Full & Default Power

<WCDMA>

		WCDMA II Ant 1				WCDMA IV Ant 1				WCDMA V Ant 1			
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	23.22	23.31	23.29	24.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.32	23.31	24.00	23.28	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	22.12	22.41	22.44	23.00	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.33	22.24	23.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.82	21.85	22.50	21.87	21.82	21.83	22.50	21.82	21.93	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	21.72	21.77	21.80	22.50	21.69	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.30	22.21	23.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.24	22.34	22.32	23.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.90	21.84	21.94	22.50	21.67	21.77	21.82	22.50	21.86	21.92	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	21.87	21.93	22.50	21.86	21.84	21.71	22.50	21.84	21.91	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	22.11	22.45	22.40	23.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	20.24	20.45	20.26	21.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	21.33	21.36	21.38	22.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.18	20.37	21.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	22.33	22.26	22.32	23.00	22.42	22.36	22.27	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.80	19.67	19.75	20.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.35	23.41	23.34		
20	QPSK	1	49	23.39	23.36	23.30	24.5	0
20	QPSK	1	99	23.38	23.38	23.27		
20	QPSK	50	0	22.38	22.56	22.48		
20	QPSK	50	24	22.48	22.42	22.34	23.5	1
20	QPSK	50	50	22.43	22.41	22.51		
20	QPSK	100	0	22.46	22.51	22.43		
20	16QAM	1	0	22.79	22.83	22.68		
20	16QAM	1	49	22.95	22.86	23.01	23.5	1
20	16QAM	1	99	22.94	22.87	22.88		
20	16QAM	50	0	21.36	21.42	21.32		
20	16QAM	50	24	21.44	21.27	21.39	22.5	2
20	16QAM	50	50	21.43	21.56	21.24		
20	16QAM	100	0	21.38	21.60	21.32		
20	64QAM	1	0	21.78	21.76	21.81		
20	64QAM	1	49	21.58	21.82	21.80	22.5	2
20	64QAM	1	99	21.78	21.68	21.82		
20	64QAM	50	0	20.42	20.46	20.42		
20	64QAM	50	24	20.39	20.62	20.57	21.5	3
20	64QAM	50	50	20.40	20.30	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.66		
20	256QAM	1	49	18.51	18.52	18.64	19.5	5
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34		
20	256QAM	50	24	18.30	18.55	18.44	19.5	5
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.31	23.22	23.27		
15	QPSK	1	37	23.31	23.30	23.22	24.5	0
15	QPSK	1	74	23.31	23.18	23.09		
15	QPSK	36	0	22.23	22.49	22.29		
15	QPSK	36	20	22.28	22.33	22.29	23.5	1
15	QPSK	36	39	22.35	22.30	22.37		
15	QPSK	75	0	22.36	22.44	22.24		
15	16QAM	1	0	22.69	22.77	22.49		
15	16QAM	1	37	22.78	22.73	22.80	23.5	1
15	16QAM	1	74	22.82	22.79	22.84		
15	16QAM	36	0	21.22	21.34	21.13		
15	16QAM	36	20	21.25	21.15	21.26	22.5	2
15	16QAM	36	39	21.37	21.39	21.12		
15	16QAM	75	0	21.21	21.54	21.20		
15	64QAM	1	0	21.59	21.66	21.68		
15	64QAM	1	37	21.47	21.66	21.61	22.5	2
15	64QAM	1	74	21.70	21.49	21.63		
15	64QAM	36	0	20.35	20.36	20.36		
15	64QAM	36	20	20.28	20.50	20.42	21.5	3
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58		
15	256QAM	1	37	18.46	18.45	18.54	19.5	5
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25		
15	256QAM	36	20	18.14	18.38	18.33	19.5	5
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.26	23.26	23.23		
10	QPSK	1	25	23.34	23.31	23.25	24.5	0
10	QPSK	1	49	23.24	23.20	23.22		
10	QPSK	25	0	22.31	22.40	22.30		
10	QPSK	25	12	22.39	22.24	22.23	23.5	1
10	QPSK	25	25	22.27	22.32	22.35		
10	QPSK	50	0	22.41	22.37	22.33		
10	16QAM	1	0	22.64	22.69	22.49		
10	16QAM	1	25	22.80	22.68	22.83	23.5	1
10	16QAM	1	49	22.77	22.69	22.78		
10	16QAM	25	0	21.24	21.22	21.27		
10	16QAM	25	12	21.25	21.10	21.29	22.5	2
10	16QAM	25	25	21.35	21.49	21.06		
10	16QAM	50	0	21.24	21.55	21.23		
10	64QAM	1	0	21.62	21.69	21.75		
10	64QAM	1	25	21.45	21.63	21.65	22.5	2
10	64QAM	1	49	21.60	21.51	21.77		
10	64QAM	25	0	20.34	20.34	20.27		
10	64QAM	25	12	20.28	20.47	20.45	21.5	3
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54		
10	256QAM	1	25	18.47	18.48	18.54	19.5	5
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16		
10	256QAM	25	12	18.26	18.49	18.39	19.5	5
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.29	23.33	23.22		
5	QPSK	1	12	23.28	23.23	23.15	24.5	0
5	QPSK	1	24	23.27	23.29	23.11		
5	QPSK	12	0	22.30	22.42	22.30		
5	QPSK	12	7	22.37	22.27	22.14	23.5	1
5	QPSK	12	13	22.29	22.34	22.34		
5	QPSK	25	0	22.40	22.33	22.38		
5	16QAM	1	0	22.63	22.76	22.60		
5	16QAM	1	12	22.79	22.78	22.92	23.5	1
5	16QAM	1	24	22.83	22.82	22.77		
5	16QAM	12	0	21.27	21.29	21.16		
5	16QAM	12	7	21.32	21.17	21.20	22.5	2
5	16QAM	12	13	21.24	21.45	21.18		
5	16QAM	25	0	21.25	21.53	21.27		
5	64QAM	1	0	21.60	21.62	21.62		
5	64QAM	1	12	21.46	21.68	21.65	22.5	2
5	64QAM	1	24	21.69	21.53	21.68		
5	64QAM	12	0	20.36	20.31	20.31		
5	64QAM	12	7	20.30	20.55	20.41	21.5	3
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50		
5	256QAM	1	12	18.33	18.33	18.54	19.5	5
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30		
5	256QAM	12	7	18.21	18.35	18.31	19.5	5
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.19	23.36	23.25		
3	QPSK	1	8	23.23	23.22	23.19	24.5	0
3	QPSK	1	14	23.21	23.18	23.14		
3	QPSK	8	0	22.18	22.45	22.39		
3	QPSK	8	4	22.37	22.27	22.28	23.5	1
3	QPSK	8	7	22.27	22.32	22.37		
3	QPSK	15	0	22.41	22.46	22.28		
3	16QAM	1	0	22.64	22.72	22.54		
3	16QAM	1	8	22.90	22.67	22.87	23.5	1
3	16QAM	1	14	22.83	22.75	22.77		
3	16QAM	8	0	21.27	21.25	21.20		
3	16QAM	8	4	21.38	21.08	21.20	22.5	2
3	16QAM	8	7	21.25	21.43	21.07		
3	16QAM	15	0	21.34	21.53	21.20		
3	64QAM	1	0	21.66	21.68	21.71		
3	64QAM	1	8	21.48	21.65	21.69	22.5	2
3	64QAM	1	14	21.67	21.50	21.74		
3	64QAM	8	0	20.32	20.30	20.28		
3	64QAM	8	4	20.27	20.53	20.42	21.5	3
3	64QAM	8	7	20.26	20.20	20.39		
3	64QAM	15	0	20.24	20.36	20.35		
3	256QAM	1	0	18.52	18.39	18.52		
3	256QAM	1	8	18.35	18.35	18.51	19.5	5
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18		
3	256QAM	8	4	18.17	18.48	18.35	19.5	5
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.26	23.36	23.28		
1.4	QPSK	1	3	23.27	23.30	23.12		
1.4	QPSK	1	5	23.27	23.21	23.21	24.5	0
1.4	QPSK	3	0	23.20	23.31	23.24		
1.4	QPSK	3	1	23.26	23.21	23.19		
1.4	QPSK	3	3	23.24	23.31	23.14		
1.4	QPSK	6	0	22.09	22.37	22.32	23.5	1
1.4	16QAM	1	0	22.29	22.15	22.16		
1.4	16QAM	1	3	22.22	22.21	22.25		
1.4	16QAM	1	5	22.25	22.32	22.24	23.5	1
1.4	16QAM	3	0	22.49	22.64	22.40		
1.4	16QAM	3	1	22.83	22.52	22.78		
1.4	16QAM	3	3	22.78	22.67	22.58		
1.4	16QAM	6	0	21.12	21.09	21.02	22.5	2
1.4	64QAM	1	0	21.26	21.02	21.04		
1.4	64QAM	1	3	21.19	21.33	21.02		
1.4	64QAM	1	5	21.16	21.39	21.04	22.5	2
1.4	64QAM	3	0	21.59	21.49	21.63		
1.4	64QAM	3	1	21.40	21.59	21.54		
1.4	64QAM	3	3	21.50	21.38	21.58		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	3
1.4	256QAM	1	0	18.59	18.47	18.60		
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42	19.5	5
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.46	19.5	5

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.31	23.33	25.27		
20	QPSK	1	49	23.29	23.25	23.23	24.5	0
20	QPSK	1	99	23.20	23.23	23.30		
20	QPSK	50	0	22.45	22.46	22.38		
20	QPSK	50	24	22.40	22.35	22.40	23.5	1
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.75	22.70	22.80		
20	16QAM	1	49	22.70	22.74	22.58	23.5	1
20	16QAM	1	99	22.61	22.84	22.60		
20	16QAM	50	0	21.37	21.42	21.39		
20	16QAM	50	24	21.42	21.45	21.35	22.5	2
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68		
20	64QAM	1	49	21.43	21.40	21.58	22.5	2
20	64QAM	1	99	21.60	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64		
20	64QAM	50	24	20.42	20.55	20.60	21.5	3
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52		
20	256QAM	1	49	18.60	18.63	18.56	19.5	5
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59		
20	256QAM	50	24	18.55	18.49	18.43	19.5	5
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.23	23.24	25.21		
15	QPSK	1	37	23.11	23.27	23.08	24.5	0
15	QPSK	1	74	23.05	23.18	23.20		
15	QPSK	36	0	22.32	22.49	22.41		
15	QPSK	36	20	22.21	22.48	22.27	23.5	1
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.55	22.54	22.69		
15	16QAM	1	37	22.51	22.61	22.49	23.5	1
15	16QAM	1	74	22.54	22.73	22.48		
15	16QAM	36	0	21.30	21.35	21.21		
15	16QAM	36	20	21.29	21.40	21.16	22.5	2
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51		
15	64QAM	1	37	21.27	21.34	21.41	22.5	2
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44		
15	64QAM	36	20	20.24	20.46	20.43	21.5	3
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44		
15	256QAM	1	37	18.41	18.59	18.49	19.5	5
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44		
15	256QAM	36	20	18.45	18.40	18.34	19.5	5
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.32	23.24	25.14		
10	QPSK	1	25	23.21	23.20	23.11	24.5	0
10	QPSK	1	49	23.10	23.15	25.13		
10	QPSK	25	0	22.39	22.52	22.35		
10	QPSK	25	12	22.27	22.38	22.33	23.5	1
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61		
10	16QAM	1	25	22.84	22.69	22.44	23.5	1
10	16QAM	1	49	22.41	22.71	22.48		
10	16QAM	25	0	21.18	21.32	21.24		
10	16QAM	25	12	21.28	21.36	21.22	22.5	2
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60		
10	64QAM	1	25	21.37	21.25	21.45	22.5	2
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49		
10	64QAM	25	12	20.32	20.44	20.46	21.5	3
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38		
10	256QAM	1	25	18.45	18.49	18.41	19.5	5
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53		
10	256QAM	25	12	18.37	18.39	18.27	19.5	5
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.28	23.29	25.19		
5	QPSK	1	12	23.10	23.29	23.19	24.5	0
5	QPSK	1	24	23.02	23.19	25.16		
5	QPSK	12	0	22.25	22.49	22.34		
5	QPSK	12	7	22.24	22.41	22.29	23.5	1
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.64	22.74		
5	16QAM	1	12	22.82	22.69	22.59	23.5	1
5	16QAM	1	24	22.54	22.75	22.49		
5	16QAM	12	0	21.18	21.29	21.31		
5	16QAM	12	7	21.27	21.28	21.30	22.5	2
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58		
5	64QAM	1	12	21.29	21.29	21.42	22.5	2
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53		
5	64QAM	12	7	20.22	20.43	20.41	21.5	3
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43		
5	256QAM	1	12	18.43	18.53	18.46	19.5	5
5	256QAM	1	24	18.43	18.24	18.46		
5	256QAM	12	0	18.48	18.31	18.45		
5	256QAM	12	7	18.49	18.40	18.36	19.5	5
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.28	23.31	25.20		
3	QPSK	1	8	23.18	23.21	23.15	24.5	0
3	QPSK	1	14	23.12	23.28	23.24		
3	QPSK	8	0	22.27	22.48	22.31		
3	QPSK	8	4	22.26	22.37	22.34	23.5	1
3	QPSK	8	7	22.24	22.38	22.26		
3	QPSK	15	0	22.34	22.30	22.23		
3	16QAM	1	0	22.59	22.60	22.66		
3	16QAM	1	8	22.84	22.54	22.48	23.5	1
3	16QAM	1	14	22.56	22.66	22.44		
3	16QAM	8	0	21.26	21.31	21.26		
3	16QAM	8	4	21.35	21.33	21.22	22.5	2
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52		
3	64QAM	1	8	21.33	21.21	21.42	22.5	2
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55		
3	64QAM	8	4	20.27	20.38	20.42	21.5	3
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48		
3	256QAM	1	8	18.41	18.48	18.41	19.5	5
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53		
3	256QAM	8	4	18.38	18.29	18.24	19.5	5
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.22	23.28	25.18		
1.4	QPSK	1	3	23.18	23.16	23.15		
1.4	QPSK	1	5	23.01	23.25	25.17	24.5	0
1.4	QPSK	3	0	23.23	23.23	25.10		
1.4	QPSK	3	1	23.24	23.25	23.11		
1.4	QPSK	3	3	23.14	23.15	23.15		
1.4	QPSK	6	0	22.08	22.39	22.24	23.5	1
1.4	16QAM	1	0	22.22	22.32	22.28		
1.4	16QAM	1	3	22.18	22.30	22.18		
1.4	16QAM	1	5	22.20	22.11	22.12	23.5	1
1.4	16QAM	3	0	22.43	22.36	22.31		
1.4	16QAM	3	1	22.34	22.40	22.41		
1.4	16QAM	3	3	22.48	22.34	22.25		
1.4	16QAM	6	0	21.10	21.26	21.15	22.5	2
1.4	64QAM	1	0	21.27	21.26	21.03		
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09	22.5	2
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	3
1.4	256QAM	1	0	18.33	18.40	18.41		
1.4	256QAM	1	3	18.56	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60	19.5	5
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20450	Power Middle Ch. / 20525	Power High Ch. / 20600	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.75	23.87	23.76		
10	QPSK	1	25	23.67	23.85	23.53	25	0
10	QPSK	1	49	23.65	23.79	23.82		
10	QPSK	25	0	22.73	23.01	22.73		
10	QPSK	25	12	22.72	22.91	22.90	24	1
10	QPSK	25	25	22.81	22.90	22.65		
10	QPSK	50	0	22.72	22.91	22.81		
10	16QAM	1	0	22.64	22.89	22.99		
10	16QAM	1	25	22.91	22.83

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01		
10	QPSK	1	25	23.84	24.05	23.86	25	0
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.16	23.14		
10	QPSK	25	12	22.97	23.01	23.02	24	1
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11		
10	16QAM	1	25	23.31	23.27	23.17	24	1
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05		
10	16QAM	25	12	22.20	21.98	21.87	23	2
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38		
10	64QAM	1	25	22.19	22.06	22.15	23	2
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08		
10	64QAM	25	12	21.05	20.88	21.11	22	3
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17		
10	256QAM	1	25	19.13	19.11	19.04	20	5
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12		
10	256QAM	25	12	18.97	19.01	18.96	20	5
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23060	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87		
5	QPSK	1	12	23.72	23.93	23.76	25	0
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96		
5	QPSK	12	7	22.77	22.91	22.95	24	1
5	QPSK	12	13	22.85	22.90	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07		
5	16QAM	1	12	23.26	23.19	23.12	24	1
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92		
5	16QAM	12	7	22.03	21.91	21.70	23	2
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31		
5	64QAM	1	12	22.12	22.00	22.02	23	2
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94		
5	64QAM	12	7	21.00	20.77	21.06	22	3
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.84	19.02	19.05		
5	256QAM	1	12	18.94	18.93	19.00	20	5
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97		
5	256QAM	12	7	18.80	18.86	18.88	20	5
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85		
3	QPSK	1	8	23.65	23.94	23.79	25	0
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95		
3	QPSK	8	4	22.82	22.93	22.94	24	1
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02		
3	16QAM	1	8	23.23	23.22	23.04	24	1
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91		
3	16QAM	8	4	22.03	21.80	21.67	23	2
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.94		
3	64QAM	1	0	22.23	22.19	22.19		
3	64QAM	1	8	22.13	21.99	22.09	23	2
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89		
3	64QAM	8	4	20.88	20.83	21.07	22	3
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11		
3	256QAM	1	8	18.94	19.05	19.00	20	5
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04		
3	256QAM	8	4	18.85	18.96	18.81	20	5
3	256QAM	8	7	18.85	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94		
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67	25	0
1.4	QPSK	3	0	23.67	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78		
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59	24	1
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.94	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59		
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79	23	2
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99		
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14	20	5
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11			
10	QPSK	1	25		24.02		25	0
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15			
10	QPSK	25	12		22.99		24	1
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15			
10	16QAM	1	25		23.21		24	1
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14			
10	16QAM	25	12		22.11		23	2
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24			
10	64QAM	1	25		22.19		23	2
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15			
10	64QAM	25	12		21.11		22	3
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03			
10	256QAM	1	25		18.86		20	5
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05			
10	256QAM	25	12		19.20		20	5
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.98	23.99	23.93		
5	QPSK	1	12	23.94	23.91	23.86	25	0
5	QPSK	1	24	23.67	23.67	23.65		
5	QPSK	12	0	23.01	23.05	23.00		
5	QPSK	12	7	22.88	22.82	22.83	24	1
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02		
5	16QAM	1	12	23.07	23.05	23.01	24	1
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09		
5	16QAM	12	7	21.91	21.94	21.93	23	2
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05		
5	64QAM	1	12	22.00	22.08	22.04	23	2
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05		
5	64QAM	12	7	20.92	20.98	21.01	22	3
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93		
5	256QAM	1	12	18.71	18.67	18.73	20	5
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87		
5	256QAM	12	7	19.06	19.12	19.00	20	5
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.13			
10	QPSK	1	25		24.10		25	0
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12			
10	QPSK	25	12		23.04		24	1
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23			
10	16QAM	1	25		23.16		24	1
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09			
10	16QAM	25	12		22.15		23	2
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13			
10	64QAM	1	25		22.14		23	2
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09			
10	64QAM	25	12		21.25		22	3
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25			
10	256QAM	1	25		19.18		20	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13			
10	256QAM	25	12		19.00		20	5
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97		
5	QPSK	1	12	24.05	23.92	23.91	25	0
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94		
5	QPSK	12	7	22.92	22.95	22.85	24	1
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11		
5	16QAM	1	12	22.97	23.10	23.04	24	1
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97		
5	16QAM	12	7	21.98	21.97	22.04	23	2
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09		
5	64QAM	1	12	22.00	22.05	22.01	23	2
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89		
5	64QAM	12	7	21.16	21.14	21.13	22	3
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.06		
5	256QAM	1	12	19.02	19.08	19.05	20	5
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94		
5	256QAM	12	7	18.92	18.86	18.89	20	5
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.39	23.48	23.28		
20	QPSK	1	49	23.25	23.45	23.26	24.5	0
20	QPSK	1	99	23.35	23.43	23.44		
20	QPSK	50	0	22.49	22.57	22.54		
20	QPSK	50	24	22.35	22.53	22.46	23.5	1
20	QPSK	50	50	22.47	22.45	22.44		
20	QPSK	100	0	22.38	22.55	22.30		
20	16QAM	1	0	22.43	22.58	22.30		
20	16QAM	1	49	22.69	22.72	22.49	23.5	1
20	16QAM	1	99	22.71	22.48	22.64		
20	16QAM	50	0	21.70	21.56	21.72		
20	16QAM	50	24	21.56	21.68	21.56	22.5	2
20	16QAM	50	50	21.46	21.58	21.42		
20	16QAM	100	0	21.48	21.70	21.68		
20	64QAM	1	0	21.63	21.62	21.70		
20	64QAM	1	49	21.67	21.68	21.70	22.5	2
20	64QAM	1	99	21.50	21.72	21.52		
20	64QAM	50	0	20.75	20.57	20.59		
20	64QAM	50	24	20.73	20.40	20.68	21.5	3
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.69	18.74		
20	256QAM	1	49	18.84	18.70	18.83	19.5	5
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.52	18.45		
20	256QAM	50	24	18.54	18.66	18.51	19.5	5
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.30	23.38	23.18		
15	QPSK	1	37	23.18	23.34	23.09	24.5	0
15	QPSK	1	74	23.30	23.37	23.27		
15	QPSK	36	0	22.44	22.48	22.35		
15	QPSK	36	20	22.27	22.48	22.34	23.5	1
15	QPSK	36	39	22.37	22.40	22.36		
15	QPSK	75	0	22.32	22.36	22.17		
15	16QAM	1	0	22.36	22.47	22.21		
15	16QAM	1	37	22.65	22.67	22.34	23.5	1
15	16QAM	1	74	22.57	22.38	22.45		
15	16QAM	36	0	21.61	21.37	21.62		
15	16QAM	36	20	21.46	21.57	21.39	22.5	2
15	16QAM	36	39	21.27	21.41	21.36		
15	16QAM	75	0	21.34	21.63	21.55		
15	64QAM	1	0	21.54	21.57	21.64		
15	64QAM	1	37	21.55	21.61	21.65	22.5	2
15	64QAM	1	74	21.32	21.59	21.43		
15	64QAM	36	0	20.71	20.38	20.52		
15	64QAM	36	20	20.66	20.24	20.42	21.5	3
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.38	18.51	18.66		
15	256QAM	1	37	18.66	18.53	18.64	19.5	5
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32		
15	256QAM	36	20	18.35	18.59	18.35	19.5	5
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.24	23.37	23.22		
10	QPSK	1	25	23.11	23.32	23.14	24.5	0
10	QPSK	1	49	23.30	23.34	23.33		
10	QPSK	25	0	22.31	22.46	22.37		
10	QPSK	25	12	22.21	22.45	22.27	23.5	1
10	QPSK	25	25	22.29	22.29	22.32		
10	QPSK	50	0	22.32	22.51	22.21		
10	16QAM	1	0	22.29	22.41	22.16		
10	16QAM	1	25	22.60	22.55	22.36	23.5	1
10	16QAM	1	49	22.62	22.41	22.51		
10	16QAM	25	0	21.60	21.39	21.54		
10	16QAM	25	12	21.37	21.56	21.49	22.5	2
10	16QAM	25	25	21.28	21.38	21.25		
10	16QAM	50	0	21.39	21.54	21.56		
10	64QAM	1	0	21.44	21.43	21.52		
10	64QAM	1	25	21.48	21.60	21.51	22.5	2
10	64QAM	1	49	21.36	21.62	21.40		
10	64QAM	25	0	20.64	20.51	20.49		
10	64QAM	25	12	20.64	20.36	20.52	21.5	3
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.36	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60		
10	256QAM	1	25	18.77	18.65	18.74	19.5	5
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29		
10	256QAM	25	12	18.45	18.58	18.44	19.5	5
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.30	23.36	23.10		
5	QPSK	1	12	23.19	23.31	23.09	24.5	0
5	QPSK	1	24	23.26	23.32	23.31		
5	QPSK	12	0	22.42	22.41	22.44		
5	QPSK	12	7	22.30	22.40	22.29	23.5	1
5	QPSK	12	13	22.31	22.34	22.32		
5	QPSK	25	0	22.18	22.36	22.18		
5	16QAM	1	0	22.37	22.48	22.25		
5	16QAM	1	12	22.55	22.63	22.45	23.5	1
5	16QAM	1	24	22.57	22.41	22.53		
5	16QAM	12	0	21.65	21.51	21.58		
5	16QAM	12	7	21.49	21.63	21.48	22.5	2
5	16QAM	12	13	21.31	21.47	21.33		
5	16QAM	25	0	21.31	21.53	21.60		
5	64QAM	1	0	21.54	21.53	21.53		
5	64QAM	1	12	21.58	21.40	21.52	22.5	2
5	64QAM	1	24	21.32	21.58	21.35		
5	64QAM	12	0	20.62	20.39	20.42		
5	64QAM	12	7	20.65	20.21	20.44	21.5	3
5	64QAM	12	13	20.55	20.53	20.48		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66		
5	256QAM	1	12	18.69	18.50	18.66	19.5	5
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35		
5	256QAM	12	7	18.48	18.51	18.41	19.5	5
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26025	26340	26655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.27	23.29	23.10		
3	QPSK	1	8	23.06	23.33	23.15	24.5	0
3	QPSK	1	14	23.21	23.29	23.26		
3	QPSK	8	0	22.40	22.48	22.36		
3	QPSK	8	4	22.26	22.48	22.37	23.5	1
3	QPSK	8	7	22.40	22.38	22.38		
3	QPSK	15	0	22.24	22.42	22.13		
3	16QAM	1	0	22.31	22.52	22.17		
3	16QAM	1	8	22.51	22.54	22.42	23.5	1
3	16QAM	1	14	22.58	22.34	22.48		
3	16QAM	8	0	21.51	21.41	21.54		
3	16QAM	8	4	21.48	21.56	21.43	22.5	2
3	16QAM	8	7	21.38	21.53	21.24		
3	16QAM	15	0	21.36	21.51	21.55		
3	64QAM	1	0	21.51	21.54	21.51		
3	64QAM	1	8	21.47	21.40	21.57	22.5	2
3	64QAM	1	14	21.40	21.53	21.38		
3	64QAM	8	0	20.58	20.47	20.52		
3	64QAM	8	4	20.58	20.30	20.43	21.5	3
3	64QAM	8	7	20.69	20.53	20.44		
3	64QAM	15	0	20.39	20.51	20.53		
3	256QAM	1	0	18.46	18.56	18.58		
3	256QAM	1	8	18.77	18.59	18.73	19.5	5
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29		
3	256QAM	8	4	18.46	18.50	18.45	19.5	5
3

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 26705	Power Middle Ch. / 26865	Power High Ch. / 27025	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	27025		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82		
15	QPSK	1	37	23.75	23.91	23.67	25	0
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78		
15	QPSK	36	20	22.74	22.95	22.95	24	1
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.78	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06		
15	16QAM	1	37	23.03	22.87	22.92	24	1
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.93	21.89	21.73		
15	16QAM	36	20	21.83	21.88	21.72	23	2
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24		
15	64QAM	1	37	22.11	22.19	22.20	23	2
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87		
15	64QAM	36	20	21.07	21.01	21.04	22	3
15	64QAM	36	39	21.00	20.79	20.99		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12		
15	256QAM	1	37	18.98	19.16	19.18	20	5
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.63	18.65		
15	256QAM	36	20	18.46	18.79	18.59	20	5
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.65		
10	QPSK	1	25	23.57	23.87	23.48	25	0
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.58		
10	QPSK	25	12	22.64	22.84	22.85	24	1
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99		
10	16QAM	1	25	22.90	22.79	22.83	24	1
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.63		
10	16QAM	25	12	21.75	21.84	21.54	23	2
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.85	21.85		
10	64QAM	1	0	22.18	22.07	22.07		
10	64QAM	1	25	21.97	22.10	22.12	23	2
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71		
10	64QAM	25	12	20.98	20.95	20.96	22	3
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94		
10	256QAM	1	25	18.85	19.04	19.05	20	5
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57		
10	256QAM	25	12	18.35	18.68	18.30	20	5
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64		
5	QPSK	1	12	23.58	23.85	23.51	25	0
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68		
5	QPSK	12	7	22.56	22.87	22.81	24	1
5	QPSK	12	13	22.78	22.88	22.69		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00		
5	16QAM	1	12	22.91	22.78	22.84	24	1
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.67		
5	16QAM	12	7	21.74	21.79	21.55	23	2
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12		
5	64QAM	1	12	22.04	22.06	22.09	23	2
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67		
5	64QAM	12	7	21.01	20.90	20.98	22	3
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06		
5	256QAM	1	12	18.79	19.05	19.11	20	5
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61		
5	256QAM	12	7	18.34	18.71	18.41	20	5
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69		
3	QPSK	1	8	23.66	23.80	23.55	25	0
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.61		
3	QPSK	8	4	22.69	22.81	22.77	24	1
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97		
3	16QAM	1	8	22.93	22.71	22.81	24	1
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.65		
3	16QAM	8	4	21.74	21.74	21.64	23	2
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.62	21.65	21.92		
3	64QAM	1	0	22.19	22.13	22.19		
3	64QAM	1	8	22.04	22.10	22.15	23	2
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72		
3	64QAM	8	4	20.93	20.86	20.89	22	3
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96		
3	256QAM	1	8	18.87	19.04	19.00	20	5
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60		
3	256QAM	8	4	18.40	18.65	18.31	20	5
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.74	23.85	23.63		
1.4	QPSK	1	3	23.64	23.87	23.55		
1.4	QPSK	1	5	23.64	23.86	23.79	25	0
1.4	QPSK	3	0	23.69	23.79	23.73		
1.4	QPSK	3	1	23.56	23.80	23.59		
1.4	QPSK	3	3	23.56	23.84	23.76		
1.4	QPSK	6	0	22.52	22.89	22.45	24	1
1.4	16QAM	1	0	22.60	22.75	22.69		
1.4	16QAM	1	3	22.58	22.68	22.69		
1.4	16QAM	1	5	22.40	22.86	22.75	24	1
1.4	16QAM	3	0	22.53	22.75	22.87		
1.4	16QAM	3	1	22.85	22.60	22.76		
1.4	16QAM	3	3	22.97	22.84	22.70		
1.4	16QAM	6	0	21.68	21.68	21.56	23	2
1.4	64QAM	1	0	21.69	21.70	21.48		
1.4	64QAM	1	3	21.43	21.59	21.89		
1.4	64QAM	1	5	21.55	21.58	21.73	23	2
1.4	64QAM	3	0	22.07	21.93	22.09		
1.4	64QAM	3	1	21.90	21.94	22.07		
1.4	64QAM	3	3	21.97	21.90	21.95		
1.4	64QAM	6	0	20.66	20.60	20.53	22	3
1.4	256QAM	1	0	18.92	18.91	19.07		
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11	20	5
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	5

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 132072	Power Middle Ch. / 132322	Power High Ch. / 132572	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.30	23.35	23.21		
20	QPSK	1	49	23.02	23.19	23.03	24.5	0
20	QPSK	1	99	23.26	23.29	23.22		
20	QPSK	50	0	22.34	22.38	22.11		
20	QPSK	50	24	22.19	22.37	22.19	23.5	1
20	QPSK	50	50	22.18	22.30	22.10		
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25		
20	16QAM	1	49	22.51	22.60	22.54	23.5	1
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15		
20	16QAM	50	24	21.33	21.30	21.18	22.5	2
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.36	21.31	21.46		
20	64QAM	1	49	21.35	21.43	21.14	22.5	2
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20		
20	64QAM	50	24	20.45	20.44	20.39	21.5	3
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50		
20	256QAM	1	49	18.49	18.67	18.55	19.5	5
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.26	18.41	18.31		
20	256QAM	50	24	18.41	18.32	18.38	19.5	5
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.20	23.19	23.13		
15	QPSK	1	37	22.97	23.05	22.88	24.5	0
15	QPSK	1	74	23.16	23.21	23.08		
15	QPSK	36	0	22.23	22.29	22.09		
15	QPSK	36	20	22.08	22.28	22.12	23.5	1
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21		
15	16QAM	1	37	22.32	22.49	22.49	23.5	1
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09		
15	16QAM	36	20	21.16	21.24	21.05	22.5	2
15	16QAM	36	39	21.05	21.16	21.31		
15	16QAM	75	0	21.19	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28		
15	64QAM	1	37	21.18	21.32	21.09	22.5	2
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07		
15	64QAM	36	20	20.26	20.27	20.23	21.5	3
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39		
15	256QAM	1	37	18.43	18.59	18.44	19.5	5
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16		
15	256QAM	36	20	18.34	18.27	18.23	19.5	5
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.31	23.06		
10	QPSK	1	25	22.91	23.00	22.98	24.5	0
10	QPSK	1	49	23.11	23.17	23.09		
10	QPSK	25	0	22.22	22.25	22.02		
10	QPSK	25	12	22.11	22.29	22.09	23.5	1
10	QPSK	25	25	22.09	22.21	22.01		
10	QPSK	50	0	22.27	22.20	22.16		
10	16QAM	1	0	22.47	22.37	22.07		
10	16QAM	1	25	22.44	22.49	22.35	23.5	1
10	16QAM	1	49	22.36	22.23	22.49		
10	16QAM	25	0	21.20	21.20	21.10		
10	16QAM	25	12	21.27	21.19	21.11	22.5	2
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41		
10	64QAM	1	25	21.30	21.29	21.03	22.5	2
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13		
10	64QAM	25	12	20.39	20.35	20.33	21.5	3
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43		
10	256QAM	1	25	18.30	18.55	18.49	19.5	5
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25		
10	256QAM	25	12	18.22	18.23	18.26	19.5	5
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.21	23.23	23.07		
5	QPSK	1	12	22.85	23.14	22.93	24.5	0
5	QPSK	1	24	23.08	23.17	23.05		
5	QPSK	12	0	22.27	22.33	21.93		
5	QPSK	12	7	22.02	22.29	22.09	23.5	1
5	QPSK	12	13	22.06	22.21	21.93		
5	QPSK	25	0	22.34	22.17	22.18		
5	16QAM	1	0	22.47	22.25	22.19		
5	16QAM	1	12	22.35	22.47	22.44	23.5	1
5	16QAM	1	24	22.41	22.21	22.59		
5	16QAM	12	0	21.26	21.13	21.06		
5	16QAM	12	7	21.24	21.18	21.09	22.5	2
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37		
5	64QAM	1	12	21.19	21.36	20.97	22.5	2
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13		
5	64QAM	12	7	20.39	20.30	20.24	21.5	3
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44		
5	256QAM	1	12	18.42	18.63	18.49	19.5	5
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24		
5	256QAM	12	7	18.38	18.16	18.30	19.5	5
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.12	23.30	23.03		
3	QPSK	1	8	22.93	23.03	22.85	24.5	0
3	QPSK	1	14	23.14	23.23	23.08		
3	QPSK	8	0	22.29	22.29	22.05		
3	QPSK	8	4	22.02	22.19	21.99	23.5	1
3	QPSK	8	7	22.08	22.24	22.02		
3	QPSK	15	0	22.32	22.16	22.20		
3	16QAM	1	0	22.39	22.32	22.17		
3	16QAM	1	8	22.36	22.44	22.37	23.5	1
3	16QAM	1	14	22.30	22.22	22.55		
3	16QAM	8	0	21.34	21.29	21.09		
3	16QAM	8	4	21.15	21.19	21.12	22.5	2
3	16QAM	8	7	21.09	21.28	21.25		
3	16QAM	15	0	21.07	21.03	21.15		
3	64QAM	1	0	21.23	21.20	21.37		
3	64QAM	1	8	21.19	21.36	21.10	22.5	2
3	64QAM	1	14	21.21	21.36	21.05		
3	64QAM	8	0	20.24	20.26	20.13		
3	64QAM	8	4	20.31	20.40	20.28	21.5	3
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.36		
3	256QAM	1	8	18.38	18.50	18.41	19.5	5
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19		
3	256QAM	8	4	18.37	18.13	18.30	19.5	5
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.22	23.16	23.02		
1.4	QPSK	1	3	22.83	23.09	22.84		
1.4	QPSK	1	5	23.18	23.10	23.15	24.5	0
1.4	QPSK	3	0	23.18	23.29	23.16		
1.4	QPSK	3	1	22.84	23.13	22.92		
1.4	QPSK	3	3	23.16	23.20	23.10		
1.4	QPSK	6	0	22.19	22.12	21.96	23.5	1
1.4	16QAM	1	0	21.92	22.14	21.79		
1.4	16QAM	1	3	21.93	22.04	21.89		
1.4	16QAM	1	5	22.25	22.10	22.09	23.5	1
1.4	16QAM	3	0	22.22	22.19	22.07		
1.4	16QAM	3	1	22.21	22.26	22.18		
1.4	16QAM	3	3	22.17	22.12	22.45		
1.4	16QAM	6	0	21.26	21.17	20.99	22.5	2
1.4	64QAM	1	0	21.08	21.11	21.00		
1.4	64QAM	1	3	21.00	21.23	21.21		
1.4	64QAM	1	5	20.96	20.88	21.02	22.5	2
1.4	64QAM	3	0	21.09	21.05	21.23		
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	3
1.4	256QAM	1	0	18.35	18.36	18.31		
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39	19.5	5
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	5

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 133222	Power Middle Ch. / 133297	Power High Ch. / 133372	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65		
20	QPSK	1	49	23.70	23.65	23.62	25	0
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70		
20	QPSK	50	24	22.66	22.79	22.60	24	1
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10		
20	16QAM	1	49	23.17	23.06	23.13	24	1
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67		
20	16QAM	50	24	21.72	21.70	21.91	23	2
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.28	22.11	22.25		
20	64QAM	1	49	22.02	21.98	21.96	23	2
20	64QAM	1	99	21.99	22.10	22.18		
20	64QAM	50	0	20.93	20.76	20.78		
20	64QAM	50	24	20.80	20.85	20.71	22	3
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90		
20	256QAM	1	49	18.87	18.88	19.00	20	5
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74		
20	256QAM	50	24	18.80	18.89	18.98	20	5
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.63	23.48		
15	QPSK	1	37	23.66	23.59	23.44	25	0
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.65	22.57		
15	QPSK	36	20	22.49	22.65	22.42	24	1
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.65	22.51		
15	16QAM	1	0	22.66	22.99	22.94		
15	16QAM	1	37	23.08	22.99	23.02	24	1
15	16QAM	1	74	22.87	22.88	23.03		
15	16QAM	36	0	21.73	21.69	21.48		
15	16QAM	36

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.99	23.15	23.12	24	0
20	QPSK	1	49	22.97	23.09	22.88		
20	QPSK	1	99	22.97	23.06	22.89		
20	QPSK	50	0	22.25	22.29	22.09	23	1
20	QPSK	50	24	21.97	22.22	22.08		
20	QPSK	50	50	22.18	22.24	22.13		
20	QPSK	100	0	22.10	22.27	21.98		
20	16QAM	1	0	21.98	22.04	22.12	23	1
20	16QAM	1	49	22.07	21.97	21.89		
20	16QAM	1	99	22.09	22.02	22.00		
20	16QAM	50	0	21.36	21.26	21.33	22	2
20	16QAM	50	24	21.14	21.16	21.35		
20	16QAM	50	50	21.40	21.19	21.26		
20	16QAM	100	0	21.11	21.28	21.31		
20	64QAM	1	0	21.24	21.21	21.37	22	2
20	64QAM	1	49	21.36	21.08	21.22		
20	64QAM	1	99	21.37	21.03	21.06		
20	64QAM	50	0	20.16	20.26	20.40	21	3
20	64QAM	50	24	20.17	20.23	20.30		
20	64QAM	50	50	20.32	20.19	20.40		
20	64QAM	100	0	20.12	20.31	20.28		
20	256QAM	1	0	18.22	18.13	18.08	19	5
20	256QAM	1	49	18.10	17.96	18.28		
20	256QAM	1	99	18.11	18.20	18.22		
20	256QAM	50	0	18.05	18.19	18.32	19	5
20	256QAM	50	24	18.21	18.20	18.22		
20	256QAM	50	50	18.04	18.15	18.05		
20	256QAM	100	0	18.20	18.19	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.85	22.95	22.97	24	0
15	QPSK	1	37	22.92	22.90	22.82		
15	QPSK	1	74	22.89	22.92	22.70		
15	QPSK	36	0	22.20	22.17	21.93	23	1
15	QPSK	36	20	21.79	22.15	21.99		
15	QPSK	36	39	22.00	22.16	22.04		
15	QPSK	75	0	21.96	22.11	21.83		
15	16QAM	1	0	21.81	21.87	22.01	23	1
15	16QAM	1	37	21.91	21.92	21.76		
15	16QAM	1	74	21.97	21.89	21.82		
15	16QAM	36	0	21.31	21.12	21.19	22	2
15	16QAM	36	20	20.96	21.10	21.28		
15	16QAM	36	39	21.36	21.01	21.18		
15	16QAM	75	0	20.95	21.13	21.22		
15	64QAM	1	0	21.11	21.05	21.24	22	2
15	64QAM	1	37	21.28	20.96	21.05		
15	64QAM	1	74	21.23	20.94	20.87		
15	64QAM	36	0	20.02	20.19	20.23	21	3
15	64QAM	36	20	20.09	20.18	20.24		
15	64QAM	36	39	20.25	20.13	20.31		
15	64QAM	75	0	19.97	20.20	20.10		
15	256QAM	1	0	18.09	18.06	17.96	19	5
15	256QAM	1	37	18.04	17.77	18.17		
15	256QAM	1	74	17.92	18.11	18.18		
15	256QAM	36	0	17.94	18.11	18.22	19	5
15	256QAM	36	20	18.13	18.04	18.13		
15	256QAM	36	39	17.91	18.05	17.93		
15	256QAM	75	0	18.07	18.12	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	23.10	23.03	24	0
10	QPSK	1	25	22.85	23.00	22.70		
10	QPSK	1	49	22.81	22.99	22.74		
10	QPSK	25	0	22.14	22.14	21.97	23	1
10	QPSK	25	12	21.92	22.03	21.92		
10	QPSK	25	25	22.08	22.14	22.02		
10	QPSK	50	0	21.96	22.22	21.84		
10	16QAM	1	0	21.86	21.96	21.94	23	1
10	16QAM	1	25	22.00	21.88	21.70		
10	16QAM	1	49	21.89	21.94	21.86		
10	16QAM	25	0	21.25	21.19	21.24	22	2
10	16QAM	25	12	21.08	20.97	21.21		
10	16QAM	25	25	21.35	21.07	21.14		
10	16QAM	50	0	21.05	21.20	21.26		
10	64QAM	1	0	21.04	21.06	21.31	22	2
10	64QAM	1	25	21.29	20.90	21.10		
10	64QAM	1	49	21.19	20.90	20.91		
10	64QAM	25	0	20.06	20.18	20.23	21	3
10	64QAM	25	12	20.05	20.18	20.11		
10	64QAM	25	25	20.15	20.11	20.20		
10	64QAM	50	0	19.92	20.12	20.19		
10	256QAM	1	0	18.14	18.02	17.92	19	5
10	256QAM	1	25	18.06	17.83	18.14		
10	256QAM	1	49	18.02	18.08	18.06		
10	256QAM	25	0	17.85	18.10	18.13	19	5
10	256QAM	25	12	18.17	18.14	18.11		
10	256QAM	25	25	18.00	18.02	17.90		
10	256QAM	50	0	18.13	18.05	18.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.85	23.09	23.05	24	0
5	QPSK	1	12	22.90	23.01	22.75		
5	QPSK	1	24	22.90	22.87	22.80		
5	QPSK	12	0	22.11	22.23	22.02	23	1
5	QPSK	12	7	21.89	22.09	21.90		
5	QPSK	12	13	22.08	22.12	21.94		
5	QPSK	25	0	21.90	22.11	21.86		
5	16QAM	1	0	21.90	21.89	21.94	23	1
5	16QAM	1	12	21.94	21.83	21.71		
5	16QAM	1	24	21.93	21.86	21.80		
5	16QAM	12	0	21.19	21.09	21.22	22	2
5	16QAM	12	7	21.09	21.04	21.15		
5	16QAM	12	13	21.32	21.07	21.22		
5	16QAM	25	0	21.01	21.20	21.24		
5	64QAM	1	0	21.07	21.05	21.25	22	2
5	64QAM	1	12	21.22	20.88	21.17		
5	64QAM	1	24	21.27	20.93	20.91		
5	64QAM	12	0	20.01	20.16	20.31	21	3
5	64QAM	12	7	20.13	20.17	20.12		
5	64QAM	12	13	20.13	19.99	20.36		
5	64QAM	25	0	20.07	20.14	20.12		
5	256QAM	1	0	18.15	17.95	18.01	19	5
5	256QAM	1	12	17.92	17.81	18.22		
5	256QAM	1	24	18.02	18.04	18.05		
5	256QAM	12	0	17.89	18.05	18.26	19	5
5	256QAM	12	7	18.11	18.14	18.12		
5	256QAM	12	13	17.99	18.05	17.88		
5	256QAM	25	0	18.08	18.10	18.12		

LTE Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	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	22.96	23.02	23.14	23.05	23.06	24	0
20	QPSK	1	49	22.85	22.93	23.03	22.93	22.83		
20	QPSK	1	99	22.95	22.84	23.09	22.91	23.12		
20	QPSK	50	0	22.19	22.23	22.26	22.20	22.13	23	1
20	QPSK	50	24	22.23	22.25	22.18	22.22	22.04		
20	QPSK	50	50	22.03	22.18	22.15	21.99	22.14		
20	QPSK	100	0	22.16	22.08	22.24	22.19	22.19		
20	16QAM	1	0	22.02	22.07	22.12	22.19	21.88	23	1
20	16QAM	1	49	21.95	22.21	22.29	21.98	22.14		
20	16QAM	1	99	22.01	22.28	22.00	22.13	22.28		
20	16QAM	50	0	21.03	21.19	21.18	21.10	21.17	22	2
20	16QAM	50	24	21.35	21.06	21.13	21.20	21.31		
20	16QAM	50	50	21.30	21.24	21.28	21.35	21.31		
20	16QAM	100	0	21.20	21.30	21.30	21.16	21.09		
20	64QAM	1	0	21.15	21.27	21.15	21.09	21.11	22	2
20	64QAM	1	49	20.98	20.97	21.09	21.16	21.17		
20	64QAM	1	99	21.00	21.06	21.29	21.14	21.27		
20	64QAM	50	0	20.08	20.07	20.19	20.30	20.35	21	3
20	64QAM	50	24	20.22	20.31	20.28	20.10	20.33		
20	64QAM	50	50	20.25	20.10	20.34	20.21	20.26		
20	64QAM	100	0	20.08	20.33	20.20	20.25	20.07		
20	256QAM	1	0	18.16	18.33	18.21	18.08	18.12	19	5
20	256QAM	1	49	18.28	18.16	18.29	18.30	18.24		
20	256QAM	1	99	18.24	18.08	18.19	18.12	18.29		
20	256QAM	50	0	17.99	18.01	18.14	18.13	18.10	19	5
20	256QAM	50	24	18.14	17.97	18.00	18.08	18.11		
20	256QAM	50	50	18.12	18.13	18.00	17.98	18.16		
20	256QAM	100	0	18.30	18.22	18.20	18.31	18.17		
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	22.84	22.88	23.02	22.89	22.88	24.00	0
15	QPSK	1	37	22.74	22.79	22.97	22.74	22.68		
15	QPSK	1	74	22.77	22.67	22.94	22.73	23.05		
15	QPSK	36	0	21.99	22.19	22.13	22.01	22.04	23	1
15	QPSK	36	20	22.16	22.14	22.01	22.13	21.96		
15	QPSK	36	39	21.93	22.10	22.03	21.91	22.08		
15	QPSK	75	0	21.99	21.99	22.15	22.10	22.05		
15	16QAM	1	0	21.86	21.95	21.95	22.07	21.84	23	1
15	16QAM	1	37	21.89	22.05	22.16	21.88	22.05		
15	16QAM	1	74	21.88	22.17	21.87	22.06	22.17		
15	16QAM	36	0	20.84	21.05	21.11	21.01	21.07	22	2
15	16QAM	36	20	21.16	20.86	20.96	21.09	21.25		
15	16QAM	36	39	21.24	21.08	21.11	21.18	21.21		
15	16QAM	75	0	21.16	21.20	21.22	20.99	20.90		
15	64QAM	1	0	21.08	21.15	21.03	20.93	20.97	22	2
15	64QAM	1	37	20.85	20.81	20.92	21.02	21.01		
15	64QAM	1	74	20.96	20.88	21.18	21.03	21.11		
15	64QAM	36	0	19.92	19.92	20.07	20.10	20.19	21	3
15	64QAM	36	20	20.15	20.25	20.14	19.99	20.29		
15	64QAM	36	39	20.13	19.93	20.23	20.02	20.19		
15	64QAM	75	0	19.91	20.13	20.07	20.08	19.97		
15	256QAM	1	0	18.09	18.16	18.03	17.92	18.07	19	5
15	256QAM	1	37	18.20	18.10	18.17	18.12	18.19		
15	256QAM	1	74	18.11	17.94	18.00	17.93	18.14		
15	256QAM	36	0	17.84	17.95	17.95	18.01	18.00	19	5
15	256QAM	36	20	18.02	17.90	17.89	18.02	18.01		
15	256QAM	36	39	17.98	18.07	17.93	17.89	18.11		
15	256QAM	75	0	18.16	18.09	18.06	18.13	18.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.84	22.97	23.08	22.87	22.92	24.00	0
10	QPSK	1	25	22.78	22.73	22.99	22.87	22.68		
10	QPSK	1	49	22.82	22.66	23.01	22.87	23.08		
10	QPSK	25	0	22.13	22.07	22.10	22.04	22.08	23	1
10	QPSK	25	12	22.06	22.20	22.10	22.13	21.84		
10	QPSK	25	25	21.87	22.12	21.99	21.90	22.06		
10	QPSK	50	0	22.11	21.92	22.09	22.03	22.05		
10	16QAM	1	0	21.83	21.91	22.01	22.14	21.78	23	1
10	16QAM	1	25	21.89	22.15	22.21	21.86	21.94		
10	16QAM	1	49	21.86	22.10	21.96	21.95	22.18		
10	16QAM	25	0	20.91	21.07	21.09	20.93	21.05	22	2
10	16QAM	25	12	21.30	20.95	20.97	21.00	21.14		
10	16QAM	25	25	21.17	21.17	21.19	21.17	21.18		
10	16QAM	50	0	21.03	21.11	21.20	21.00	21.04		
10	64QAM	1	0	21.03	21.19	21.10	20.95	21.04	22	2
10	64QAM	1	25	20.81	20.85	20.94	21.01	21.01		
10	64QAM	1	49	20.89	20.93	21.11	21.05	21.08		
10	64QAM	25	0	19.90	19.95	20.05	20.16	20.16	21	3
10	64QAM	25	12	20.08	20.11	20.08	20.01	20.26		
10	64QAM	25	25	20.19	20.06	20.22	20.12	20.17		
10	64QAM	50	0	19.98	20.21	20.06	20.05	19.93		
10	256QAM	1	0	18.09	18.28	18.06	17.91	18.00	19	5
10	256QAM	1	25	18.13	18.01	18.13	18.15	18.11		
10	256QAM	1	49	18.16	17.98	17.99	18.08	18.18		
10	256QAM	25	0	17.86	17.95	17.97	17.99	17.92	19	5
10	256QAM	25	12	18.08	17.89	17.93	17.90	18.07		
10	256QAM	25	25	17.93	18.08	17.91	17.83	17.98		
10	256QAM	50	0	18.19	18.05	18.08	18.17	18.10		
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	22.80	22.97	23.06	22.96	22.89	24.00	0
5	QPSK	1	12	22.72	22.79	22.91	22.81	22.67		
5	QPSK	1	24	22.90	22.67	22.97	22.85	22.92		
5	QPSK	12	0	22.06	22.10	22.19	22.14	21.97	23	1
5	QPSK	12	7	22.13	22.17	22.08	22.09	21.95		
5	QPSK	12	13	21.88	22.07	22.11	21.95	21.97		
5	QPSK	25	0	22.06	21.90	22.05	21.99	22.11		
5	16QAM	1	0	21.88	22.02	22.04	22.05	21.75	23	1
5	16QAM	1	12	21.75	22.12	22.25	21.78	22.07		
5	16QAM	1	24	21.88	22.21	21.82	22.06	22.17		
5	16QAM	12	0	20.89	21.11	21.09	20.93	21.01	22	2
5	16QAM	12	7	21.18	20.88	21.04	21.12	21.27		
5	16QAM	12	13	21.19	21.12	21.09	21.29	21.23		
5	16QAM	25	0	21.08	21.19	21.10	21.08	21.02		
5	64QAM	1	0	21.10	21.10	20.97	20.95	20.98	22	2
5	64QAM	1	12	20.89	20.89	20.93	21.04	21.09		
5	64QAM	1	24	20.93	20.95	21.12	21.08	21.23		
5	64QAM	12	0	19.95	19.90	20.13	20.25	20.28	21	3
5	64QAM	12	7	20.14	20.13	20.11	20.04	20.22		
5	64QAM	12	13	20.10	19.98	20.15	20.14	20.10		
5	64QAM	25	0	20.00	20.17	20.14	20.16	20.00		
5	256QAM	1	0	18.00	18.27	18.11	17.93	17.98	19	5
5	256QAM	1	12	18.13	17.98	18.22	18.22	18.11		
5	256QAM	1	24	18.18	17.91	18.06	17.98	18.20		
5	256QAM	12	0	17.83	17.87	18.09	18.00	17.94	19	5
5	256QAM	12	7	18.08	17.79	17.90	17.98	18.00		
5	256QAM	12	13	17.94	17.93	17.87	17.85	18.01		
5	256QAM	25	0	18.25	18.14	18.10	18.27	18.05		

LTE Band 41_HPUE Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.95	25.98	26.15	26.10	26.01	27	0
20	QPSK	1	49	25.96	25.87	26.04	25.87	25.96		
20	QPSK	1	99	26.08	25.92	26.12	25.92	25.87		
20	QPSK	50	0	25.12	25.17	25.21	25.02	25.08	26	1
20	QPSK	50	24	25.17	24.89	25.14	25.17	24.93		
20	QPSK	50	50	25.12	24.84	25.10	24.86	25.11		
20	QPSK	100	0	25.10	25.05	25.18	24.87	25.17		
20	16QAM	1	0	25.20	25.19	25.28	25.31	25.30	26	1
20	16QAM	1	49	25.35	25.18	25.24	25.37	25.23		
20	16QAM	1	99	25.40	25.37	25.13	25.32	25.13		
20	16QAM	50	0	24.00	24.07	24.07	24.24	24.14	25	2
20	16QAM	50	24	24.20	24.11	24.01	24.21	24.00		
20	16QAM	50	50	23.96	23.90	24.21	24.01	24.21		
20	16QAM	100	0	24.13	24.03	24.12	24.19	23.97		
20	64QAM	1	0	24.43	24.43	24.52	24.46	24.56	25	2
20	64QAM	1	49	24.39	24.61	24.41	24.57	24.61		
20	64QAM	1	99	24.37	24.52	24.50	24.46	24.59		
20	64QAM	50	0	23.16	22.91	23.09	23.07	23.23	24	3
20	64QAM	50	24	23.03	23.14	23.15	23.16	23.25		
20	64QAM	50	50	23.13	23.19	23.11	23.21	22.93		
20	64QAM	100	0	22.94	23.26	22.99	23.24	23.08		
20	256QAM	1	0	21.03	21.08	21.07	21.17	21.15	22	5
20	256QAM	1	49	21.11	21.22	21.17	20.96	21.11		
20	256QAM	1	99	20.92	21.23	21.23	21.06	20.93		
20	256QAM	50	0	20.96	21.12	21.08	21.02	20.96	22	5
20	256QAM	50	24	20.91	21.01	21.01	21.15	20.95		
20	256QAM	50	50	21.02	20.90	20.97	21.08	21.13		
20	256QAM	100	0	21.23	21.25	21.11	21.24	21.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.87	25.80	26.09	25.95	25.84	27.00	0
15	QPSK	1	37	25.87	25.80	25.91	25.71	25.78		
15	QPSK	1	74	25.90	25.77	26.01	25.86	25.79		
15	QPSK	36	0	24.93	24.99	25.14	24.94	24.99	26	1
15	QPSK	36	20	25.03	24.78	24.95	25.01	24.76		
15	QPSK	36	39	24.99	24.71	25.01	24.80	25.04		
15	QPSK	75	0	24.94	24.94	25.13	24.76	25.13		
15	16QAM	1	0	25.12	25.04	25.08	25.25	25.20	26	1
15	16QAM	1	37	25.25	25.02	25.20	25.33	25.08		
15	16QAM	1	74	25.22	25.18	25.07	25.16	25.00		
15	16QAM	36	0	23.92	23.91	23.93	24.13	23.98	25	2
15	16QAM	36	20	24.06	23.96	23.91	24.14	23.91		
15	16QAM	36	39	23.77	23.81	24.13	23.87	24.09		
15	16QAM	75	0	24.03	23.85	23.94	24.10	23.82		
15	64QAM	1	0	24.24	24.24	24.39	24.37	24.41	25	2
15	64QAM	1	37	24.24	24.56	24.23	24.44	24.56		
15	64QAM	1	74	24.19	24.37	24.32	24.42	24.45		
15	64QAM	36	0	23.01	22.82	22.90	22.97	23.13	24	3
15	64QAM	36	20	22.91	22.97	23.01	23.11	23.11		
15	64QAM	36	39	22.99	23.10	23.05	23.02	22.87		
15	64QAM	75	0	22.85	23.21	22.94	23.19	23.02		
15	256QAM	1	0	20.83	20.97	20.88	20.98	21.02	22	5
15	256QAM	1	37	20.93	21.16	21.04	20.86	21.01		
15	256QAM	1	74	20.78	21.11	21.14	20.93	20.76		
15	256QAM	36	0	20.85	20.97	21.00	20.93	20.88	22	5
15	256QAM	36	20	20.76	20.84	20.90	21.01	20.84		
15	256QAM	36	39	20.96	20.75	20.80	20.93	21.06		
15	256QAM	75	0	21.12	21.19	20.97	21.18	21.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.86	26.06	25.92	25.84	27.00	0
10	QPSK	1	25	25.78	25.80	25.93	25.67	25.78		
10	QPSK	1	49	25.95	25.74	25.95	25.79	25.76		
10	QPSK	25	0	24.98	25.01	25.16	24.95	24.99	26	1
10	QPSK	25	12	25.08	24.70	25.10	25.14	24.84		
10	QPSK	25	25	24.98	24.76	24.93	24.78	24.98		
10	QPSK	50	0	24.92	24.88	25.09	24.76	25.12		
10	16QAM	1	0	25.09	25.02	25.21	25.15	25.14	26	1
10	16QAM	1	25	25.18	25.06	25.15	25.29	25.09		
10	16QAM	1	49	25.33	25.19	24.98	25.16	25.02		
10	16QAM	25	0	23.87	24.03	23.98	24.14	24.08	25	2
10	16QAM	25	12	24.04	24.01	23.96	24.04	23.94		
10	16QAM	25	25	23.91	23.75	24.15	23.85	24.02		
10	16QAM	50	0	23.99	23.93	23.97	24.03	23.82		
10	64QAM	1	0	24.27	24.35	24.35	24.39	24.37	25	2
10	64QAM	1	25	24.23	24.53	24.32	24.46	24.47		
10	64QAM	1	49	24.21	24.45	24.34	24.35	24.48		
10	64QAM	25	0	23.00	22.77	22.98	22.97	23.10	24	3
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LTE Band 2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel / Frequency (MHz)	Power Middle Ch. / 18900 / 1880	Power High Ch. / 19100 / 1900	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	0	23.33	23.46	23.41	24.5	0
20	QPSK	1	49	23.15	23.41	23.28		
20	QPSK	1	99	23.33	23.42	23.31		
20	QPSK	50	0	22.45	22.61	22.60	23.5	1
20	QPSK	50	24	22.58	22.58	22.40		
20	QPSK	50	50	22.53	22.55	22.54		
20	QPSK	100	0	22.56	22.57	22.50		
20	16QAM	1	0	22.97	23.01	22.73	23.5	1
20	16QAM	1	49	23.13	23.12	23.10		
20	16QAM	1	99	23.06	23.11	23.08		
20	16QAM	50	0	21.29	21.46	21.47	22.5	2
20	16QAM	50	24	21.55	21.40	21.35		
20	16QAM	50	50	21.43	21.44	21.42		
20	16QAM	100	0	21.33	21.29	21.52		
20	64QAM	1	0	21.32	21.44	21.38	22.5	2
20	64QAM	1	49	21.52	21.48	21.49		
20	64QAM	1	99	21.34	21.60	21.37		
20	64QAM	50	0	20.70	20.59	20.69	21.5	3
20	64QAM	50	24	20.70	20.57	20.64		
20	64QAM	50	50	20.59	20.65	20.59		
20	64QAM	100	0	20.75	20.53	20.75		
20	256QAM	1	0	18.73	18.78	18.89	19.5	5
20	256QAM	1	49	18.76	18.77	18.89		
20	256QAM	1	99	18.74	18.70	18.62		
20	256QAM	50	0	18.58	18.63	18.55	19.5	5
20	256QAM	50	24	18.46	18.73	18.53		
20	256QAM	50	50	18.59	18.53	18.67		
20	256QAM	100	0	18.78	18.73	18.55		
	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
15	QPSK	1	0	23.14	23.39	23.36	24.5	0
15	QPSK	1	37	22.98	23.35	23.22		
15	QPSK	1	74	23.23	23.34	23.17		
15	QPSK	36	0	22.38	22.46	22.44	23.5	1
15	QPSK	36	20	22.38	22.42	22.31		
15	QPSK	36	39	22.42	22.36	22.46		
15	QPSK	75	0	22.39	22.50	22.40		
15	16QAM	1	0	22.84	22.84	22.56	23.5	1
15	16QAM	1	37	22.98	22.96	22.99		
15	16QAM	1	74	22.97	22.91	22.94		
15	16QAM	36	0	21.09	21.41	21.36	22.5	2
15	16QAM	36	20	21.40	21.22	21.15		
15	16QAM	36	39	21.30	21.40	21.34		
15	16QAM	75	0	21.19	21.25	21.37		
15	64QAM	1	0	21.27	21.33	21.22	22.5	2
15	64QAM	1	37	21.41	21.42	21.44		
15	64QAM	1	74	21.18	21.47	21.24		
15	64QAM	36	0	20.52	20.40	20.61	21.5	3
15	64QAM	36	20	20.66	20.41	20.59		
15	64QAM	36	39	20.48	20.46	20.53		
15	64QAM	75	0	20.67	20.42	20.70		
15	256QAM	1	0	18.57	18.66	18.81	19.5	5
15	256QAM	1	37	18.62	18.61	18.72		
15	256QAM	1	74	18.59	18.63	18.43		
15	256QAM	36	0	18.39	18.58	18.36	19.5	5
15	256QAM	36	20	18.36	18.68	18.45		
15	256QAM	36	39	18.47	18.41	18.61		
15	256QAM	75	0	18.59	18.56	18.41		
	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
10	QPSK	1	0	23.22	23.33	23.30	24.5	0
10	QPSK	1	25	23.06	23.25	23.16		
10	QPSK	1	49	23.27	23.37	23.11		
10	QPSK	25	0	22.31	22.48	22.50	23.5	1
10	QPSK	25	12	22.46	22.49	22.24		
10	QPSK	25	25	22.40	22.48	22.43		
10	QPSK	50	0	22.38	22.47	22.40		
10	16QAM	1	0	22.82	22.97	22.60	23.5	1
10	16QAM	1	25	22.98	23.01	22.91		
10	16QAM	1	49	22.88	22.99	22.93		
10	16QAM	25	0	21.10	21.26	21.41	22.5	2
10	16QAM	25	12	21.50	21.28	21.29		
10	16QAM	25	25	21.35	21.33	21.26		
10	16QAM	50	0	21.22	21.18	21.46		
10	64QAM	1	0	21.27	21.34	21.26	22.5	2
10	64QAM	1	25	21.36	21.31	21.35		
10	64QAM	1	49	21.21	21.55	21.26		
10	64QAM	25	0	20.62	20.53	20.63	21.5	3
10	64QAM	25	12	20.57	20.44	20.49		
10	64QAM	25	25	20.51	20.54	20.48		
10	64QAM	50	0	20.59	20.47	20.61		
10	256QAM	1	0	18.62	18.70	18.84	19.5	5
10	256QAM	1	25	18.70	18.58	18.70		
10	256QAM	1	49	18.64	18.62	18.55		
10	256QAM	25	0	18.47	18.45	18.41	19.5	5
10	256QAM	25	12	18.34	18.61	18.45		
10	256QAM	25	25	18.45	18.47	18.57		
10	256QAM	50	0	18.65	18.56	18.50		
	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.37	23.27	24.5	0
5	QPSK	1	12	22.98	23.29	23.23		
5	QPSK	1	24	23.18	23.37	23.12		
5	QPSK	12	0	22.38	22.45	22.47	23.5	1
5	QPSK	12	7	22.52	22.52	22.23		
5	QPSK	12	13	22.34	22.51	22.39		
5	QPSK	25	0	22.48	22.41	22.44		
5	16QAM	1	0	22.85	22.85	22.55	23.5	1
5	16QAM	1	12	22.98	23.02	22.95		
5	16QAM	1	24	22.87	22.97	22.96		
5	16QAM	12	0	21.25	21.33	21.40	22.5	2
5	16QAM	12	7	21.49	21.25	21.21		
5	16QAM	12	13	21.31	21.30	21.31		
5	16QAM	25	0	21.14	21.23	21.46		
5	64QAM	1	0	21.25	21.38	21.29	22.5	2
5	64QAM	1	12	21.34	21.38	21.42		
5	64QAM	1	24	21.29	21.45	21.24		
5	64QAM	12	0	20.60	20.47	20.62	21.5	3
5	64QAM	12	7	20.53	20.44	20.54		
5	64QAM	12	13	20.40	20.52	20.40		
5	64QAM	25	0	20.69	20.45	20.66		
5	256QAM	1	0	18.64	18.72	18.71	19.5	5
5	256QAM	1	12	18.63	18.62	18.72		
5	256QAM	1	24	18.59	18.62	18.43		
5	256QAM	12	0	18.50	18.46	18.46	19.5	5
5	256QAM	12	7	18.30	18.59	18.33		
5	256QAM	12	13	18.46	18.45	18.58		
5	256QAM	25	0	18.61	18.64	18.45		
	Channel			18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	23.22	23.42	23.22	24.5	0
3	QPSK	1	8	23.10	23.25	23.14		
3	QPSK	1	14	23.22	23.38	23.26		
3	QPSK	8	0	22.38	22.54	22.51	23.5	1
3	QPSK	8	4	22.52	22.46	22.27		
3	QPSK	8	7	22.46	22.50	22.45		
3	QPSK	15	0	22.38	22.50	22.40		
3	16QAM	1	0	22.82	22.86	22.59	23.5	1
3	16QAM	1	8	23.07	22.93	22.92		
3	16QAM	1	14	22.99	22.93	22.95		
3	16QAM	8	0	21.14	21.37	21.28	22.5	2
3	16QAM	8	4	21.38	21.25	21.30		
3	16QAM	8	7	21.32	21.33	21.34		
3	16QAM	15	0	21.24	21.11	21.42		
3	64QAM	1	0	21.22	21.36	21.29	22.5	2
3	64QAM	1	8	21.43	21.36	21.45		
3	64QAM	1	14	21.27	21.52	21.22		
3	64QAM	8	0	20.85	20.40	20.54	21.5	3
3	64QAM	8	4	20.61	20.40	20.53		
3	64QAM	8	7	20.52	20.52	20.45		
3	64QAM	15	0	20.61	20.45	20.60		
3	256QAM	1	0	18.59	18.66	18.72	19.5	5
3	256QAM	1	8	18.60	18.69	18.80		
3	256QAM	1	14	18.54	18.54	18.54		
3	256QAM	8	0	18.44	18.58	18.47	19.5	5
3	256QAM	8	4	18.40	18.56	18.37		
3	256QAM	8	7	18.51	18.44	18.61		
3	256QAM	15	0	18.61	18.60	18.36		
	Channel			18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	23.17	23.40	23.30	24.5	0
1.4	QPSK	1	3	22.99	23.26	23.18		
1.4	QPSK	1	5	23.23	23.31	23.26		
1.4	QPSK	3	0	23.28	23.39	23.28		
1.4	QPSK	3	1	23.02	23.26	23.14		
1.4	QPSK	3	3	23.24	23.37	23.11		
1.4	QPSK	6	0	22.28	22.46	22.38	23.5	1
1.4	16QAM	1	0	22.40	22.30	22.18	23.5	1
1.4	16QAM	1	3	22.31	22.37	22.26		
1.4	16QAM	1	5	22.34	22.45	22.27		
1.4	16QAM	3	0	22.71	22.69	22.47		
1.4	16QAM	3	1	22.85	22.75	22.87		
1.4	16QAM	3	3	22.80	22.83	22.88		
1.4	16QAM	6	0	21.00	21.31	21.12	22.5	2
1.4	64QAM	1	0	21.21	21.14	21.12	22.5	2
1.4	64QAM	1	3	21.21	21.28	21.21		
1.4	64QAM	1	5	21.10	21.04	21.36		
1.4	64QAM	3	0	21.15	21.30	21.13		
1.4	64QAM	3	1	21.35	21.25	21.28		
1.4	64QAM	3	3	21.08	21.37	21.04		
1.4	64QAM	6	0	20.54	20.27	20.47	21.5	3
1.4	256QAM	1	0	18.67	18.61	18.75	19.5	5
1.4	256QAM	1	3	18.60	18.66	18.70		
1.4	256QAM	1	5	18.62	18.62	18.56		
1.4	256QAM	3	0	18.50	18.56	18.48		
1.4	256QAM	3	1	18.30	18.60	18.40		
1.4	256QAM	3	3	18.40	18.37	18.51		
1.4	256QAM	6	0	18.62	18.60	18.38	19.5	5

LTE Band 4 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel / Frequency (MHz)	Power Middle Ch. / 20050 / 1720	Power High Ch. / 20300 / 1745	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	0	23.57	23.67	23.51	24.5	0
20	QPSK	1	49	23.43	23.65	23.39		
20	QPSK	1	99	23.56	23.61	23.39		
20	QPSK	50	0	22.68	22.67	22.69	23.5	1
20	QPSK	50	24	22.81	22.76	22.62		
20	QPSK	50	50	22.55	22.77	22.80		
20	QPSK	100	0	22.79	22.62	22.58		
20	16QAM	1	0	23.06	23.00	22.75	23.5	1
20	16QAM	1	49	22.90	22.86	22.91		
20	16QAM	1	99	22.91	23.11	22.90		
20	16QAM	50	0	21.93	21.90	22.03	22.5	2
20	16QAM	50	24	21.76	21.85	22.07		
20	16QAM	50	50	21.77	22.00	21.89		
20	16QAM	100	0	21.83	21.80	21.97		
20	64QAM	1	0	21.96	22.04	21.91	22.5	2
20	64QAM	1	49	21.87	21.95	21.96		
20	64QAM	1	99	21.91	21.91	21.87		
20	64QAM	50	0	20.95	20.89	21.04	21.5	3
20	64QAM	50	24	21.04	20.82	20.82		
20	64QAM	50	50	21.06	20.78	20.94		
20	64QAM	100	0	21.04	20.81	21.00		
20	256QAM	1	0	18.72	18.72	18.56	19.5	5
20	256QAM	1	49	18.58	18.71	18.54		
20	256QAM	1	99	18.69	18.75	18.74		
20	256QAM	50	0	19.01	18.88	18.75	19.5	5
20	256QAM	50	24	18.93	18.70	18.71		
20	256QAM	50	50	18.76	18.77	19.00		
20	256QAM	100	0	19.06	18.93	18.85		
	Channel			20175	20300	20425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	23.42	23.54	23.41	24.5	0
15	QPSK	1	37	23.28	23.51	23.23		
15	QPSK	1	74	23.37	23.43	23.28		
15	QPSK	36	0	22.62	22.80	22.53	23.5	1
15	QPSK	36	20	22.71	22.60	22.44		
15	QPSK	36	39	22.43	22.66	22.69		
15	QPSK	75	0	22.62	22.75	22.47		
15	16QAM	1	0	22.87	22.90	22.69	23.5	1
15	16QAM	1	37	22.94	23.01	22.99		
15	16QAM	1	74	22.75	23.05	22.70		
15	16QAM	36	0	21.79	21.75	21.87	22.5	2
15	16QAM	36	20	21.70	21.72	22.03		
15	16QAM	36	39	21.63	21.96	21.72		
15	16QAM	75	0	21.73	21.86	21.81		
15	64QAM	1	0	21.89	21.98	21.76	22.5	2
15	64QAM	1	37	21.75	21.76	21.78		
15	64QAM	1	74	21.80	21.83	21.80		
15	64QAM	36	0	20.80	20.70	20.86	21.5	3
15	64QAM	36	20	20.91	20.77	20.64		
15	64QAM	36	39	20.88	20.66	20.81		
15	64QAM	75	0	20.96	20.69	20.95		
15	256QAM	1	0	18.68	18.54	18.45	19.5	5
15	256QAM	1	37	18.45	18.56	18.39		
15	256QAM	1	74	18.52	18.64	18.63		
15	256QAM	36	0	18.52	18.69	18.67	19.5	5
15	256QAM	36	20	18.80	18.67	18.59		
15	256QAM	36	39	18.68	18.63	18.93		
15	256QAM	75	0	18.96	18.78	18.65		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	23.45	23.58	23.32	24.5	0
10	QPSK	1	25	23.24	23.59	23.31		
10	QPSK	1	49	23.47	23.51	23.27		
10	QPSK	25	0	22.59	22.72	22.55	23.5	1
10	QPSK	25	12	22.64	22.57	22.44		
10	QPSK	25	25	22.38	22.65	22.74		
10	QPSK	50	0	22.73	22.74	22.50		
10	16QAM	1	0	23.01	22.82	22.69	23.5	1
10	16QAM	1	25	22.85	22.72	22.96		
10	16QAM	1	49	22.86	22.98	22.80		
10	16QAM	25	0	21.82	21.76	21.84	22.5	2
10	16QAM	25	12	21.59	21.68	21.94		
10	16QAM	25	25	21.62	21.92	21.80		
10	16QAM	50	0	21.73	21.81	21.71		
10	64QAM	1	0	21.83	21.98	21.86	22.5	2
10	64QAM	1	25	21.82	21.88	21.88		
10	64QAM	1	49	21.77	21.77	21.72		
10	64QAM	25	0	20.79	20.82	20.97	21.5	3
10	64QAM	25	12	20.87	20.76	20.68		
10	64QAM	25	25	20.99	20.63	20.82		
10	64QAM	50	0	20.95	20.66	20.89		
10	256QAM	1	0	18.63	18.64	18.38	19.5	5
10	256QAM	1	25	18.40	18.61	18.39		
10	256QAM	1	49	18.54	18.70	18.70		
10	256QAM	25	0	18.93	18.83	18.68	19.5	5
10	256QAM	25	12	18.77	18.60	18.63		
10	256QAM	25	25	18.57	18.60	18.95		
10	256QAM	50	0	18.97	18.78	18.78		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	23.41	23.62	23.42	24.5	0
5	QPSK	1	12	23.30	23.48	23.31		
5	QPSK	1	24	23.49	23.51	23.28		
5	QPSK	12	0	22.70	22.70	22.63	23.5	1
5	QPSK	12	7	22.65	22.61	22.46		
5	QPSK	12	13	22.36	22.68	22.62		
5	QPSK	25	0	22.71	22.71	22.53		
5	16QAM	1	0	22.90	22.88	22.65	23.5	1
5	16QAM	1	12	22.78	22.77	22.83		
5	16QAM	1	24	22.76	22.98	22.77		
5	16QAM	12	0	21.81	21.73	21.83	22.5	2
5	16QAM	12	7	21.70	21.80	22.00		
5	16QAM	12	13	21.66	21.88	21.74		
5	16QAM	25	0	21.78	21.96	21.93		
5	64QAM	1	0	21.84	21.89	21.80	22.5	2
5	64QAM	1	12	21.73	21.81	21.91		
5	64QAM	1	24	21.83	21.86	21.76		
5	64QAM	12	0	20.81	20.70	20.86	21.5	3
5	64QAM	12	7	20.92	20.76	20.76		
5	64QAM	12	13	20.94	20.61	20.85		
5	64QAM	25	0	20.92	20.63	20.80		
5	256QAM	1	0	18.56	18.53	18.41	19.5	5
5	256QAM	1	12	18.50	18.54	18.38		
5	256QAM	1	24	18.52	18.56	18.73		
5	256QAM	12	0	18.96	18.71	18.60	19.5	5
5	256QAM	12	7	18.83	18.67	18.52		
5	256QAM	12	13	18.64	18.62	18.94		
5	256QAM	25	0	18.86	18.70	18.73		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	23.41	23.59	23.36	24.5	0
3	QPSK	1	8	23.33	23.53	23.26		
3	QPSK	1	14	23.50	23.46	23.29		
3	QPSK	8	0	22.66	22.79	22.59	23.5	1
3	QPSK	8	4	22.76	22.71	22.54		
3	QPSK	8	7	22.37	22.66	22.68		
3	QPSK	15	0	22.70	22.66	22.48		
3	16QAM	1	0	22.86	22.84	22.60	23.5	1
3	16QAM	1	8	22.79	22.74	22.82		
3	16QAM	1	14	22.85	22.92	22.76		
3	16QAM	8	0	21.75	21.74	21.90	22.5	2
3	16QAM	8	4	21.66	21.73	21.96		
3	16QAM	8	7	21.58	21.81	21.74		
3	16QAM	15	0	21.67	21.63	21.81		
3	64QAM	1	0	21.85	22.00	21.77	22.5	2
3	64QAM	1	8	21.68	21.81	21.86		
3	64QAM	1	14	21.84	21.74	21.77		
3	64QAM	8	0	20.79	20.72	21.00	21.5	3
3	64QAM	8	4	20.92	20.76	20.74		
3	64QAM	8	7	21.02	20.69	20.83		
3	64QAM	15	0	20.98	20.70	20.91		
3	256QAM	1	0	18.57	18.59	18.38	19.5	5
3	256QAM	1	8	18.40	18.64	18.34		
3	256QAM	1	14	18.55	18.66	18.66		
3	256QAM	8	0	18.88	18.74	18.66	19.5	5
3	256QAM	8	4	18.74	18.61	18.54		
3	256QAM	8	7	18.60	18.70	18.92		
3	256QAM	15	0	18.90	18.77	18.77		
	Channel			19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.51	23.38	24.5	0
1.4	QPSK	1	3	23.26	23.50	23.24		
1.4	QPSK	1	5	23.42	23.43	23.24		
1.4	QPSK	3	0	23.40	23.59	23.46		
1.4	QPSK	3	1	23.29	23.46	23.26		
1.4	QPSK	3	3	23.48	23.52	23.23		
1.4	QPSK	6	0	22.38	22.66	22.44	23.5	1
1.4	16QAM	1	0	22.64	22.54	22.46	23.5	1
1.4	16QAM	1	3	22.27	22.57	22.57		
1.4	16QAM	1	5	22.65	22.61	22.32		
1.4	16QAM	3	0	22.81	22.65	22.56		
1.4	16QAM	3	1	22.61	22.57	22.67		
1.4	16QAM	3	3	22.81	22.78	22.70		
1.4	16QAM	6	0	21.57	21.84	21.67	22.5	2
1.4	64QAM	1	0	21.52	21.69	21.92	22.5	2
1.4	64QAM	1	3	21.51	21.68	21.57		
1.4	64QAM	1	5	21.60	21.49	21.64		
1.4	64QAM	3	0	21.76	21.93	21.72		
1.4	64QAM	3	1	21.56	21.84	21.76		
1.4	64QAM	3	3	21.77	21.58	21.61		
1.4	64QAM	6	0	20.72	20.67	20.95	21.5	3
1.4	256QAM	1	0	18.58	18.67	18.39	19.5	5
1.4	256QAM	1	3	18.44	18.63	18.43		
1.4	256QAM	1	5	18.53	18.68	18.69		
1.4	256QAM	3	0	18.87	18.69	18.57		
1.4	256QAM	3	1	18.80	18.60	18.55		
1.4	256QAM	3	3	18.63	18.62	18.88		
1.4	256QAM	6	0	19.01	18.79	18.71	19.5	5

LTE Band 25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel / Frequency (MHz)	Power Middle Ch. / 26140 / 1860	Power High Ch. / 26340 / 1880	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	0	23.41	23.56	23.35	24.5	0
20	QPSK	1	49	23.44	23.49	23.44		
20	QPSK	1	99	23.49	23.51	23.50		
20	QPSK	50	0	22.55	22.63	22.44	23.5	1
20	QPSK	50	24	22.54	22.59	22.54		
20	QPSK	50	50	22.37	22.61	22.37		
20	QPSK	100	0	22.59	22.61	22.53		
20	16QAM	1	0	22.64	22.82	22.58	23.5	1
20	16QAM	1	49	22.78	22.83	22.64		
20	16QAM	1	99	22.88	22.70	22.91		
20	16QAM	50	0	21.60	21.62	21.77

LTE Band 42
FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.60	22.70	22.59		
20	QPSK	1	49	22.47	22.58	22.53	24	0
20	QPSK	1	99	22.64	22.60	22.58		
20	QPSK	50	0	21.68	21.85	21.62		
20	QPSK	50	24	21.73	21.85	21.56	23	1
20	QPSK	50	50	21.81	21.76	21.54		
20	QPSK	100	0	21.67	21.72	21.68		
20	16QAM	1	0	21.30	21.61	21.63		
20	16QAM	1	49	21.63	21.57	21.71	23	1
20	16QAM	1	99	21.66	21.58	21.66		
20	16QAM	50	0	20.73	20.66	20.67		
20	16QAM	50	24	20.52	20.77	20.70	22	2
20	16QAM	50	50	20.80	20.50	20.72		
20	16QAM	100	0	20.63	20.56	20.56		
20	64QAM	1	0	20.70	20.73	20.79		
20	64QAM	1	49	20.86	20.83	20.66	22	2
20	64QAM	1	99	20.63	20.89	20.89		
20	64QAM	50	0	19.78	19.68	19.55		
20	64QAM	50	24	19.86	19.62	19.73	21	3
20	64QAM	50	50	19.74	19.72	19.59		
20	64QAM	100	0	19.61	19.72	19.62		
20	256QAM	1	0	17.73	17.68	17.77		
20	256QAM	1	49	17.81	17.72	17.48	19	5
20	256QAM	1	99	17.64	17.57	17.55		
20	256QAM	50	0	17.82	17.75	17.78		
20	256QAM	50	24	17.62	17.79	17.59	19	5
20	256QAM	50	50	17.61	17.61	17.70		
20	256QAM	100	0	17.84	17.75	17.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.55	22.62	22.47		
15	QPSK	1	37	22.41	22.49	22.49	24	0
15	QPSK	1	74	22.55	22.51	22.53		
15	QPSK	36	0	21.61	21.71	21.58		
15	QPSK	36	20	21.67	21.74	21.53	23	1
15	QPSK	36	39	21.76	21.74	21.41		
15	QPSK	75	0	21.55	21.61	21.56		
15	16QAM	1	0	21.21	21.54	21.58		
15	16QAM	1	37	21.59	21.50	21.68	23	1
15	16QAM	1	74	21.61	21.50	21.63		
15	16QAM	36	0	20.59	20.54	20.55		
15	16QAM	36	20	20.46	20.66	20.62	22	2
15	16QAM	36	39	20.76	20.47	20.66		
15	16QAM	75	0	20.50	20.51	20.54		
15	64QAM	1	0	20.57	20.67	20.70		
15	64QAM	1	37	20.73	20.76	20.59	22	2
15	64QAM	1	74	20.58	20.82	20.82		
15	64QAM	36	0	19.76	19.61	19.45		
15	64QAM	36	20	19.76	19.57	19.67	21	3
15	64QAM	36	39	19.61	19.63	19.49		
15	64QAM	75	0	19.55	19.59	19.50		
15	256QAM	1	0	17.67	17.61	17.67		
15	256QAM	1	37	17.69	17.64	17.38	19	5
15	256QAM	1	74	17.52	17.48	17.52		
15	256QAM	36	0	17.72	17.63	17.75		
15	256QAM	36	20	17.49	17.70	17.54	19	5
15	256QAM	36	39	17.48	17.51	17.65		
15	256QAM	75	0	17.75	17.72	17.60		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.55	22.65	22.51		
10	QPSK	1	25	22.37	22.50	22.51	24	0
10	QPSK	1	49	22.56	22.56	22.54		
10	QPSK	25	0	21.55	21.73	21.59		
10	QPSK	25	12	21.61	21.73	21.43	23	1
10	QPSK	25	25	21.77	21.70	21.47		
10	QPSK	50	0	21.62	21.63	21.62		
10	16QAM	1	0	21.24	21.48	21.56		
10	16QAM	1	25	21.59	21.50	21.59	23	1
10	16QAM	1	49	21.58	21.52	21.53		
10	16QAM	25	0	20.68	20.57	20.60		
10	16QAM	25	12	20.47	20.63	20.62	22	2
10	16QAM	25	25	20.77	20.38	20.62		
10	16QAM	50	0	20.55	20.50	20.47		
10	64QAM	1	0	20.61	20.63	20.72		
10	64QAM	1	25	20.79	20.70	20.53	22	2
10	64QAM	1	49	20.56	20.82	20.76		
10	64QAM	25	0	19.66	19.55	19.43		
10	64QAM	25	12	19.84	19.58	19.70	21	3
10	64QAM	25	25	19.70	19.60	19.48		
10	64QAM	50	0	19.58	19.68	19.48		
10	256QAM	1	0	17.68	17.62	17.65		
10	256QAM	1	25	17.73	17.67	17.44	19	5
10	256QAM	1	49	17.60	17.49	17.51		
10	256QAM	25	0	17.73	17.68	17.73		
10	256QAM	25	12	17.49	17.68	17.48	19	5
10	256QAM	25	25	17.50	17.57	17.58		
10	256QAM	50	0	17.73	17.65	17.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.48	22.61	22.46		
5	QPSK	1	12	22.44	22.50	22.45	24	0
5	QPSK	1	24	22.55	22.56	22.46		
5	QPSK	12	0	21.58	21.72	21.57		
5	QPSK	12	7	21.67	21.73	21.49	23	1
5	QPSK	12	13	21.77	21.70	21.45		
5	QPSK	25	0	21.54	21.59	21.55		
5	16QAM	1	0	21.27	21.48	21.60		
5	16QAM	1	12	21.56	21.51	21.58	23	1
5	16QAM	1	24	21.56	21.51	21.61		
5	16QAM	12	0	20.68	20.53	20.54		
5	16QAM	12	7	20.49	20.75	20.64	22	2
5	16QAM	12	13	20.78	20.46	20.58		
5	16QAM	25	0	20.56	20.48	20.50		
5	64QAM	1	0	20.66	20.66	20.67		
5	64QAM	1	12	20.81	20.73	20.64	22	2
5	64QAM	1	24	20.55	20.77	20.76		
5	64QAM	12	0	19.68	19.58	19.47		
5	64QAM	12	7	19.77	19.51	19.64	21	3
5	64QAM	12	13	19.65	19.61	19.49		
5	64QAM	25	0	19.54	19.68	19.57		
5	256QAM	1	0	17.59	17.61	17.72		
5	256QAM	1	12	17.75	17.58	17.43	19	5
5	256QAM	1	24	17.58	17.43	17.43		
5	256QAM	12	0	17.69	17.64	17.74		
5	256QAM	12	7	17.57	17.75	17.53	19	5
5	256QAM	12	13	17.48	17.57	17.63		
5	256QAM	25	0	17.80	17.63	17.63		

LTE Band 42 Ant6
FCC (3.5GHz Band) (3450-3550MHz) Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.98	22.95	22.79		
20	QPSK	1	49	22.87	22.81	22.90	24	0
20	QPSK	1	99	22.94	22.68	22.95		
20	QPSK	50	0	21.97	21.84	21.69		
20	QPSK	50	24	21.80	21.78	21.54	23	1
20	QPSK	50	50	21.81	21.81	21.78		
20	QPSK	100	0	21.93	21.78	21.65		
20	16QAM	1	0	21.79	21.73	21.86		
20	16QAM	1	49	21.70	21.70	21.94	23	1
20	16QAM	1	99	21.94	21.86	21.97		
20	16QAM	50	0	20.79	20.82	20.94		
20	16QAM	50	24	20.85	20.75	20.89	22	2
20	16QAM	50	50	20.66	20.67	20.71		
20	16QAM	100	0	20.85	20.72	20.64		
20	64QAM	1	0	20.85	20.70	20.91		
20	64QAM	1	49	20.84	20.78	20.90	22	2
20	64QAM	1	99	21.00	20.82	20.71		
20	64QAM	50	0	19.80	19.76	19.89		
20	64QAM	50	24	19.62	19.83	19.91	21	3
20	64QAM	50	50	19.80	19.65	19.83		
20	64QAM	100	0	19.85	19.92	19.70		
20	256QAM	1	0	17.90	17.97	17.84		
20	256QAM	1	49	17.97	17.91	18.07	19	5
20	256QAM	1	99	18.07	17.87	17.84		
20	256QAM	50	0	17.86	17.70	17.82		
20	256QAM	50	24	17.83	17.92	17.74	19	5
20	256QAM	50	50	17.73	17.79	17.91		
20	256QAM	100	0	17.96	18.03	18.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.93	22.79	22.70		
15	QPSK	1	37	22.76	22.63	22.77	24	0
15	QPSK	1	74	22.83	22.52	22.83		
15	QPSK	36	0	21.74	21.79	21.65		
15	QPSK	36	20	21.63	21.70	21.42	23	1
15	QPSK	36	39	21.74	21.76	21.73		
15	QPSK	75	0	21.66	21.65	21.58		
15	16QAM	1	0	21.69	21.67	21.71		
15	16QAM	1	37	21.61	21.54	21.80	23	1
15	16QAM	1	74	21.84	21.79	21.87		
15	16QAM	36	0	20.71	20.74	20.74		
15	16QAM	36	20	20.66	20.68	20.73	22	2
15	16QAM	36	39	20.61	20.63	20.67		
15	16QAM	75	0	20.79	20.57	20.45		
15	64QAM	1	0	20.72	20.54	20.85		
15	64QAM	1	37	20.73	20.73	20.82	22	2
15	64QAM	1	74	20.87	20.72	20.53		
15	64QAM	36	0	19.66	19.66	19.81		
15	64QAM	36	20	19.48	19.72	19.73	21	3
15	64QAM	36	39	19.73	19.46	19.70		
15	64QAM	75	0	19.80	19.86	19.59		
15	256QAM	1	0	17.85	17.85	17.70		
15	256QAM	1	37	17.87	17.81	17.89	19	5
15	256QAM	1	74	17.70	17.77	17.80		
15	256QAM	36	0	17.73	17.66	17.67		
15	256QAM	36	20	17.72	17.78	17.55	19	5
15	256QAM	36	39	17.58	17.71	17.85		
15	256QAM	75	0	17.91	17.93	17.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.85	22.86	22.72		
10	QPSK	1	25	22.68	22.68	22.72	24	0
10	QPSK	1	49	22.89	22.60	22.83		
10	QPSK	25	0	21.68	21.69	21.65		
10	QPSK	25	12	21.73	21.68	21.36	23	1
10	QPSK	25	25	21.67	21.71	21.60		
10	QPSK	50	0	21.67	21.72	21.49		
10	16QAM	1	0	21.60	21.56	21.74		
10	16QAM	1	25	21.58	21.64	21.84	23	1
10	16QAM	1	49	21.87	21.75	21.86		
10	16QAM	25	0	20.69	20.67	20.87		
10	16QAM	25	12	20.75	20.64	20.83	22	2
10	16QAM	25	25	20.60	20.55	20.57		
10	16QAM	50	0	20.80	20.55	20.58		
10	64QAM	1	0	20.70	20.64	20.87		
10	64QAM	1	25	20.73	20.69	20.81	22	2
10	64QAM	1	49	20.80	20.64	20.52		
10	64QAM	25	0	19.63	19.63	19.78		
10	64QAM	25	12	19.50	19.77	19.75	21	3
10	64QAM	25	25	19.72	19.50	19.73		
10	64QAM	50	0	19.72	19.82	19.51		
10	256QAM	1	0	17.70	17.78	17.66		
10	256QAM	1	25	17.79	17.82	17.95	19	5
10	256QAM	1	49	17.91	17.67	17.75		
10	256QAM	25	0	17.70	17.63	17.72		
10	256QAM	25	12	17.64	17.80	17.62	19	5
10	256QAM	25	25	17.56	17.60	17.82		
10	256QAM	50	0	17.91	17.90	17.93		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.90	22.91	22.70		
5	QPSK	1	12	22.81	22.66	22.82	24	0
5	QPSK	1	24	22.87	22.54	22.85		
5	QPSK	12	0	21.78	21.79	21.57		
5	QPSK	12	7	21.63	21.70	21.43	23	1
5	QPSK	12	13	21.68	21.71	21.63		
5	QPSK	25	0	21.74	21.65	21.47		
5	16QAM	1	0	21.59	21.68	21.70		
5	16QAM	1	12	21.52	21.52	21.76	23	1
5	16QAM	1	24	21.78	21.75	21.92		
5	16QAM	12	0	20.60	20.77	20.86		
5	16QAM	12	7	20.70	20.62	20.77	22	2
5	16QAM	12	13	20.51	20.51	20.65		
5	16QAM	25	0	20.76	20.61	20.50		
5	64QAM	1	0	20.73	20.56	20.87		
5	64QAM	1	12	20.67	20.64	20.82	22	2
5	64QAM	1	24	20.85	20.68	20.52		
5	64QAM	12	0	19.70	19.57	19.71		
5	64QAM	12	7	19.55	19.70	19.86	21	3
5	64QAM	12	13	19.60	19.52	19.64		
5	64QAM	25	0	19.74	19.73	19.64		
5	256QAM	1	0	17.78	17.80	17.69		
5	256QAM	1	12	17.91	17.76	17.94	19	5
5	256QAM	1	24	17.92	17.78	17.76		
5	256QAM	12	0	17.77	17.64	17.76		
5	256QAM	12	7	17.65	17.83	17.62	19	5
5	256QAM	12	13	17.65	17.72	17.82		
5	256QAM	25	0	17.76	17.95	17.90		

LTE Band 43 Ant6
(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44490	44790		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67		
20	QPSK	1	49	22.60	22.68	22.65	24	0
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66		
20	QPSK	50	24	21.79	21.87	21.61	23	1
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65		
20	16QAM	1	49	21.73	21.60	21.75	23	1
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75		
20	16QAM	50	24	20.63	20.80	20.78	22	2
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86		
20	64QAM	1	49	20.96	20.94	20.78	22	2
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60		
20	64QAM	50	24	19.91	19.75	19.79	21	3
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83		
20	256QAM	1	49	17.85	17.80	17.56	19	5
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83		
20	256QAM	50	24	17.69	17.84	17.62	19	5
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44490	44815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56		
15	QPSK	1	37	22.45	22.60	22.58	24	0
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48		
15	QPSK	36	20	21.60	21.75	21.55	23	1
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54		
15	16QAM	1	37	21.63	21.41	21.62	23	1
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70		
15	16QAM	36	20	20.47	20.66	20.72	22	2
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72		
15	64QAM	1	37	20.85	20.87	20.63	22	2
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53		
15	64QAM	36	20	19.80	19.59	19.61	21	3
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63		
15	256QAM	1	37	17.73	17.71	17.51	19	5
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67		
15	256QAM	36	20	17.53	17.74	17.50	19	5
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44490	44840	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.56	22.53		
10	QPSK	1	25	22.46	22.55	22.59	24	0
10	QPSK	1	49	22.61	22.45	22.58		
10	QPSK	25	0	21.67	21.83	21.54		
10	QPSK	25	12	21.61	21.75	21.47	23	1
10	QPSK	25	25	21.67	21.73	21.42		
10	QPSK	50	0	21.69	21.76	21.73		
10	16QAM	1	0	21.26	21.49	21.51		
10	16QAM	1	25	21.58	21.50	21.66	23	1
10	16QAM	1	49	21.63	21.58	21.63		
10	16QAM	25	0	20.79	20.60	20.61		
10	16QAM	25	12	20.53	20.62	20.65	22	2
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67		
10	64QAM	1	25	20.88	20.80	20.67	22	2
10	64QAM	1	49	20.54	20.56	20.80		
10	64QAM	25	0	19.69	19.68	19.53		
10	64QAM	25	12	19.84	19.70	19.67	21	3
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74		
10	256QAM	1	25	17.76	17.67	17.39	19	5
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73		
10	256QAM	25	12	17.62	17.69	17.44	19	5
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44490	44865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.55	22.54	22.57		
5	QPSK	1	12	22.44	22.56	22.51	24	0
5	QPSK	1	24	22.59	22.52	22.51		
5	QPSK	12	0	21.61	21.75	21.52		
5	QPSK	12	7	21.66	21.82	21.57	23	1
5	QPSK	12	13	21.68	21.70	21.57		
5	QPSK	25	0	21.64	21.77	21.73		
5	16QAM	1	0	21.31	21.56	21.54		
5	16QAM	1	12	21.64	21.48	21.59	23	1
5	16QAM	1	24	21.62	21.56	21.54		
5	16QAM	12	0	20.68	20.71	20.68		
5	16QAM	12	7	20.43	20.61	20.67	22	2
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79		
5	64QAM	1	12	20.86	20.84	20.64	22	2
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48		
5	64QAM	12	7	19.86	19.60	19.64	21	3
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69		
5	256QAM	1	12	17.70	17.68	17.51	19	5
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70		
5	256QAM	12	7	17.52	17.76	17.49	19	5
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6
FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.66	22.72	22.66	22.63	22.45	
20	QPSK	1	49	22.55	22.70	22.64	22.63	22.59	24	0
20	QPSK	1	99	22.52	22.65	22.60	22.48	22.58	
20	QPSK	50	0	21.89	21.92	21.87	21.67	21.78	
20	QPSK	50	24	21.81	21.83	21.74	21.84	21.70	23	1
20	QPSK	50	50	21.75	21.90	21.83	21.89	21.69	
20	QPSK	100	0	21.83	21.88	21.81	21.86	21.79	
20	16QAM	1	0	21.59	21.66	21.54	21.74	21.73	
20	16QAM	1	49	21.71	21.82	21.69	21.51

Reduced Power Mode for DSI1 Standalone

<WCDMA>

		WCDMA II Ant 1				WCDMA IV Ant 1				WCDMA V Ant 1			
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	21.38	21.41	21.38	22.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMC 12.2Kbps	21.41	21.43	21.39	22.00	23.26	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	20.18	20.40	20.32	21.00	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	20.11	20.35	20.28	21.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	19.57	19.90	19.74	20.50	21.87	21.82	21.83	22.50	21.82	21.93	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	19.75	19.69	19.87	20.50	21.69	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.14	20.20	20.18	21.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.15	20.23	20.32	21.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.82	19.89	19.88	20.50	21.67	21.77	21.82	22.50	21.86	21.92	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.90	19.80	19.98	20.50	21.86	21.84	21.71	22.50	21.84	21.91	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	20.00	20.45	20.43	21.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	18.24	18.49	18.23	19.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	19.37	19.34	19.32	20.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	18.22	18.26	18.36	19.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	20.22	20.28	20.23	21.00	22.42	22.36	22.27	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.74	17.75	17.72	18.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.42	21.48	21.46	22.5	0
20	QPSK	1	49	21.32	21.43	21.29		
20	QPSK	1	99	21.38	21.27	21.33		
20	QPSK	50	0	21.41	21.45	21.38	22.5	0
20	QPSK	50	24	21.32	21.25	21.31		
20	QPSK	50	50	21.32	21.39	21.33		
20	QPSK	100	0	21.31	21.40	21.35		
20	16QAM	1	0	21.09	21.29	21.07	22.5	0
20	16QAM	1	49	21.10	21.18	21.29		
20	16QAM	1	99	21.11	21.26	21.18		
20	16QAM	50	0	21.24	21.24	21.29	22.5	0
20	16QAM	50	24	21.17	21.24	21.17		
20	16QAM	50	50	21.11	21.03	21.27		
20	16QAM	100	0	21.09	21.31	21.20		
20	64QAM	1	0	21.39	21.26	20.98	22.5	0
20	64QAM	1	49	21.03	21.06	21.20		
20	64QAM	1	99	21.25	21.23	21.28		
20	64QAM	50	0	20.42	20.46	20.42	21.5	1
20	64QAM	50	24	20.39	20.62	20.57		
20	64QAM	50	50	20.40	20.30	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.66	19.5	3
20	256QAM	1	49	18.51	18.52	18.64		
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34	19.5	3
20	256QAM	50	24	18.30	18.55	18.44		
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.37	21.42	21.32	22.5	0
15	QPSK	1	37	21.14	21.27	21.24		
15	QPSK	1	74	21.29	21.16	21.26		
15	QPSK	36	0	21.34	21.34	21.24	22.5	0
15	QPSK	36	20	21.14	21.06	21.20		
15	QPSK	36	39	21.21	21.20	21.21		
15	QPSK	75	0	21.12	21.35	21.18		
15	16QAM	1	0	21.00	21.19	21.03	22.5	0
15	16QAM	1	37	21.00	21.08	21.22		
15	16QAM	1	74	20.93	21.21	20.99		
15	16QAM	36	0	21.17	21.13	21.11	22.5	0
15	16QAM	36	20	21.04	21.12	20.99		
15	16QAM	36	39	21.04	20.87	21.08		
15	16QAM	75	0	21.01	21.16	21.14		
15	64QAM	1	0	21.30	21.07	20.84	22.5	0
15	64QAM	1	37	20.86	20.94	21.11		
15	64QAM	1	74	21.15	21.14	21.19		
15	64QAM	36	0	20.35	20.36	20.36	21.5	1
15	64QAM	36	20	20.28	20.50	20.42		
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58	19.5	3
15	256QAM	1	37	18.46	18.45	18.54		
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25	19.5	3
15	256QAM	36	20	18.14	18.38	18.33		
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.24	21.41	21.34	22.5	0
10	QPSK	1	25	21.16	21.35	21.15		
10	QPSK	1	49	21.27	21.13	21.28		
10	QPSK	25	0	21.34	21.32	21.29	22.5	0
10	QPSK	25	12	21.25	21.20	21.16		
10	QPSK	25	25	21.18	21.20	21.19		
10	QPSK	50	0	21.21	21.22	21.25		
10	16QAM	1	0	20.95	21.17	20.94	22.5	0
10	16QAM	1	25	20.99	21.10	21.25		
10	16QAM	1	49	21.04	21.10	21.13		
10	16QAM	25	0	21.07	21.20	21.16	22.5	0
10	16QAM	25	12	21.06	21.08	21.11		
10	16QAM	25	25	20.93	20.93	21.16		
10	16QAM	50	0	20.97	21.15	21.15		
10	64QAM	1	0	21.25	21.11	20.83	22.5	0
10	64QAM	1	25	20.95	21.01	21.12		
10	64QAM	1	49	21.18	21.09	21.13		
10	64QAM	25	0	20.34	20.34	20.27	21.5	1
10	64QAM	25	12	20.28	20.47	20.45		
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54	19.5	3
10	256QAM	1	25	18.47	18.48	18.54		
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16	19.5	3
10	256QAM	25	12	18.26	18.49	18.39		
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.26	21.41	21.33	22.5	0
5	QPSK	1	12	21.21	21.33	21.17		
5	QPSK	1	24	21.27	21.12	21.16		
5	QPSK	12	0	21.35	21.39	21.29	22.5	0
5	QPSK	12	7	21.27	21.18	21.16		
5	QPSK	12	13	21.21	21.34	21.18		
5	QPSK	25	0	21.19	21.26	21.30		
5	16QAM	1	0	20.96	21.11	21.02	22.5	0
5	16QAM	1	12	20.92	21.06	21.22		
5	16QAM	1	24	20.91	21.06	21.06		
5	16QAM	12	0	21.11	21.17	21.14	22.5	0
5	16QAM	12	7	21.09	21.18	21.12		
5	16QAM	12	13	21.02	20.88	21.14		
5	16QAM	25	0	20.90	21.21	21.12		
5	64QAM	1	0	21.35	21.07	20.91	22.5	0
5	64QAM	1	12	20.96	20.95	21.11		
5	64QAM	1	24	21.12	21.07	21.13		
5	64QAM	12	0	20.36	20.31	20.31	21.5	1
5	64QAM	12	7	20.30	20.55	20.41		
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50	19.5	3
5	256QAM	1	12	18.33	18.33	18.54		
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30	19.5	3
5	256QAM	12	7	18.21	18.35	18.31		
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.30	21.30	21.28	22.5	0
3	QPSK	1	8	21.23	21.36	21.19		
3	QPSK	1	14	21.28	21.23	21.25		
3	QPSK	8	0	21.33	21.41	21.22	22.5	0
3	QPSK	8	4	21.23	21.15	21.18		
3	QPSK	8	7	21.18	21.24	21.24		
3	QPSK	15	0	21.25	21.32	21.24		
3	16QAM	1	0	21.03	21.23	20.92	22.5	0
3	16QAM	1	8	20.94	21.12	21.11		
3	16QAM	1	14	21.01	21.11	21.07		
3	16QAM	8	0	21.05	21.18	21.23	22.5	0
3	16QAM	8	4	21.02	21.10	21.06		
3	16QAM	8	7	20.94	20.89	21.11		
3	16QAM	15	0	20.94	21.18	21.14		
3	64QAM	1	0	21.23	21.13	20.87	22.5	0
3	64QAM	1	8	20.86	20.91	21.04		
3	64QAM	1	14	21.09	21.18	21.09		
3	64QAM	8	0	20.32	20.30	20.28	21.5	1
3	64QAM	8	4	20.27	20.53	20.42		
3	64QAM	8	7	20.26	20.20	20.39		
3	64QAM	15	0	20.24	20.36	20.35		
3	256QAM	1	0	18.52	18.39	18.52	19.5	3
3	256QAM	1	8	18.35	18.35	18.51		
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18	19.5	3
3	256QAM	8	4	18.17	18.48	18.35		
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.30	21.41	21.39	22.5	0
1.4	QPSK	1	3	21.27	21.36	21.18		
1.4	QPSK	1	5	21.21	21.18	21.22		
1.4	QPSK	3	0	21.22	21.26	21.29		
1.4	QPSK	3	1	21.28	21.09	21.21		
1.4	QPSK	3	3	21.27	21.31	21.21		
1.4	QPSK	6	0	21.18	21.35	21.30	22.5	0
1.4	16QAM	1	0	21.00	21.25	20.88	22.5	0
1.4	16QAM	1	3	20.93	21.06	21.23		
1.4	16QAM	1	5	20.93	21.14	21.02		
1.4	16QAM	3	0	21.06	21.08	21.14		
1.4	16QAM	3	1	21.09	21.13	20.99		
1.4	16QAM	3	3	21.05	20.83	21.10		
1.4	16QAM	6	0	21.01	21.22	21.15	22.5	0
1.4	64QAM	1	0	21.31	21.08	20.86	22.5	0
1.4	64QAM	1	3	20.88	20.94	21.01		
1.4	64QAM	1	5	21.10	21.16	21.10		
1.4	64QAM	3	0	21.26	21.33	21.30		
1.4	64QAM	3	1	21.13	21.32	21.25		
1.4	64QAM	3	3	21.29	21.15	21.26		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	1
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	3
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.46	19.5	3

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.31	23.33	25.27	24.5	0
20	QPSK	1	49	23.29	23.25	23.23		
20	QPSK	1	99	23.20	23.23	23.30		
20	QPSK	50	0	22.45	22.46	22.38	23.5	1
20	QPSK	50	24	22.40	22.35	22.40		
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.75	22.70	22.80	23.5	1
20	16QAM	1	49	22.70	22.74	22.58		
20	16QAM	1	99	22.61	22.84	22.60		
20	16QAM	50	0	21.37	21.42	21.39	22.5	2
20	16QAM	50	24	21.42	21.45	21.35		
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68	22.5	2
20	64QAM	1	49	21.43	21.40	21.58		
20	64QAM	1	99	21.60	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64	21.5	3
20	64QAM	50	24	20.42	20.55	20.60		
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52	19.5	5
20	256QAM	1	49	18.60	18.63	18.56		
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59	19.5	5
20	256QAM	50	24	18.55	18.49	18.43		
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.23	23.24	25.21	24.5	0
15	QPSK	1	37	23.11	23.27	23.08		
15	QPSK	1	74	23.05	23.18	23.20		
15	QPSK	36	0	22.32	22.49	22.41	23.5	1
15	QPSK	36	20	22.21	22.48	22.27		
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.55	22.54	22.69	23.5	1
15	16QAM	1	37	22.61	22.61	22.49		
15	16QAM	1	74	22.54	22.73	22.48		
15	16QAM	36	0	21.30	21.35	21.21	22.5	2
15	16QAM	36	20	21.29	21.40	21.16		
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51	22.5	2
15	64QAM	1	37	21.27	21.34	21.41		
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44	21.5	3
15	64QAM	36	20	20.24	20.46	20.43		
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44	19.5	5
15	256QAM	1	37	18.41	18.59	18.49		
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44	19.5	5
15	256QAM	36	20	18.45	18.40	18.34		
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.32	23.24	25.14	24.5	0
10	QPSK	1	25	23.21	23.20	23.11		
10	QPSK	1	49	23.10	23.15	23.13		
10	QPSK	25	0	22.39	22.52	22.35	23.5	1
10	QPSK	25	12	22.27	22.38	22.33		
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61	23.5	1
10	16QAM	1	25	22.64	22.69	22.44		
10	16QAM	1	49	22.41	22.71	22.48		
10	16QAM	25	0	21.18	21.32	21.24	22.5	2
10	16QAM	25	12	21.28	21.36	21.22		
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60	22.5	2
10	64QAM	1	25	21.37	21.25	21.45		
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49	21.5	3
10	64QAM	25	12	20.32	20.44	20.46		
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38	19.5	5
10	256QAM	1	25	18.45	18.49	18.41		
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53	19.5	5
10	256QAM	25	12	18.37	18.39	18.27		
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.28	23.29	25.19	24.5	0
5	QPSK	1	12	23.10	23.29	23.19		
5	QPSK	1	24	23.02	23.19	23.16		
5	QPSK	12	0	22.25	22.49	22.34	23.5	1
5	QPSK	12	7	22.24	22.41	22.29		
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.64	22.74	23.5	1
5	16QAM	1	12	22.68	22.69	22.50		
5	16QAM	1	24	22.54	22.75	22.49		
5	16QAM	12	0	21.18	21.29	21.31	22.5	2
5	16QAM	12	7	21.27	21.28	21.30		
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58	22.5	2
5	64QAM	1	12	21.29	21.29	21.42		
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53	21.5	3
5	64QAM	12	7	20.22	20.43	20.41		
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43	19.5	5
5	256QAM	1	12	18.43	18.53	18.46		
5	256QAM	1	24	18.43	18.24	18.46		
5	256QAM	12	0	18.48	18.31	18.45	19.5	5
5	256QAM	12	7	18.49	18.40	18.36		
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.28	23.31	25.20	24.5	0
3	QPSK	1	8	23.18	23.21	23.15		
3	QPSK	1	14	23.12	23.28	23.24		
3	QPSK	8	0	22.27	22.48	22.31	23.5	1
3	QPSK	8	4	22.26	22.37	22.34		
3	QPSK	8	7	22.24	22.38	22.26		
3	QPSK	15	0	22.34	22.30	22.23		
3	16QAM	1	0	22.59	22.60	22.66	23.5	1
3	16QAM	1	8	22.64	22.54	22.48		
3	16QAM	1	14	22.56	22.66	22.44		
3	16QAM	8	0	21.26	21.31	21.26	22.5	2
3	16QAM	8	4	21.35	21.33	21.22		
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52	22.5	2
3	64QAM	1	8	21.33	21.21	21.42		
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55	21.5	3
3	64QAM	8	4	20.27	20.38	20.42		
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48	19.5	5
3	256QAM	1	8	18.41	18.48	18.41		
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53	19.5	5
3	256QAM	8	4	18.38	18.29	18.24		
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.22	23.28	25.18	24.5	0
1.4	QPSK	1	3	23.18	23.16	23.15		
1.4	QPSK	1	5	23.01	23.25	23.17		
1.4	QPSK	3	0	23.23	23.23	23.10		
1.4	QPSK	3	1	23.24	23.25	23.11		
1.4	QPSK	3	3	23.14	23.15	23.15		
1.4	QPSK	6	0	22.08	22.39	22.24	23.5	1
1.4	16QAM	1	0	22.22	22.32	22.28	23.5	1
1.4	16QAM	1	3	22.18	22.30	22.18		
1.4	16QAM	1	5	22.20	22.11	22.12		
1.4	16QAM	3	0	22.43	22.36	22.31		
1.4	16QAM	3	1	22.34	22.40	22.41		
1.4	16QAM	3	3	22.48	22.34	22.25		
1.4	16QAM	6	0	21.10	21.26	21.15	22.5	2
1.4	64QAM	1	0	21.27	21.26	21.03	22.5	2
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09		
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	3
1.4	256QAM	1	0	18.33	18.40	18.41	19.5	5
1.4	256QAM	1	3	18.56	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20450	Power Middle Ch. / 20525	Power High Ch. / 20600	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.97	24.03	24.01	25	0
10	QPSK	1	25	23.87	24.00	23.81		
10	QPSK	1	49	24.00	24.02	23.97		
10	QPSK	25	0	23.09	23.16	23.04	24	1
10	QPSK	25	12	23.08	23.05	22.81		
10	QPSK	25	25	22.82	23.06	22.88		
10	QPSK	50	0	23.03	23.06	22.91		
10	16QAM	1	0	23.10	23.36	23.21	24	1
10	16QAM	1	25	23.49

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.16	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.20	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23060	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.90	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.06		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.84	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.94		
3	64QAM	1	0	22.23	22.19	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.85	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.67	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11		25	0
10	QPSK	1	25		24.02			
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15		24	1
10	QPSK	25	12		22.99			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15		24	1
10	16QAM	1	25		23.21			
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14		23	2
10	16QAM	25	12		22.11			
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24		23	2
10	64QAM	1	25		22.19			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15		22	3
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	5
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.98	23.99	23.93	25	0
5	QPSK	1	12	23.94	23.91	23.86		
5	QPSK	1	24	23.67	23.67	23.65		
5	QPSK	12	0	23.01	23.05	23.00	24	1
5	QPSK	12	7	22.88	22.82	22.83		
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02	24	1
5	16QAM	1	12	23.07	23.05	23.01		
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09	23	2
5	16QAM	12	7	21.91	21.94	21.93		
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05	23	2
5	64QAM	1	12	22.00	22.08	22.04		
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05	22	3
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	5
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87	20	5
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.13		25	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09		23	2
10	16QAM	25	12		22.15			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13		23	2
10	64QAM	1	25		22.14			
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09		22	3
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	5
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97	25	0
5	QPSK	1	12	24.05	23.92	23.91		
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94	24	1
5	QPSK	12	7	22.92	22.95	22.85		
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11	24	1
5	16QAM	1	12	22.97	23.10	23.04		
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97	23	2
5	16QAM	12	7	21.98	21.97	22.04		
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09	23	2
5	64QAM	1	12	22.00	22.05	22.01		
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89	22	3
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.06	20	5
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94	20	5
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.49	21.53	21.44	22.5	0
20	QPSK	1	49	21.13	21.30	21.33		
20	QPSK	1	99	21.45	21.26	21.45		
20	QPSK	50	0	21.47	21.51	21.38	22.5	0
20	QPSK	50	24	21.30	21.46	21.34		
20	QPSK	50	50	21.34	21.20	21.13		
20	QPSK	100	0	21.20	21.33	21.31		
20	16QAM	1	0	21.39	21.08	21.12	22.5	0
20	16QAM	1	49	21.37	21.33	21.29		
20	16QAM	1	99	21.21	21.28	21.33		
20	16QAM	50	0	21.23	21.19	21.22	22.5	0
20	16QAM	50	24	21.26	21.41	21.23		
20	16QAM	50	50	21.35	21.24	21.27		
20	16QAM	100	0	21.21	21.20	21.11		
20	64QAM	1	0	21.33	21.05	21.38	22.5	0
20	64QAM	1	49	21.30	21.37	21.43		
20	64QAM	1	99	21.35	21.33	21.45		
20	64QAM	50	0	20.75	20.57	20.59	21.5	1
20	64QAM	50	24	20.73	20.40	20.68		
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.69	18.74	19.5	3
20	256QAM	1	49	18.84	18.70	18.83		
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.52	18.45	19.5	3
20	256QAM	50	24	18.54	18.66	18.51		
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.31	21.40	21.26	22.5	0
15	QPSK	1	37	21.00	21.19	21.24		
15	QPSK	1	74	21.31	21.16	21.39		
15	QPSK	36	0	21.31	21.47	21.19	22.5	0
15	QPSK	36	20	21.11	21.30	21.24		
15	QPSK	36	39	21.30	21.04	21.03		
15	QPSK	75	0	21.02	21.28	21.12		
15	16QAM	1	0	21.27	20.96	21.06	22.5	0
15	16QAM	1	37	21.27	21.15	21.15		
15	16QAM	1	74	21.03	21.18	21.29		
15	16QAM	36	0	21.18	21.03	21.14	22.5	0
15	16QAM	36	20	21.11	21.23	21.14		
15	16QAM	36	39	21.16	21.16	21.16		
15	16QAM	75	0	21.14	21.01	20.96		
15	64QAM	1	0	21.16	20.93	21.20	22.5	0
15	64QAM	1	37	21.14	21.18	21.24		
15	64QAM	1	74	21.19	21.20	21.32		
15	64QAM	36	0	20.71	20.38	20.52	21.5	1
15	64QAM	36	20	20.66	20.24	20.42		
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.38	18.51	18.66	19.5	3
15	256QAM	1	37	18.66	18.53	18.64		
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32	19.5	3
15	256QAM	36	20	18.35	18.59	18.35		
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.43	21.44	21.30	22.5	0
10	QPSK	1	25	21.07	21.13	21.23		
10	QPSK	1	49	21.36	21.19	21.29		
10	QPSK	25	0	21.28	21.45	21.19	22.5	0
10	QPSK	25	12	21.22	21.40	21.28		
10	QPSK	25	25	21.17	21.10	21.07		
10	QPSK	50	0	21.13	21.21	21.22		
10	16QAM	1	0	21.25	20.91	21.04	22.5	0
10	16QAM	1	25	21.23	21.17	21.22		
10	16QAM	1	49	21.01	21.15	21.21		
10	16QAM	25	0	21.14	21.04	21.15	22.5	0
10	16QAM	25	12	21.20	21.26	21.08		
10	16QAM	25	25	21.31	21.09	21.07		
10	16QAM	50	0	21.03	21.13	21.00		
10	64QAM	1	0	21.26	20.89	21.17	22.5	0
10	64QAM	1	25	21.18	21.23	21.33		
10	64QAM	1	49	21.31	21.15	21.30		
10	64QAM	25	0	20.64	20.51	20.49	21.5	1
10	64QAM	25	12	20.64	20.36	20.52		
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.36	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60	19.5	3
10	256QAM	1	25	18.77	18.65	18.74		
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29	19.5	3
10	256QAM	25	12	18.45	18.58	18.44		
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.42	21.43	21.36	22.5	0
5	QPSK	1	12	21.02	21.15	21.20		
5	QPSK	1	24	21.35	21.21	21.26		
5	QPSK	12	0	21.37	21.42	21.23	22.5	0
5	QPSK	12	7	21.23	21.34	21.20		
5	QPSK	12	13	21.21	21.14	20.98		
5	QPSK	25	0	21.09	21.27	21.22		
5	16QAM	1	0	21.35	20.89	20.96	22.5	0
5	16QAM	1	12	21.28	21.16	21.14		
5	16QAM	1	24	21.17	21.14	21.27		
5	16QAM	12	0	21.09	21.08	21.18	22.5	0
5	16QAM	12	7	21.19	21.27	21.18		
5	16QAM	12	13	21.17	21.06	21.17		
5	16QAM	25	0	21.16	21.03	21.06		
5	64QAM	1	0	21.25	20.93	21.20	22.5	0
5	64QAM	1	12	21.21	21.19	21.25		
5	64QAM	1	24	21.20	21.20	21.36		
5	64QAM	12	0	20.62	20.39	20.42	21.5	1
5	64QAM	12	7	20.65	20.21	20.44		
5	64QAM	12	13	20.55	20.53	20.48		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66	19.5	3
5	256QAM	1	12	18.69	18.50	18.66		
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35	19.5	3
5	256QAM	12	7	18.48	18.51	18.41		
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26025	26340	26655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.44	21.35	21.35	22.5	0
3	QPSK	1	8	21.00	21.13	21.21		
3	QPSK	1	14	21.27	21.19	21.39		
3	QPSK	8	0	21.34	21.31	21.20	22.5	0
3	QPSK	8	4	21.24	21.34	21.19		
3	QPSK	8	7	21.21	21.10	20.98		
3	QPSK	15	0	21.00	21.26	21.24		
3	16QAM	1	0	21.33	20.93	21.05	22.5	0
3	16QAM	1	8	21.21	21.19	21.14		
3	16QAM	1	14	21.02	21.10	21.27		
3	16QAM	8	0	21.15	21.04	21.03	22.5	0
3	16QAM	8	4	21.06	21.25	21.18		
3	16QAM	8	7	21.22	21.12	21.21		
3	16QAM	15	0	21.10	21.14	20.96		
3	64QAM	1	0	21.18	20.94	21.25	22.5	0
3	64QAM	1	8	21.18	21.20	21.28		
3	64QAM	1	14	21.22	21.23	21.41		
3	64QAM	8	0	20.58	20.47	20.52	21.5	1
3	64QAM	8	4	20.58	20.30	20.43		
3	64QAM	8	7	20.69	20.53	20.44		
3	64QAM	15	0	20.39	20.51	20.53		
3	256QAM	1	0	18.46	18.56	18.58	19.5	3
3	256QAM	1	8	18.77	18.59	18.73		
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29	19.5	3
3	256QAM	8	4	18.46	18.50	18.45		
3

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 26765	Power Middle Ch. / 26965	Power High Ch. / 27165	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26965	27165		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82		
15	QPSK	1	37	23.75	23.91	23.67	25	0
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78		
15	QPSK	36	20	22.74	22.95	22.95	24	1
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.78	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06		
15	16QAM	1	37	23.03	22.87	22.92	24	1
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.93	21.89	21.73		
15	16QAM	36	20	21.83	21.88	21.72	23	2
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24		
15	64QAM	1	37	22.11	22.19	22.20	23	2
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87		
15	64QAM	36	20	21.07	21.01	21.04	22	3
15	64QAM	36	39	21.00	20.79	20.99		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12		
15	256QAM	1	37	18.98	19.16	19.18	20	5
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.63	18.65		
15	256QAM	36	20	18.46	18.79	18.59	20	5
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26965	27190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.65		
10	QPSK	1	25	23.57	23.87	23.48	25	0
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.58		
10	QPSK	25	12	22.64	22.84	22.85	24	1
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99		
10	16QAM	1	25	22.90	22.79	22.83	24	1
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.63		
10	16QAM	25	12	21.75	21.84	21.54	23	2
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.65	21.85		
10	64QAM	1	0	22.18	22.07	22.07		
10	64QAM	1	25	21.97	22.10	22.12	23	2
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71		
10	64QAM	25	12	20.98	20.96	20.96	22	3
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94		
10	256QAM	1	25	18.85	19.04	19.05	20	5
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57		
10	256QAM	25	12	18.35	18.68	18.30	20	5
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26965	27215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64		
5	QPSK	1	12	23.58	23.85	23.51	25	0
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68		
5	QPSK	12	7	22.56	22.87	22.81	24	1
5	QPSK	12	13	22.78	22.88	22.69		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00		
5	16QAM	1	12	22.91	22.78	22.84	24	1
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.67		
5	16QAM	12	7	21.74	21.79	21.55	23	2
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12		
5	64QAM	1	12	22.04	22.06	22.09	23	2
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67		
5	64QAM	12	7	21.01	20.90	20.98	22	3
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06		
5	256QAM	1	12	18.79	19.05	19.11	20	5
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61		
5	256QAM	12	7	18.34	18.71	18.41	20	5
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26715	26965	27215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69		
3	QPSK	1	8	23.66	23.80	23.55	25	0
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.61		
3	QPSK	8	4	22.69	22.81	22.77	24	1
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97		
3	16QAM	1	8	22.93	22.71	22.81	24	1
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.65		
3	16QAM	8	4	21.74	21.74	21.64	23	2
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.62	21.65	21.92		
3	64QAM	1	0	22.19	22.13	22.19		
3	64QAM	1	8	22.04	22.10	22.15	23	2
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72		
3	64QAM	8	4	20.93	20.86	20.89	22	3
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96		
3	256QAM	1	8	18.87	19.04	19.00	20	5
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60		
3	256QAM	8	4	18.40	18.65	18.31	20	5
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
Channel				26697	26965	27233	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.74	23.85	23.63		
1.4	QPSK	1	3	23.64	23.87	23.55		
1.4	QPSK	1	5	23.64	23.86	23.79	25	0
1.4	QPSK	3	0	23.69	23.79	23.73		
1.4	QPSK	3	1	23.56	23.80	23.59		
1.4	QPSK	3	3	23.56	23.84	23.76		
1.4	QPSK	6	0	22.52	22.89	22.45	24	1
1.4	16QAM	1	0	22.60	22.75	22.69		
1.4	16QAM	1	3	22.58	22.68	22.69		
1.4	16QAM	1	5	22.40	22.86	22.75	24	1
1.4	16QAM	3	0	22.53	22.75	22.87		
1.4	16QAM	3	1	22.85	22.60	22.76		
1.4	16QAM	3	3	22.97	22.84	22.70		
1.4	16QAM	6	0	21.68	21.68	21.56	23	2
1.4	64QAM	1	0	21.69	21.70	21.48		
1.4	64QAM	1	3	21.43	21.59	21.89		
1.4	64QAM	1	5	21.55	21.58	21.73	23	2
1.4	64QAM	3	0	22.07	21.93	22.09		
1.4	64QAM	3	1	21.90	21.94	22.07		
1.4	64QAM	3	3	21.97	21.90	21.95		
1.4	64QAM	6	0	20.66	20.60	20.53	22	3
1.4	256QAM	1	0	18.92	18.91	19.07		
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11	20	5
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	5

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 132072	Power Middle Ch. / 132322	Power High Ch. / 132572	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.30	23.35	23.21		
20	QPSK	1	49	23.02	23.19	23.03	24.5	0
20	QPSK	1	99	23.26	23.29	23.22		
20	QPSK	50	0	22.34	22.38	22.11		
20	QPSK	50	24	22.19	22.37	22.19	23.5	1
20	QPSK	50	50	22.18	22.30	22.10		
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25		
20	16QAM	1	49	22.51	22.60	22.54	23.5	1
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15		
20	16QAM	50	24	21.33	21.30	21.18	22.5	2
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.36	21.31	21.46		
20	64QAM	1	49	21.35	21.43	21.14	22.5	2
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20		
20	64QAM	50	24	20.45	20.44	20.39	21.5	3
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50		
20	256QAM	1	49	18.49	18.67	18.55	19.5	5
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.26	18.41	18.31		
20	256QAM	50	24	18.41	18.32	18.38	19.5	5
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.20	23.19	23.13		
15	QPSK	1	37	22.97	23.05	22.88	24.5	0
15	QPSK	1	74	23.16	23.21	23.08		
15	QPSK	36	0	22.23	22.29	22.09		
15	QPSK	36	20	22.08	22.28	22.12	23.5	1
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21		
15	16QAM	1	37	22.32	22.49	22.49	23.5	1
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09		
15	16QAM	36	20	21.16	21.24	21.05	22.5	2
15	16QAM	36	39	21.05	21.16	21.31		
15	16QAM	75	0	21.19	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28		
15	64QAM	1	37	21.18	21.32	21.09	22.5	2
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07		
15	64QAM	36	20	20.26	20.27	20.23	21.5	3
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39		
15	256QAM	1	37	18.43	18.59	18.44	19.5	5
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16		
15	256QAM	36	20	18.34	18.27	18.23	19.5	5
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.31	23.06		
10	QPSK	1	25	22.91	23.00	22.98	24.5	0
10	QPSK	1	49	23.11	23.17	23.09		
10	QPSK	25	0	22.22	22.25	22.02		
10	QPSK	25	12	22.11	22.29	22.09	23.5	1
10	QPSK	25	25	22.09	22.21	22.01		
10	QPSK	50	0	22.27	22.20	22.16		
10	16QAM	1	0	22.47	22.37	22.07		
10	16QAM	1	25	22.44	22.49	22.35	23.5	1
10	16QAM	1	49	22.36	22.23	22.49		
10	16QAM	25	0	21.20	21.20	21.10		
10	16QAM	25	12	21.27	21.19	21.11	22.5	2
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41		
10	64QAM	1	25	21.30	21.29	21.03	22.5	2
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13		
10	64QAM	25	12	20.39	20.35	20.33	21.5	3
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43		
10	256QAM	1	25	18.30	18.55	18.49	19.5	5
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25		
10	256QAM	25	12	18.22	18.23	18.26	19.5	5
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.21	23.23	23.07		
5	QPSK	1	12	22.85	23.14	22.93	24.5	0
5	QPSK	1	24	23.08	23.17	23.05		
5	QPSK	12	0	22.27	22.33	21.93		
5	QPSK	12	7	22.02	22.29	22.09	23.5	1
5	QPSK	12	13	22.08	22.21	21.93		
5	QPSK	25	0	22.34	22.17	22.18		
5	16QAM	1	0	22.47	22.25	22.19		
5	16QAM	1	12	22.35	22.47	22.44	23.5	1
5	16QAM	1	24	22.41	22.21	22.59		
5	16QAM	12	0	21.26	21.13	21.06		
5	16QAM	12	7	21.24	21.18	21.09	22.5	2
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37		
5	64QAM	1	12	21.19	21.36	20.97	22.5	2
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13		
5	64QAM	12	7	20.39	20.30	20.24	21.5	3
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44		
5	256QAM	1	12	18.42	18.63	18.49	19.5	5
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24		
5	256QAM	12	7	18.38	18.16	18.30	19.5	5
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.12	23.30	23.03		
3	QPSK	1	8	22.93	23.03	22.85	24.5	0
3	QPSK	1	14	23.14	23.23	23.08		
3	QPSK	8	0	22.29	22.32	22.05		
3	QPSK	8	4	22.02	22.19	21.99	23.5	1
3	QPSK	8	7	22.08	22.24	22.02		
3	QPSK	15	0	22.32	22.16	22.20		
3	16QAM	1	0	22.39	22.32	22.17		
3	16QAM	1	8	22.36	22.44	22.37	23.5	1
3	16QAM	1	14	22.30	22.22	22.55		
3	16QAM	8	0	21.34	21.29	21.09		
3	16QAM	8	4	21.15	21.19	21.12	22.5	2
3	16QAM	8	7	21.09	21.28	21.25		
3	16QAM	15	0	21.07	21.03	21.15		
3	64QAM	1	0	21.23	21.20	21.37		
3	64QAM	1	8	21.19	21.36	21.10	22.5	2
3	64QAM	1	14	21.21	21.36	21.05		
3	64QAM	8	0	20.24	20.26	20.13		
3	64QAM	8	4	20.31	20.40	20.28	21.5	3
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.36		
3	256QAM	1	8	18.38	18.50	18.41	19.5	5
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19		
3	256QAM	8	4	18.37	18.13	18.30	19.5	5
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.22	23.16	23.02		
1.4	QPSK	1	3	22.83	23.09	22.84		
1.4	QPSK	1	5	23.18	23.10	23.15	24.5	0
1.4	QPSK	3	0	23.18	23.29	23.16		
1.4	QPSK	3	1	22.84	23.13	22.92		
1.4	QPSK	3	3	23.16	23.20	23.10		
1.4	QPSK	6	0	22.19	22.12	21.96	23.5	1
1.4	16QAM	1	0	21.92	22.14	21.79		
1.4	16QAM	1	3	21.93	22.04	21.89		
1.4	16QAM	1	5	22.25	22.10	22.09	23.5	1
1.4	16QAM	3	0	22.22	22.19	22.07		
1.4	16QAM	3	1	22.21	22.26	22.18		
1.4	16QAM	3	3	22.17	22.12	22.45		
1.4	16QAM	6	0	21.26	21.17	20.99	22.5	2
1.4	64QAM	1	0	21.08	21.11	21.00		
1.4	64QAM	1	3	21.00	21.23	21.21		
1.4	64QAM	1	5	20.96	20.88	21.02	22.5	2
1.4	64QAM	3	0	21.09	21.05	21.23		
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	3
1.4	256QAM	1	0	18.35	18.36	18.31		
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39	19.5	5
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	5

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 133222	Power Middle Ch. / 133297	Power High Ch. / 133372	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65		
20	QPSK	1	49	23.70	23.65	23.62	25	0
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70		
20	QPSK	50	24	22.66	22.79	22.60	24	1
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10		
20	16QAM	1	49	23.17	23.06	23.13	24	1
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67		
20	16QAM	50	24	21.72	21.70	21.91	23	2
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.28	22.11	22.25		
20	64QAM	1	49	22.02	21.98	21.96	23	2
20	64QAM	1	99	21.99	22.10	22.18		
20	64QAM	50	0	20.93	20.76	20.78		
20	64QAM	50	24	20.80	20.85	20.71	22	3
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90		
20	256QAM	1	49	18.87	18.88	19.00	20	5
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74		
20	256QAM	50	24	18.80	18.89	18.98	20	5
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.63	23.48		
15	QPSK	1	37	23.66	23.59	23.44	25	0
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.65	22.57		
15	QPSK	36	20	22.49	22.65	22.42	24	1
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.65	22.51		
15	16QAM	1	0	22.66	22.99	22.94		
15	16QAM	1	37	23.08	22.99	23.02	24	1
15	16QAM	1	74	22.87	22.88	23.03		
15	16QAM	36	0	21.73	21.69	21.48		
15	16QAM	36

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.99	23.15	23.12	24	0
20	QPSK	1	49	22.97	23.09	22.88		
20	QPSK	1	99	22.97	23.06	22.89		
20	QPSK	50	0	22.25	22.29	22.09	23	1
20	QPSK	50	24	21.97	22.22	22.08		
20	QPSK	50	50	22.18	22.24	22.13		
20	QPSK	100	0	22.10	22.27	21.98		
20	16QAM	1	0	21.98	22.04	22.12	23	1
20	16QAM	1	49	22.07	21.97	21.89		
20	16QAM	1	99	22.09	22.02	22.00		
20	16QAM	50	0	21.36	21.26	21.33	22	2
20	16QAM	50	24	21.14	21.16	21.35		
20	16QAM	50	50	21.40	21.19	21.26		
20	16QAM	100	0	21.11	21.28	21.31		
20	64QAM	1	0	21.24	21.21	21.37	22	2
20	64QAM	1	49	21.36	21.08	21.22		
20	64QAM	1	99	21.37	21.03	21.06		
20	64QAM	50	0	20.16	20.26	20.40	21	3
20	64QAM	50	24	20.17	20.23	20.30		
20	64QAM	50	50	20.32	20.19	20.40		
20	64QAM	100	0	20.12	20.31	20.28		
20	256QAM	1	0	18.22	18.13	18.08	19	5
20	256QAM	1	49	18.10	17.96	18.28		
20	256QAM	1	99	18.11	18.20	18.22		
20	256QAM	50	0	18.05	18.19	18.32	19	5
20	256QAM	50	24	18.21	18.20	18.22		
20	256QAM	50	50	18.04	18.15	18.05		
20	256QAM	100	0	18.20	18.19	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.85	22.95	22.97	24	0
15	QPSK	1	37	22.92	22.90	22.82		
15	QPSK	1	74	22.89	22.92	22.70		
15	QPSK	36	0	22.20	22.17	21.93	23	1
15	QPSK	36	20	21.79	22.15	21.99		
15	QPSK	36	39	22.00	22.16	22.04		
15	QPSK	75	0	21.96	22.11	21.83		
15	16QAM	1	0	21.81	21.87	22.01	23	1
15	16QAM	1	37	21.91	21.92	21.76		
15	16QAM	1	74	21.97	21.89	21.82		
15	16QAM	36	0	21.31	21.12	21.19	22	2
15	16QAM	36	20	20.96	21.10	21.28		
15	16QAM	36	39	21.36	21.01	21.18		
15	16QAM	75	0	20.95	21.13	21.22		
15	64QAM	1	0	21.11	21.05	21.24	22	2
15	64QAM	1	37	21.28	20.96	21.05		
15	64QAM	1	74	21.23	20.94	20.87		
15	64QAM	36	0	20.02	20.19	20.23	21	3
15	64QAM	36	20	20.09	20.18	20.24		
15	64QAM	36	39	20.25	20.13	20.31		
15	64QAM	75	0	19.97	20.20	20.10		
15	256QAM	1	0	18.09	18.06	17.96	19	5
15	256QAM	1	37	18.04	17.77	18.17		
15	256QAM	1	74	17.92	18.11	18.18		
15	256QAM	36	0	17.94	18.11	18.22	19	5
15	256QAM	36	20	18.13	18.04	18.13		
15	256QAM	36	39	17.91	18.05	17.93		
15	256QAM	75	0	18.07	18.12	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	23.10	23.03	24	0
10	QPSK	1	25	22.85	23.00	22.70		
10	QPSK	1	49	22.81	22.99	22.74		
10	QPSK	25	0	22.14	22.14	21.97	23	1
10	QPSK	25	12	21.92	22.03	21.92		
10	QPSK	25	25	22.08	22.14	22.02		
10	QPSK	50	0	21.96	22.22	21.84		
10	16QAM	1	0	21.86	21.96	21.94	23	1
10	16QAM	1	25	22.00	21.88	21.70		
10	16QAM	1	49	21.89	21.94	21.86		
10	16QAM	25	0	21.25	21.19	21.24	22	2
10	16QAM	25	12	21.08	20.97	21.21		
10	16QAM	25	25	21.35	21.07	21.14		
10	16QAM	50	0	21.05	21.20	21.26		
10	64QAM	1	0	21.04	21.06	21.31	22	2
10	64QAM	1	25	21.29	20.90	21.10		
10	64QAM	1	49	21.19	20.90	20.91		
10	64QAM	25	0	20.06	20.18	20.23	21	3
10	64QAM	25	12	20.05	20.18	20.11		
10	64QAM	25	25	20.15	20.11	20.20		
10	64QAM	50	0	19.92	20.12	20.19		
10	256QAM	1	0	18.14	18.02	17.92	19	5
10	256QAM	1	25	18.06	17.83	18.14		
10	256QAM	1	49	18.02	18.08	18.06		
10	256QAM	25	0	17.85	18.10	18.13	19	5
10	256QAM	25	12	18.17	18.14	18.11		
10	256QAM	25	25	18.00	18.02	17.90		
10	256QAM	50	0	18.13	18.05	18.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.85	23.09	23.05	24	0
5	QPSK	1	12	22.90	23.01	22.75		
5	QPSK	1	24	22.90	22.87	22.80		
5	QPSK	12	0	22.11	22.23	22.02	23	1
5	QPSK	12	7	21.89	22.09	21.90		
5	QPSK	12	13	22.08	22.12	21.94		
5	QPSK	25	0	21.90	22.11	21.86		
5	16QAM	1	0	21.90	21.89	21.94	23	1
5	16QAM	1	12	21.94	21.83	21.71		
5	16QAM	1	24	21.93	21.86	21.80		
5	16QAM	12	0	21.19	21.09	21.22	22	2
5	16QAM	12	7	21.09	21.04	21.15		
5	16QAM	12	13	21.32	21.07	21.22		
5	16QAM	25	0	21.01	21.20	21.24		
5	64QAM	1	0	21.07	21.05	21.25	22	2
5	64QAM	1	12	21.22	20.88	21.17		
5	64QAM	1	24	21.27	20.93	20.91		
5	64QAM	12	0	20.01	20.16	20.31	21	3
5	64QAM	12	7	20.13	20.17	20.12		
5	64QAM	12	13	20.13	19.99	20.36		
5	64QAM	25	0	20.07	20.14	20.12		
5	256QAM	1	0	18.15	17.95	18.01	19	5
5	256QAM	1	12	17.92	17.81	18.22		
5	256QAM	1	24	18.02	18.04	18.05		
5	256QAM	12	0	17.89	18.05	18.26	19	5
5	256QAM	12	7	18.11	18.14	18.12		
5	256QAM	12	13	17.99	18.05	17.88		
5	256QAM	25	0	18.08	18.10	18.12		

LTE Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	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	22.96	23.02	23.14	23.05	23.06	24	0
20	QPSK	1	49	22.85	22.93	23.03	22.93	22.83		
20	QPSK	1	99	22.95	22.84	23.09	22.91	23.12		
20	QPSK	50	0	22.19	22.23	22.26	22.20	22.13	23	1
20	QPSK	50	24	22.23	22.25	22.18	22.22	22.04		
20	QPSK	50	50	22.03	22.18	22.15	21.99	22.14		
20	QPSK	100	0	22.16	22.08	22.24	22.19	22.19		
20	16QAM	1	0	22.02	22.07	22.12	22.19	21.88	23	1
20	16QAM	1	49	21.95	22.21	22.29	21.98	22.14		
20	16QAM	1	99	22.01	22.28	22.00	22.13	22.28		
20	16QAM	50	0	21.03	21.19	21.18	21.10	21.17	22	2
20	16QAM	50	24	21.35	21.06	21.13	21.20	21.31		
20	16QAM	50	50	21.30	21.24	21.28	21.35	21.31		
20	16QAM	100	0	21.20	21.30	21.30	21.16	21.09		
20	64QAM	1	0	21.15	21.27	21.15	21.09	21.11	22	2
20	64QAM	1	49	20.98	20.97	21.09	21.16	21.17		
20	64QAM	1	99	21.00	21.06	21.29	21.14	21.27		
20	64QAM	50	0	20.08	20.07	20.19	20.30	20.35	21	3
20	64QAM	50	24	20.22	20.31	20.28	20.10	20.33		
20	64QAM	50	50	20.25	20.10	20.34	20.21	20.26		
20	64QAM	100	0	20.08	20.33	20.20	20.25	20.07		
20	256QAM	1	0	18.16	18.33	18.21	18.08	18.12	19	5
20	256QAM	1	49	18.28	18.16	18.29	18.30	18.24		
20	256QAM	1	99	18.24	18.08	18.19	18.12	18.29		
20	256QAM	50	0	17.99	18.01	18.14	18.13	18.10	19	5
20	256QAM	50	24	18.14	17.97	18.00	18.08	18.11		
20	256QAM	50	50	18.12	18.13	18.00	17.98	18.16		
20	256QAM	100	0	18.30	18.22	18.20	18.31	18.17		
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	22.84	22.88	23.02	22.89	22.88	24.00	0
15	QPSK	1	37	22.74	22.79	22.97	22.74	22.68		
15	QPSK	1	74	22.77	22.67	22.94	22.73	23.05		
15	QPSK	36	0	21.99	22.19	22.13	22.01	22.04	23	1
15	QPSK	36	20	22.16	22.14	22.01	22.13	21.96		
15	QPSK	36	39	21.93	22.10	22.03	21.91	22.08		
15	QPSK	75	0	21.99	21.99	22.15	22.10	22.05		
15	16QAM	1	0	21.86	21.95	21.95	22.07	21.84	23	1
15	16QAM	1	37	21.89	22.05	22.16	21.88	22.05		
15	16QAM	1	74	21.88	22.17	21.87	22.06	22.17		
15	16QAM	36	0	20.84	21.05	21.11	21.01	21.07	22	2
15	16QAM	36	20	21.16	20.86	20.96	21.09	21.25		
15	16QAM	36	39	21.24	21.08	21.11	21.18	21.21		
15	16QAM	75	0	21.16	21.20	21.22	20.99	20.90		
15	64QAM	1	0	21.08	21.15	21.03	20.93	20.97	22	2
15	64QAM	1	37	20.85	20.81	20.92	21.02	21.01		
15	64QAM	1	74	20.96	20.88	21.18	21.03	21.11		
15	64QAM	36	0	19.92	19.92	20.07	20.10	20.19	21	3
15	64QAM	36	20	20.15	20.25	20.14	19.99	20.29		
15	64QAM	36	39	20.13	19.93	20.23	20.02	20.19		
15	64QAM	75	0	19.91	20.13	20.07	20.08	19.97		
15	256QAM	1	0	18.09	18.16	18.03	17.92	18.07	19	5
15	256QAM	1	37	18.20	18.10	18.17	18.12	18.19		
15	256QAM	1	74	18.11	17.94	18.00	17.93	18.14		
15	256QAM	36	0	17.84	17.95	17.95	18.01	18.00	19	5
15	256QAM	36	20	18.02	17.90	17.89	18.02	18.01		
15	256QAM	36	39	17.98	18.07	17.93	17.89	18.11		
15	256QAM	75	0	18.16	18.09	18.06	18.13	18.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.84	22.97	23.08	22.87	22.92	24.00	0
10	QPSK	1	25	22.78	22.73	22.99	22.87	22.68		
10	QPSK	1	49	22.82	22.66	23.01	22.87	23.08		
10	QPSK	25	0	22.13	22.07	22.10	22.04	22.08	23	1
10	QPSK	25	12	22.06	22.20	22.10	22.13	21.84		
10	QPSK	25	25	21.87	22.12	21.99	21.90	22.06		
10	QPSK	50	0	22.11	21.92	22.09	22.03	22.05		
10	16QAM	1	0	21.83	21.91	22.01	22.14	21.78	23	1
10	16QAM	1	25	21.89	22.15	22.21	21.86	21.94		
10	16QAM	1	49	21.86	22.10	21.96	21.95	22.18		
10	16QAM	25	0	20.91	21.07	21.09	20.93	21.05	22	2
10	16QAM	25	12	21.30	20.95	20.97	21.00	21.14		
10	16QAM	25	25	21.17	21.17	21.19	21.17	21.18		
10	16QAM	50	0	21.03	21.11	21.20	21.00	21.04		
10	64QAM	1	0	21.03	21.19	21.10	20.95	21.04	22	2
10	64QAM	1	25	20.81	20.85	20.94	21.01	21.01		
10	64QAM	1	49	20.89	20.93	21.11	21.05	21.08		
10	64QAM	25	0	19.90	19.95	20.05	20.16	20.16	21	3
10	64QAM	25	12	20.08	20.11	20.08	20.01	20.26		
10	64QAM	25	25	20.19	20.06	20.22	20.12	20.17		
10	64QAM	50	0	19.98	20.21	20.06	20.05	19.93		
10	256QAM	1	0	18.09	18.28	18.06	17.91	18.00	19	5
10	256QAM	1	25	18.13	18.01	18.13	18.15	18.11		
10	256QAM	1	49	18.16	17.98	17.99	18.08	18.18		
10	256QAM	25	0	17.86	17.95	17.97	17.99	17.92	19	5
10	256QAM	25	12	18.08	17.89	17.93	17.90	18.07		
10	256QAM	25	25	17.93	18.08	17.91	17.83	17.98		
10	256QAM	50	0	18.19	18.05	18.08	18.17	18.10		
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	22.80	22.97	23.06	22.96	22.89	24.00	0
5	QPSK	1	12	22.72	22.79	22.91	22.81	22.67		
5	QPSK	1	24	22.90	22.67	22.97	22.85	22.92		
5	QPSK	12	0	22.06	22.10	22.19	22.14	21.97	23	1
5	QPSK	12	7	22.13	22.17	22.08	22.09	21.95		
5	QPSK	12	13	21.88	22.07	22.11	21.95	21.97		
5	QPSK	25	0	22.06	21.90	22.05	21.99	22.11		
5	16QAM	1	0	21.88	22.02	22.04	22.05	21.75	23	1
5	16QAM	1	12	21.75	22.12	22.25	21.78	22.07		
5	16QAM	1	24	21.88	22.21	21.82	22.06	22.17		
5	16QAM	12	0	20.89	21.11	21.09	20.93	21.01	22	2
5	16QAM	12	7	21.18	20.88	21.04	21.12	21.27		
5	16QAM	12	13	21.19	21.12	21.09	21.29	21.23		
5	16QAM	25	0	21.08	21.19	21.10	21.08	21.02		
5	64QAM	1	0	21.10	21.10	20.97	20.95	20.98	22	2
5	64QAM	1	12	20.89	20.89	20.93	21.04	21.09		
5	64QAM	1	24	20.93	20.95	21.12	21.08	21.23		
5	64QAM	12	0	19.95	19.90	20.13	20.25	20.28	21	3
5	64QAM	12	7	20.14	20.13	20.11	20.04	20.22		
5	64QAM	12	13	20.10	19.98	20.15	20.14	20.10		
5	64QAM	25	0	20.00	20.17	20.14	20.16	20.00		
5	256QAM	1	0	18.00	18.27	18.11	17.93	17.98	19	5
5	256QAM	1	12	18.13	17.98	18.22	18.22	18.11		
5	256QAM	1	24	18.18	17.91	18.06	17.98	18.20		
5	256QAM	12	0	17.83	17.87	18.09	18.00	17.94	19	5
5	256QAM	12	7	18.08	17.79	17.90	17.98	18.00		
5	256QAM	12	13	17.94	17.93	17.87	17.85	18.01		
5	256QAM	25	0	18.25	18.14	18.10	18.27	18.05		

LTE Band 41_HPUE Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.95	25.98	26.15	26.10	26.01	27	0
20	QPSK	1	49	25.96	25.87	26.04	25.87	25.96		
20	QPSK	1	99	26.08	25.92	26.12	25.92	25.87		
20	QPSK	50	0	25.12	25.17	25.21	25.02	25.08	26	1
20	QPSK	50	24	25.17	24.89	25.14	25.17	24.93		
20	QPSK	50	50	25.12	24.84	25.10	24.86	25.11		
20	QPSK	100	0	25.10	25.05	25.18	24.87	25.17		
20	16QAM	1	0	25.20	25.19	25.28	25.31	25.30	26	1
20	16QAM	1	49	25.35	25.18	25.24	25.37	25.23		
20	16QAM	1	99	25.40	25.37	25.13	25.32	25.13		
20	16QAM	50	0	24.00	24.07	24.07	24.24	24.14	25	2
20	16QAM	50	24	24.20	24.11	24.01	24.21	24.00		
20	16QAM	50	50	23.96	23.90	24.21	24.01	24.21		
20	16QAM	100	0	24.13	24.03	24.12	24.19	23.97		
20	64QAM	1	0	24.43	24.43	24.52	24.46	24.56	25	2
20	64QAM	1	49	24.39	24.61	24.41	24.57	24.61		
20	64QAM	1	99	24.37	24.52	24.50	24.46	24.59		
20	64QAM	50	0	23.16	22.91	23.09	23.07	23.23	24	3
20	64QAM	50	24	23.03	23.14	23.15	23.16	23.25		
20	64QAM	50	50	23.13	23.19	23.11	23.21	22.93		
20	64QAM	100	0	22.94	23.26	22.99	23.24	23.08		
20	256QAM	1	0	21.03	21.08	21.07	21.17	21.15	22	5
20	256QAM	1	49	21.11	21.22	21.17	20.96	21.11		
20	256QAM	1	99	20.92	21.23	21.23	21.06	20.93		
20	256QAM	50	0	20.96	21.12	21.08	21.02	20.96	22	5
20	256QAM	50	24	20.91	21.01	21.01	21.15	20.95		
20	256QAM	50	50	21.02	20.90	20.97	21.08	21.13		
20	256QAM	100	0	21.23	21.25	21.11	21.24	21.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.87	25.80	26.09	25.95	25.84	27.00	0
15	QPSK	1	37	25.87	25.80	25.91	25.71	25.78		
15	QPSK	1	74	25.90	25.77	26.01	25.86	25.79		
15	QPSK	36	0	24.93	24.99	25.14	24.94	24.99	26	1
15	QPSK	36	20	25.03	24.78	24.95	25.01	24.76		
15	QPSK	36	39	24.99	24.71	25.01	24.80	25.04		
15	QPSK	75	0	24.94	24.94	25.13	24.76	25.13		
15	16QAM	1	0	25.12	25.04	25.08	25.25	25.20	26	1
15	16QAM	1	37	25.25	25.02	25.20	25.33	25.08		
15	16QAM	1	74	25.22	25.18	25.07	25.16	25.00		
15	16QAM	36	0	23.92	23.91	23.93	24.13	23.98	25	2
15	16QAM	36	20	24.06	23.96	23.91	24.14	23.91		
15	16QAM	36	39	23.77	23.81	24.13	23.87	24.09		
15	16QAM	75	0	24.03	23.85	23.94	24.10	23.82		
15	64QAM	1	0	24.24	24.24	24.39	24.37	24.41	25	2
15	64QAM	1	37	24.24	24.56	24.23	24.44	24.56		
15	64QAM	1	74	24.19	24.37	24.32	24.42	24.45		
15	64QAM	36	0	23.01	22.82	22.90	22.97	23.13	24	3
15	64QAM	36	20	22.91	22.97	23.01	23.11	23.11		
15	64QAM	36	39	22.99	23.10	23.05	23.02	22.87		
15	64QAM	75	0	22.85	23.21	22.94	23.19	23.02		
15	256QAM	1	0	20.83	20.97	20.88	20.98	21.02	22	5
15	256QAM	1	37	20.93	21.16	21.04	20.86	21.01		
15	256QAM	1	74	20.78	21.11	21.14	20.93	20.76		
15	256QAM	36	0	20.85	20.97	21.00	20.93	20.88	22	5
15	256QAM	36	20	20.76	20.84	20.90	21.01	20.84		
15	256QAM	36	39	20.96	20.75	20.80	20.93	21.06		
15	256QAM	75	0	21.12	21.19	20.97	21.18	21.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.86	26.06	25.92	25.84	27.00	0
10	QPSK	1	25	25.78	25.80	25.93	25.67	25.78		
10	QPSK	1	49	25.95	25.74	25.95	25.79	25.76		
10	QPSK	25	0	24.98	25.01	25.16	24.95	24.99	26	1
10	QPSK	25	12	25.08	24.70	25.10	24.84	24.84		
10	QPSK	25	25	24.98	24.76	24.93	24.78	24.98		
10	QPSK	50	0	24.92	24.88	25.09	24.76	25.12		
10	16QAM	1	0	25.09	25.02	25.21	25.15	25.14	26	1
10	16QAM	1	25	25.18	25.06	25.15	25.29	25.09		
10	16QAM	1	49	25.33	25.19	24.98	25.16	25.02		
10	16QAM	25	0	23.87	24.03	23.98	24.14	24.08	25	2
10	16QAM	25	12	24.04	24.01	23.96	24.04	23.94		
10	16QAM	25	25	23.91	23.75	24.15	23.85	24.02		
10	16QAM	50	0	23.99	23.93	23.97	24.03	23.82		
10	64QAM	1	0	24.27	24.35	24.35	24.39	24.37	25	2
10	64QAM	1	25	24.23	24.53	24.32	24.46	24.47		
10	64QAM	1	49	24.21	24.45	24.34	24.35	24.48		
10	64QAM	25	0	23.00	22.77	22.98	22.97	23.10	24	3
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LTE Band 42
FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.60	22.70	22.59	24	0
20	QPSK	1	49	22.47	22.58	22.53		
20	QPSK	1	99	22.64	22.60	22.58		
20	QPSK	50	0	21.68	21.85	21.62	23	1
20	QPSK	50	24	21.73	21.85	21.56		
20	QPSK	50	50	21.81	21.76	21.54		
20	QPSK	100	0	21.67	21.72	21.68		
20	16QAM	1	0	21.30	21.61	21.63	23	1
20	16QAM	1	49	21.63	21.57	21.71		
20	16QAM	1	99	21.66	21.58	21.66		
20	16QAM	50	0	20.73	20.66	20.67	22	2
20	16QAM	50	24	20.52	20.77	20.70		
20	16QAM	50	50	20.80	20.50	20.72		
20	16QAM	100	0	20.63	20.56	20.56		
20	64QAM	1	0	20.70	20.73	20.79	22	2
20	64QAM	1	49	20.86	20.83	20.66		
20	64QAM	1	99	20.63	20.89	20.89		
20	64QAM	50	0	19.78	19.68	19.55	21	3
20	64QAM	50	24	19.86	19.62	19.73		
20	64QAM	50	50	19.74	19.72	19.59		
20	64QAM	100	0	19.61	19.72	19.62		
20	256QAM	1	0	17.73	17.68	17.77	19	5
20	256QAM	1	49	17.81	17.72	17.48		
20	256QAM	1	99	17.64	17.57	17.55		
20	256QAM	50	0	17.82	17.75	17.78	19	5
20	256QAM	50	24	17.62	17.79	17.59		
20	256QAM	50	50	17.61	17.61	17.70		
20	256QAM	100	0	17.84	17.75	17.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.55	22.62	22.47	24	0
15	QPSK	1	37	22.41	22.49	22.49		
15	QPSK	1	74	22.55	22.51	22.53		
15	QPSK	36	0	21.61	21.71	21.58	23	1
15	QPSK	36	20	21.67	21.74	21.53		
15	QPSK	36	39	21.76	21.74	21.41		
15	QPSK	75	0	21.55	21.61	21.56		
15	16QAM	1	0	21.21	21.54	21.58	23	1
15	16QAM	1	37	21.59	21.50	21.68		
15	16QAM	1	74	21.61	21.50	21.63		
15	16QAM	36	0	20.59	20.54	20.55	22	2
15	16QAM	36	20	20.46	20.66	20.62		
15	16QAM	36	39	20.76	20.47	20.66		
15	16QAM	75	0	20.50	20.51	20.54		
15	64QAM	1	0	20.57	20.67	20.70	22	2
15	64QAM	1	37	20.73	20.76	20.59		
15	64QAM	1	74	20.58	20.82	20.82		
15	64QAM	36	0	19.76	19.61	19.45	21	3
15	64QAM	36	20	19.76	19.57	19.67		
15	64QAM	36	39	19.61	19.63	19.49		
15	64QAM	75	0	19.55	19.59	19.50		
15	256QAM	1	0	17.67	17.61	17.67	19	5
15	256QAM	1	37	17.69	17.64	17.38		
15	256QAM	1	74	17.52	17.48	17.52		
15	256QAM	36	0	17.72	17.63	17.75	19	5
15	256QAM	36	20	17.49	17.70	17.54		
15	256QAM	36	39	17.48	17.51	17.65		
15	256QAM	75	0	17.75	17.72	17.60		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.55	22.65	22.51	24	0
10	QPSK	1	25	22.37	22.50	22.51		
10	QPSK	1	49	22.56	22.56	22.54		
10	QPSK	25	0	21.55	21.73	21.59	23	1
10	QPSK	25	12	21.61	21.73	21.43		
10	QPSK	25	25	21.77	21.70	21.47		
10	QPSK	50	0	21.62	21.63	21.62		
10	16QAM	1	0	21.24	21.48	21.56	23	1
10	16QAM	1	25	21.59	21.50	21.59		
10	16QAM	1	49	21.58	21.52	21.53		
10	16QAM	25	0	20.68	20.57	20.60	22	2
10	16QAM	25	12	20.47	20.63	20.62		
10	16QAM	25	25	20.77	20.38	20.62		
10	16QAM	50	0	20.55	20.50	20.47		
10	64QAM	1	0	20.61	20.63	20.72	22	2
10	64QAM	1	25	20.79	20.70	20.53		
10	64QAM	1	49	20.56	20.82	20.76		
10	64QAM	25	0	19.66	19.55	19.43	21	3
10	64QAM	25	12	19.84	19.58	19.70		
10	64QAM	25	25	19.70	19.60	19.48		
10	64QAM	50	0	19.58	19.68	19.48		
10	256QAM	1	0	17.68	17.62	17.65	19	5
10	256QAM	1	25	17.73	17.67	17.44		
10	256QAM	1	49	17.60	17.49	17.51		
10	256QAM	25	0	17.73	17.68	17.73	19	5
10	256QAM	25	12	17.49	17.68	17.48		
10	256QAM	25	25	17.50	17.57	17.58		
10	256QAM	50	0	17.73	17.65	17.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.48	22.61	22.46	24	0
5	QPSK	1	12	22.44	22.50	22.45		
5	QPSK	1	24	22.55	22.50	22.46		
5	QPSK	12	0	21.58	21.72	21.57	23	1
5	QPSK	12	7	21.67	21.73	21.49		
5	QPSK	12	13	21.77	21.70	21.45		
5	QPSK	25	0	21.54	21.59	21.55		
5	16QAM	1	0	21.27	21.48	21.60	23	1
5	16QAM	1	12	21.56	21.51	21.58		
5	16QAM	1	24	21.56	21.51	21.61		
5	16QAM	12	0	20.68	20.53	20.54	22	2
5	16QAM	12	7	20.49	20.75	20.64		
5	16QAM	12	13	20.78	20.46	20.58		
5	16QAM	25	0	20.56	20.48	20.50		
5	64QAM	1	0	20.66	20.66	20.67	22	2
5	64QAM	1	12	20.81	20.73	20.64		
5	64QAM	1	24	20.55	20.77	20.76		
5	64QAM	12	0	19.68	19.58	19.47	21	3
5	64QAM	12	7	19.77	19.51	19.64		
5	64QAM	12	13	19.65	19.61	19.49		
5	64QAM	25	0	19.54	19.68	19.57		
5	256QAM	1	0	17.59	17.61	17.72	19	5
5	256QAM	1	12	17.75	17.58	17.43		
5	256QAM	1	24	17.58	17.43	17.43		
5	256QAM	12	0	17.69	17.64	17.74	19	5
5	256QAM	12	7	17.57	17.75	17.53		
5	256QAM	12	13	17.48	17.57	17.63		
5	256QAM	25	0	17.80	17.63	17.63		

Power生成

LTE Band 42 Ant6
FCC (3.5GHz Band) (3450-3550MHz) Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.98	22.95	22.79	24	0
20	QPSK	1	49	22.87	22.81	22.90		
20	QPSK	1	99	22.94	22.68	22.95		
20	QPSK	50	0	21.97	21.84	21.69	23	1
20	QPSK	50	24	21.80	21.78	21.54		
20	QPSK	50	50	21.81	21.81	21.78		
20	QPSK	100	0	21.93	21.78	21.65		
20	16QAM	1	0	21.79	21.73	21.86	23	1
20	16QAM	1	49	21.70	21.70	21.94		
20	16QAM	1	99	21.94	21.86	21.97		
20	16QAM	50	0	20.79	20.82	20.94	22	2
20	16QAM	50	24	20.85	20.75	20.89		
20	16QAM	50	50	20.66	20.67	20.71		
20	16QAM	100	0	20.85	20.72	20.64		
20	64QAM	1	0	20.85	20.70	20.91	22	2
20	64QAM	1	49	20.84	20.78	20.90		
20	64QAM	1	99	21.00	20.82	20.71		
20	64QAM	50	0	19.80	19.76	19.89	21	3
20	64QAM	50	24	19.62	19.83	19.91		
20	64QAM	50	50	19.80	19.65	19.83		
20	64QAM	100	0	19.85	19.92	19.70		
20	256QAM	1	0	17.90	17.97	17.84	19	5
20	256QAM	1	49	17.97	17.91	18.07		
20	256QAM	1	99	18.07	17.87	17.84		
20	256QAM	50	0	17.86	17.70	17.82	19	5
20	256QAM	50	24	17.83	17.92	17.74		
20	256QAM	50	50	17.73	17.79	17.91		
20	256QAM	100	0	17.96	18.03	18.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.93	22.79	22.70	24	0
15	QPSK	1	37	22.76	22.63	22.77		
15	QPSK	1	74	22.83	22.52	22.83		
15	QPSK	36	0	21.74	21.79	21.65	23	1
15	QPSK	36	20	21.63	21.70	21.42		
15	QPSK	36	39	21.74	21.76	21.73		
15	QPSK	75	0	21.66	21.65	21.58		
15	16QAM	1	0	21.69	21.67	21.71	23	1
15	16QAM	1	37	21.61	21.54	21.80		
15	16QAM	1	74	21.84	21.79	21.87		
15	16QAM	36	0	20.71	20.74	20.74	22	2
15	16QAM	36	20	20.66	20.68	20.73		
15	16QAM	36	39	20.61	20.63	20.67		
15	16QAM	75	0	20.79	20.57	20.45		
15	64QAM	1	0	20.72	20.54	20.85	22	2
15	64QAM	1	37	20.73	20.73	20.82		
15	64QAM	1	74	20.87	20.72	20.53		
15	64QAM	36	0	19.66	19.66	19.81	21	3
15	64QAM	36	20	19.48	19.72	19.73		
15	64QAM	36	39	19.73	19.46	19.70		
15	64QAM	75	0	19.80	19.86	19.59		
15	256QAM	1	0	17.85	17.85	17.70	19	5
15	256QAM	1	37	17.87	17.81	17.89		
15	256QAM	1	74	17.70	17.77	17.80		
15	256QAM	36	0	17.73	17.66	17.67	19	5
15	256QAM	36	20	17.72	17.78	17.55		
15	256QAM	36	39	17.58	17.71	17.85		
15	256QAM	75	0	17.91	17.93	17.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.85	22.86	22.72	24	0
10	QPSK	1	25	22.68	22.68	22.72		
10	QPSK	1	49	22.89	22.60	22.83		
10	QPSK	25	0	21.68	21.69	21.65	23	1
10	QPSK	25	12	21.73	21.68	21.36		
10	QPSK	25	25	21.67	21.71	21.60		
10	QPSK	50	0	21.67	21.72	21.49		
10	16QAM	1	0	21.60	21.56	21.74	23	1
10	16QAM	1	25	21.58	21.64	21.84		
10	16QAM	1	49	21.87	21.75	21.86		
10	16QAM	25	0	20.69	20.67	20.87	22	2
10	16QAM	25	12	20.75	20.64	20.83		
10	16QAM	25	25	20.60	20.55	20.57		
10	16QAM	50	0	20.80	20.55	20.58		
10	64QAM	1	0	20.70	20.64	20.87	22	2
10	64QAM	1	25	20.73	20.69	20.81		
10	64QAM	1	49	20.80	20.64	20.52		
10	64QAM	25	0	19.63	19.63	19.78	21	3
10	64QAM	25	12	19.50	19.77	19.75		
10	64QAM	25	25	19.72	19.50	19.73		
10	64QAM	50	0	19.72	19.82	19.51		
10	256QAM	1	0	17.70	17.78	17.66	19	5
10	256QAM	1	25	17.79	17.82	17.95		
10	256QAM	1	49	17.91	17.67	17.75		
10	256QAM	25	0	17.70	17.63	17.72	19	5
10	256QAM	25	12	17.64	17.80	17.62		
10	256QAM	25	25	17.56	17.60	17.82		
10	256QAM	50	0	17.91	17.90	17.93		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.90	22.91	22.70	24	0
5	QPSK	1	12	22.81	22.66	22.82		
5	QPSK	1	24	22.87	22.54	22.85		
5	QPSK	12	0	21.78	21.79	21.57	23	1
5	QPSK	12	7	21.63	21.70	21.43		
5	QPSK	12	13	21.68	21.71	21.63		
5	QPSK	25	0	21.74	21.65	21.47		
5	16QAM	1	0	21.59	21.68	21.70	23	1
5	16QAM	1	12	21.52	21.52	21.76		
5	16QAM	1	24	21.78	21.75	21.92		
5	16QAM	12	0	20.60	20.77	20.86	22	2
5	16QAM	12	7	20.70	20.62	20.77		
5	16QAM	12	13	20.51	20.51	20.65		
5	16QAM	25	0	20.76	20.61	20.50		
5	64QAM	1	0	20.73	20.56	20.87	22	2
5	64QAM	1	12	20.67	20.64	20.82		
5	64QAM	1	24	20.85	20.68	20.52		
5	64QAM	12	0	19.70	19.57	19.71	21	3
5	64QAM	12	7	19.55	19.70	19.86		
5	64QAM	12	13	19.60	19.52	19.64		
5	64QAM	25	0	19.74	19.73	19.64		
5	256QAM	1	0	17.75	17.80	17.69	19	5
5	256QAM	1	12	17.91	17.76	17.94		
5	256QAM	1	24	17.92	17.78	17.76		
5	256QAM	12	0	17.77	17.64	17.76	19	5
5	256QAM	12	7	17.65	17.83	17.62		
5	256QAM	12	13	17.65	17.72	17.82		
5	256QAM	25	0	17.76	17.95	17.90		

LTE Band 43 Ant6
(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44490	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44490	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.51		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44490	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.56	22.53	24	0
10	QPSK	1	25	22.46	22.55	22.59		
10	QPSK	1	49	22.61	22.45	22.58		
10	QPSK	25	0	21.67	21.83	21.54	23	1
10	QPSK	25	12	21.61	21.75	21.47		
10	QPSK	25	25	21.67	21.73	21.42		
10	QPSK	50	0	21.69	21.76	21.73		
10	16QAM	1	0	21.26	21.49	21.51	23	1
10	16QAM	1	25	21.58	21.50	21.66		
10	16QAM	1	49	21.63	21.58	21.63		
10	16QAM	25	0	20.79	20.60	20.61	22	2
10	16QAM	25	12	20.53	20.62	20.65		
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67	22	2
10	64QAM	1	25	20.88	20.80	20.67		
10	64QAM	1	49	20.54	20.90	20.80		
10	64QAM	25	0	19.69	19.68	19.53	21	3
10	64QAM	25	12	19.84	19.70	19.67		
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74	19	5
10	256QAM	1	25	17.76	17.67	17.39		
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73	19	5
10	256QAM	25	12	17.62	17.69	17.44		
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44490	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.55	22.54	22.57	24	0
5	QPSK	1	12	22.44	22.56	22.51		
5	QPSK	1	24	22.59	22.52	22.51		
5	QPSK	12	0	21.61	21.75	21.52	23	1
5	QPSK	12	7	21.66	21.82	21.57		
5	QPSK	12	13	21.68	21.70	21.57		
5	QPSK	25	0	21.64	21.77	21.73		
5	16QAM	1	0	21.31	21.56	21.54	23	1
5	16QAM	1	12	21.64	21.48	21.59		
5	16QAM	1	24	21.62	21.56	21.54		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6
FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.72	22.63	22.45	24	0
20	QPSK	1	49	22.55	22.70	22.63	22.59		
20	QPSK	1	99	22.52	22.65	22.48	22.58		
20	QPSK	50	0	21.89	21.92	21.67	21.78	23	1
20	QPSK	50	24	21.81	21.83	21.84	21.70		
20	QPSK	50	50	21.75	21.90	21.89	21.69		
20	QPSK	100	0	21.83	21.88	21.86	21.79		
20	16QAM	1	0	21.59	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.71	21.82	21.51	21.78		
20	16QAM	1	99	21.81	21.74	21.62

Reduced Power Mode for DSI1 ENDC Standalone

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.42	21.48	21.46	22.5	0
20	QPSK	1	49	21.32	21.43	21.29		
20	QPSK	1	99	21.38	21.27	21.33		
20	QPSK	50	0	21.41	21.45	21.38	22.5	0
20	QPSK	50	24	21.32	21.25	21.31		
20	QPSK	50	50	21.32	21.39	21.33		
20	QPSK	100	0	21.31	21.40	21.35		
20	16QAM	1	0	21.09	21.29	21.07	22.5	0
20	16QAM	1	49	21.10	21.18	21.29		
20	16QAM	1	99	21.11	21.26	21.18		
20	16QAM	50	0	21.24	21.24	21.29	22.5	0
20	16QAM	50	24	21.17	21.24	21.17		
20	16QAM	50	50	21.11	21.03	21.27		
20	16QAM	100	0	21.09	21.31	21.20		
20	64QAM	1	0	21.39	21.26	20.98	22.5	0
20	64QAM	1	49	21.03	21.06	21.26		
20	64QAM	1	99	21.25	21.23	21.28		
20	64QAM	50	0	20.42	20.46	20.42	21.5	1
20	64QAM	50	24	20.39	20.62	20.57		
20	64QAM	50	50	20.40	20.30	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.68	19.5	3
20	256QAM	1	49	18.51	18.52	18.64		
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34	19.5	3
20	256QAM	50	24	18.30	18.50	18.44		
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.37	21.42	21.32	22.5	0
15	QPSK	1	37	21.14	21.27	21.24		
15	QPSK	1	74	21.29	21.16	21.26		
15	QPSK	36	0	21.34	21.34	21.29	22.5	0
15	QPSK	36	20	21.14	21.06	21.26		
15	QPSK	36	39	21.21	21.20	21.21		
15	QPSK	75	0	21.12	21.35	21.18	22.5	0
15	16QAM	1	0	21.00	21.19	21.03		
15	16QAM	1	37	21.00	21.08	21.22		
15	16QAM	1	74	20.93	21.21	20.99		
15	16QAM	36	0	21.17	21.13	21.11	22.5	0
15	16QAM	36	20	21.04	21.12	20.99		
15	16QAM	36	39	21.04	20.87	21.08		
15	16QAM	75	0	21.01	21.16	21.14		
15	64QAM	1	0	21.30	21.07	20.84	22.5	0
15	64QAM	1	37	20.86	20.94	21.11		
15	64QAM	1	74	21.15	21.14	21.19		
15	64QAM	36	0	20.35	20.36	20.36	21.5	1
15	64QAM	36	20	20.26	20.50	20.42		
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58	19.5	3
15	256QAM	1	37	18.46	18.45	18.54		
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25	19.5	3
15	256QAM	36	20	18.14	18.38	18.33		
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.24	21.41	21.34	22.5	0
10	QPSK	1	25	21.16	21.35	21.15		
10	QPSK	1	49	21.27	21.13	21.28		
10	QPSK	25	0	21.34	21.32	21.29	22.5	0
10	QPSK	25	12	21.25	21.20	21.16		
10	QPSK	25	25	21.18	21.20	21.19		
10	QPSK	50	0	21.21	21.22	21.25		
10	16QAM	1	0	20.95	21.17	20.94	22.5	0
10	16QAM	1	25	20.99	21.10	21.25		
10	16QAM	1	49	21.04	21.10	21.13		
10	16QAM	25	0	21.07	21.20	21.16	22.5	0
10	16QAM	25	12	21.06	21.08	21.11		
10	16QAM	25	25	20.93	20.93	21.16		
10	16QAM	50	0	20.97	21.15	21.15		
10	64QAM	1	0	21.25	21.11	20.83	22.5	0
10	64QAM	1	25	20.95	21.01	21.12		
10	64QAM	1	49	21.18	21.09	21.13		
10	64QAM	25	0	20.34	20.34	20.27	21.5	1
10	64QAM	25	12	20.28	20.47	20.45		
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54	19.5	3
10	256QAM	1	25	18.47	18.48	18.54		
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16	19.5	3
10	256QAM	25	12	18.26	18.49	18.39		
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.26	21.41	21.33	22.5	0
5	QPSK	1	12	21.21	21.33	21.17		
5	QPSK	1	24	21.27	21.12	21.16		
5	QPSK	12	0	21.35	21.39	21.29	22.5	0
5	QPSK	12	7	21.27	21.18	21.16		
5	QPSK	12	13	21.21	21.34	21.18		
5	QPSK	25	0	21.19	21.26	21.30		
5	16QAM	1	0	20.96	21.11	21.02	22.5	0
5	16QAM	1	12	20.92	21.06	21.22		
5	16QAM	1	24	20.91	21.06	21.06		
5	16QAM	12	0	21.11	21.17	21.14	22.5	0
5	16QAM	12	7	21.09	21.18	21.12		
5	16QAM	12	13	21.02	20.88	21.14		
5	16QAM	25	0	20.90	21.21	21.12		
5	64QAM	1	0	21.35	21.07	20.91	22.5	0
5	64QAM	1	12	20.96	20.95	21.11		
5	64QAM	1	24	21.12	21.07	21.13		
5	64QAM	12	0	20.36	20.31	20.31	21.5	1
5	64QAM	12	7	20.30	20.55	20.41		
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50	19.5	3
5	256QAM	1	12	18.33	18.33	18.54		
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30	19.5	3
5	256QAM	12	7	18.21	18.35	18.31		
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.30	21.30	21.28	22.5	0
3	QPSK	1	8	21.23	21.36	21.19		
3	QPSK	1	14	21.28	21.23	21.25		
3	QPSK	8	0	21.33	21.41	21.22	22.5	0
3	QPSK	8	4	21.23	21.15	21.18		
3	QPSK	8	7	21.18	21.24	21.24		
3	QPSK	15	0	21.25	21.32	21.24		
3	16QAM	1	0	21.03	21.23	20.92	22.5	0
3	16QAM	1	8	20.94	21.12	21.11		
3	16QAM	1	14	21.01	21.11	21.07		
3	16QAM	8	0	21.05	21.18	21.23	22.5	0
3	16QAM	8	4	21.02	21.10	21.06		
3	16QAM	8	7	20.94	20.89	21.11		
3	16QAM	15	0	20.94	21.18	21.14		
3	64QAM	1	0	21.23	21.13	20.87	22.5	0
3	64QAM	1	8	20.86	20.91	21.04		
3	64QAM	1	14	21.09	21.16	21.09		
3	64QAM	8	0	20.32	20.30	20.28	21.5	1
3	64QAM	8	4	20.27	20.53	20.42		
3	64QAM	8	7	20.26	20.20	20.39		
3	64QAM	15	0	20.24	20.36	20.35		
3	256QAM	1	0	18.52	18.39	18.52	19.5	3
3	256QAM	1	8	18.35	18.35	18.51		
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18	19.5	3
3	256QAM	8	4	18.17	18.46	18.35		
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.30	21.41	21.39	22.5	0
1.4	QPSK	1	3	21.27	21.36	21.18		
1.4	QPSK	1	5	21.21	21.18	21.22		
1.4	QPSK	3	0	21.22	21.26	21.29		
1.4	QPSK	3	1	21.28	21.09	21.21		
1.4	QPSK	3	3	21.27	21.31	21.21		
1.4	QPSK	6	0	21.18	21.35	21.30	22.5	0
1.4	16QAM	1	0	21.00	21.25	20.88	22.5	0
1.4	16QAM	1	3	20.93	21.06	21.23		
1.4	16QAM	1	5	20.93	21.14	21.02		
1.4	16QAM	3	0	21.06	21.08	21.14		
1.4	16QAM	3	1	21.09	21.13	20.99		
1.4	16QAM	3	3	21.05	20.83	21.10		
1.4	16QAM	6	0	21.01	21.22	21.15	22.5	0
1.4	64QAM	1	0	21.31	21.08	20.86	22.5	0
1.4	64QAM	1	3	20.88	20.94	21.01		
1.4	64QAM	1	5	21.10	21.16	21.10		
1.4	64QAM	3	0	21.26	21.33	21.30		
1.4	64QAM	3	1	21.13	21.32	21.25		
1.4	64QAM	3	3	21.29	21.15	21.20		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	1
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	3
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.48	19.5	3

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.28	22.63	22.18	23.5	0
20	QPSK	1	49	22.35	22.22	22.33		
20	QPSK	1	99	22.16	22.11	22.28		
20	QPSK	50	0	22.45	22.46	22.38	23.5	0
20	QPSK	50	24	22.40	22.35	22.40		
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.55	22.60	22.58	23.5	0
20	16QAM	1	49	22.60	22.54	22.56		
20	16QAM	1	99	22.61	22.54	22.60		
20	16QAM	50	0	21.37	21.42	21.39	22.5	1
20	16QAM	50	24	21.42	21.45	21.35		
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68	22.5	1
20	64QAM	1	49	21.43	21.40	21.56		
20	64QAM	1	99	21.69	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64	21.5	2
20	64QAM	50	24	20.42	20.55	20.60		
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52	19.5	4
20	256QAM	1	49	18.60	18.63	18.56		
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59	19.5	4
20	256QAM	50	24	18.55	18.49	18.43		
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.13	22.21	22.30	23.5	0
15	QPSK	1	37	22.06	22.16	22.03		
15	QPSK	1	74	22.06	22.21	22.31		
15	QPSK	36	0	22.32	22.49	22.41	23.5	0
15	QPSK	36	20	22.21	22.48	22.27		
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.50	22.54	22.60	23.5	0
15	16QAM	1	37	22.51	22.61	22.49		
15	16QAM	1	74	22.54	22.30	22.48		
15	16QAM	36	0	21.30	21.35	21.21	22.5	1
15	16QAM	36	20	21.29	21.40	21.16		
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51	22.5	1
15	64QAM	1	37	21.27	21.34	21.41		
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44	21.5	2
15	64QAM	36	20	20.24	20.46	20.43		
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44	19.5	4
15	256QAM	1	37	18.41	18.59	18.49		
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44	19.5	4
15	256QAM	36	20	18.45	18.40	18.34		
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.17	22.35	22.18	23.5	0
10	QPSK	1	25	22.15	22.24	22.00		
10	QPSK	1	49	22.05	22.12	22.11		
10	QPSK	25	0	22.39	22.52	22.35	23.5	0
10	QPSK	25	12	22.27	22.38	22.33		
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61	23.5	0
10	16QAM	1	25	22.60	22.60	22.44		
10	16QAM	1	49	22.41	22.61	22.48		
10	16QAM	25	0	21.18	21.32	21.24	22.5	1
10	16QAM	25	12	21.28	21.38	21.22		
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60	22.5	1
10	64QAM	1	25	21.37	21.25	21.45		
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49	21.5	2
10	64QAM	25	12	20.32	20.44	20.46		
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38	19.5	4
10	256QAM	1	25	18.45	18.49	18.41		
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53	19.5	4
10	256QAM	25	12	18.37	18.39	18.27		
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.11	22.29	22.29	23.5	0
5	QPSK	1	12	22.19	22.36	22.12		
5	QPSK	1	24	21.98	22.07	22.22		
5	QPSK	12	0	22.25	22.49	22.34	23.5	0
5	QPSK	12	7	22.24	22.41	22.29		
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.40	22.54	23.5	0
5	16QAM	1	12	22.58	22.60	22.50		
5	16QAM	1	24	22.54	22.55	22.49		
5	16QAM	12	0	21.18	21.29	21.31	22.5	1
5	16QAM	12	7	21.27	21.28	21.30		
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58	22.5	1
5	64QAM	1	12	21.29	21.29	21.42		
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53	21.5	2
5	64QAM	12	7	20.22	20.43	20.41		
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43	19.5	4
5	256QAM	1	12	18.43	18.53	18.46		
5	256QAM	1	24	18.43	18.24	18.48		
5	256QAM	12	0	18.48	18.31	18.45	19.5	4
5	256QAM	12	7	18.49	18.40	18.36		
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.29	22.25	22.28	23.5	0
3	QPSK	1	8	22.00	22.30	22.19		
3	QPSK	1	14	22.07	22.09	22.14		
3	QPSK	8	0	22.27	22.48	22.31	23.5	0
3	QPSK	8	4	22.26	22.37	22.34		
3	QPSK	8	7	22.24	22.38	22.26		
3	QPSK	15	0	22.34	22.30	22.23		
3	16QAM	1	0	22.59	22.60	22.60	23.5	0
3	16QAM	1	8	22.54	22.54	22.48		
3	16QAM	1	14	22.56	22.60	22.44		
3	16QAM	8	0	21.26	21.31	21.26	22.5	1
3	16QAM	8	4	21.35	21.33	21.22		
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52	22.5	1
3	64QAM	1	8	21.33	21.21	21.42		
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55	21.5	2
3	64QAM	8	4	20.27	20.38	20.42		
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48	19.5	4
3	256QAM	1	8	18.41	18.48	18.41		
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53	19.5	4
3	256QAM	8	4	18.38	18.29	18.24		
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.21	22.36	22.13	23.5	0
1.4	QPSK	1	3	22.27	22.17	22.24		
1.4	QPSK	1	5	21.95	22.35	22.17		
1.4	QPSK	3	0	22.34	22.16	22.10		
1.4	QPSK	3	1	22.12	22.17	22.09		
1.4	QPSK	3	3	22.14	22.26	22.16		
1.4	QPSK	6	0	22.08	22.39	22.24	23.5	0
1.4	16QAM	1	0	22.22	22.32	22.28	23.5	0
1.4	16QAM	1	3	22.18	22.30	22.18		
1.4	16QAM	1	5	22.20	22.11	22.12		
1.4	16QAM	3	0	22.43	22.36	22.31		
1.4	16QAM	3	1	22.34	22.40	22.41		
1.4	16QAM	3	3	22.48	22.34	22.25		
1.4	16QAM	6	0	21.19	21.26	21.15	22.5	1
1.4	64QAM	1	0	21.27	21.20	21.03	22.5	1
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09		
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	2
1.4	256QAM	1	0	18.33	18.40	18.41	19.5	4
1.4	256QAM	1	3	18.58	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	4

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.97	24.03	24.01	25	0
10	QPSK	1	25	23.87	24.00	23.81		
10	QPSK	1	49	24.00	24.02	23.97		
10	QPSK	25	0	23.09	23.16	23.04	24	1
10	QPSK	25	12	23.08	23.05	22.81		
10	QPSK	25	25	22.82	23.06	22.88		
10	QPSK	50	0	23.03	23.06	22.91		
10	16QAM	1	0	23.10	23.36	23.21	24	1

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.26	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.85	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.10	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.06		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.94	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.84		
3	64QAM	1	0	22.23	22.18	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.95	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11		25	0
10	QPSK	1	25		24.02			
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.19		24	1
10	QPSK	25	12		22.99			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15		24	1
10	16QAM	1	25		23.21			
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14		23	2
10	16QAM	25	12		22.11			
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24		23	2
10	64QAM	1	25		22.19			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15		22	3
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	5
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.96	23.99	23.93	25	0
5	QPSK	1	12	23.94	23.91	23.86		
5	QPSK	1	24	23.67	23.67	23.65		
5	QPSK	12	0	23.01	23.05	23.00	24	1
5	QPSK	12	7	22.88	22.82	22.83		
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02	24	1
5	16QAM	1	12	23.07	23.05	23.01		
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09	23	2
5	16QAM	12	7	21.91	21.94	21.93		
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05	23	2
5	64QAM	1	12	22.00	22.08	22.04		
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05	22	3
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	5
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87	20	5
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.13		25	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09		23	2
10	16QAM	25	12		22.15			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13		23	2
10	64QAM	1	25		22.14			
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09		22	3
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	5
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97	25	0
5	QPSK	1	12	24.05	23.92	23.91		
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94	24	1
5	QPSK	12	7	22.92	22.95	22.85		
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11	24	1
5	16QAM	1	12	22.97	23.10	23.04		
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97	23	2
5	16QAM	12	7	21.98	21.97	22.04		
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09	23	2
5	64QAM	1	12	22.00	22.05	22.01		
5	64QAM	1	24	21.95	21.96	21.96		
5	64QAM	12	0	21.04	21.01	20.89	22	3
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.08	20	5
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.26		
5	256QAM	12	0	19.03	19.07	18.94	20	5
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.49	21.53	21.44	22.5	0
20	QPSK	1	49	21.13	21.30	21.18		
20	QPSK	1	99	21.45	21.26	21.45		
20	QPSK	50	0	21.47	21.51	21.38		
20	QPSK	50	24	21.30	21.46	21.34	22.5	0
20	QPSK	50	50	21.34	21.20	21.13		
20	QPSK	100	0	21.20	21.33	21.31		
20	16QAM	1	0	21.39	21.08	21.12	22.5	0
20	16QAM	1	49	21.37	21.33	21.29		
20	16QAM	1	99	21.21	21.28	21.33		
20	16QAM	50	0	21.23	21.19	21.22	22.5	0
20	16QAM	50	24	21.26	21.41	21.23		
20	16QAM	50	50	21.35	21.24	21.27		
20	16QAM	100	0	21.21	21.20	21.11		
20	64QAM	1	0	21.33	21.05	21.36	22.5	0
20	64QAM	1	49	21.30	21.37	21.43		
20	64QAM	1	99	21.35	21.33	21.45		
20	64QAM	50	0	20.75	20.57	20.59	21.5	1
20	64QAM	50	24	20.73	20.40	20.58		
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.89	18.74	19.5	3
20	256QAM	1	49	18.84	18.70	18.83		
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.86	18.52	18.45		
20	256QAM	50	24	18.54	18.66	18.51	19.5	3
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.31	21.40	21.26	22.5	0
15	QPSK	1	37	21.00	21.19	21.24		
15	QPSK	1	74	21.31	21.16	21.39		
15	QPSK	36	0	21.31	21.07	21.19	22.5	0
15	QPSK	36	20	21.11	21.30	21.24		
15	QPSK	36	39	21.30	21.04	21.03		
15	QPSK	75	0	21.02	21.28	21.12		
15	16QAM	1	0	21.27	20.96	21.06	22.5	0
15	16QAM	1	37	21.27	21.15	21.15		
15	16QAM	1	74	21.03	21.18	21.29		
15	16QAM	36	0	21.18	21.03	21.14	22.5	0
15	16QAM	36	20	21.11	21.23	21.14		
15	16QAM	36	39	21.16	21.14	21.16		
15	16QAM	75	0	21.14	21.01	20.96		
15	64QAM	1	0	21.16	20.93	21.20	22.5	0
15	64QAM	1	37	21.14	21.18	21.24		
15	64QAM	1	74	21.19	21.20	21.32		
15	64QAM	36	0	20.71	20.38	20.52	21.5	1
15	64QAM	36	20	20.66	20.24	20.42		
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.36	18.51	18.68	19.5	3
15	256QAM	1	37	18.66	18.53	18.64		
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32	19.5	3
15	256QAM	36	20	18.35	18.59	18.35		
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.43	21.44	21.30	22.5	0
10	QPSK	1	25	21.07	21.13	21.23		
10	QPSK	1	49	21.36	21.19	21.29		
10	QPSK	25	0	21.28	21.45	21.19	22.5	0
10	QPSK	25	12	21.22	21.40	21.28		
10	QPSK	25	25	21.17	21.10	21.07		
10	QPSK	50	0	21.13	21.21	21.22		
10	16QAM	1	0	21.25	20.91	21.04	22.5	0
10	16QAM	1	25	21.23	21.17	21.22		
10	16QAM	1	49	21.01	21.15	21.21		
10	16QAM	25	0	21.14	21.04	21.15	22.5	0
10	16QAM	25	12	21.20	21.26	21.08		
10	16QAM	25	25	21.31	21.09	21.07		
10	16QAM	50	0	21.03	21.13	21.00		
10	64QAM	1	0	21.26	20.89	21.17	22.5	0
10	64QAM	1	25	21.18	21.23	21.33		
10	64QAM	1	49	21.31	21.15	21.30		
10	64QAM	25	0	20.64	20.51	20.49	21.5	1
10	64QAM	25	12	20.64	20.36	20.52		
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.36	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60	19.5	3
10	256QAM	1	25	18.77	18.65	18.74		
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29	19.5	3
10	256QAM	25	12	18.45	18.58	18.44		
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.42	21.43	21.36	22.5	0
5	QPSK	1	12	21.02	21.15	21.26		
5	QPSK	1	24	21.35	21.21	21.26		
5	QPSK	12	0	21.37	21.42	21.23	22.5	0
5	QPSK	12	7	21.23	21.34	21.20		
5	QPSK	12	13	21.21	21.14	20.98		
5	QPSK	25	0	21.09	21.27	21.22		
5	16QAM	1	0	21.35	20.89	20.96	22.5	0
5	16QAM	1	12	21.28	21.16	21.14		
5	16QAM	1	24	21.17	21.14	21.27		
5	16QAM	12	0	21.09	21.08	21.16	22.5	0
5	16QAM	12	7	21.19	21.27	21.18		
5	16QAM	12	13	21.17	21.06	21.17		
5	16QAM	25	0	21.16	21.03	21.06		
5	64QAM	1	0	21.25	20.93	21.20	22.5	0
5	64QAM	1	12	21.21	21.19	21.25		
5	64QAM	1	24	21.20	21.20	21.36		
5	64QAM	12	0	20.62	20.39	20.42	21.5	1
5	64QAM	12	7	20.65	20.21	20.44		
5	64QAM	12	13	20.55	20.53	20.46		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66	19.5	3
5	256QAM	1	12	18.69	18.50	18.66		
5	256QAM	1	24	18.55	18.49	18.60		
5	256QAM	12	0	18.55	18.40	18.35	19.5	3
5	256QAM	12	7	18.48	18.51	18.41		
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.44	21.35	21.35	22.5	0
3	QPSK	1	8	21.00	21.13	21.21		
3	QPSK	1	14	21.27	21.19	21.39		
3	QPSK	8	0	21.34	21.31	21.20	22.5	0
3	QPSK	8	4	21.24	21.34	21.19		
3	QPSK	8	7	21.21	21.10	20.96		
3	QPSK	15	0	21.00	21.26	21.24		
3	16QAM	1	0	21.33	20.93	21.05	22.5	0
3	16QAM	1	8	21.21	21.19	21.14		
3	16QAM	1	14	21.02	21.10	21.27		
3	16QAM	8	0	21.15	21.04	21.03	22.5	0
3	16QAM	8	4	21.06	21.25	21.18		
3	16QAM	8	7	21.22	21.12	21.21		
3	16QAM	15	0	21.10	21.14	20.96		
3	64QAM	1	0	21.18	20.94	21.25	22.5	0
3	64QAM	1	8	21.18	21.29	21.28		
3	64QAM	1	14	21.22	21.23	21.41		
3	64QAM	8	0	20.58	20.47	20.52	21.5	1
3	64QAM	8	4	20.58	20.30	20.43		
3	64QAM	8	7	20.69	20.53	20.44		
3	64QAM	15	0	20.39	20.51	20.53		
3	256QAM	1	0	18.46	18.56	18.58	19.5	3
3	256QAM	1	8	18.77	18.59	18.73		
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29	19.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			26765	26865	26965		
	Frequency (MHz)			821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82	25	0
15	QPSK	1	37	23.75	23.91	23.67		
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78	24	1
15	QPSK	36	20	22.74	22.95	22.95		
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.79	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06	24	1
15	16QAM	1	37	23.03	22.87	22.92		
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.83	21.89	21.73	23	2
15	16QAM	36	20	21.83	21.88	21.72		
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24	23	2
15	64QAM	1	37	22.11	22.19	22.20		
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87	22	3
15	64QAM	36	20	21.07	21.01	21.04		
15	64QAM	36	39	21.00	20.79	20.90		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12	20	5
15	256QAM	1	37	18.98	19.16	19.16		
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.65	18.79	18.65	20	5
15	256QAM	36	20	18.46	18.79	18.59		
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
	Channel			26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.85	25	0
10	QPSK	1	25	23.57	23.87	23.46		
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.58	24	1
10	QPSK	25	12	22.64	22.84	22.85		
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99	24	1
10	16QAM	1	25	22.90	22.79	22.83		
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.83	23	2
10	16QAM	25	12	21.75	21.84	21.54		
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.65	21.85		
10	64QAM	1	0	22.18	22.07	22.07	23	2
10	64QAM	1	25	21.97	22.10	22.12		
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71	22	3
10	64QAM	25	12	20.98	20.95	20.96		
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94	20	5
10	256QAM	1	25	18.85	19.04	19.05		
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57	20	5
10	256QAM	25	12	18.35	18.68	18.36		
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
	Channel			26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64	25	0
5	QPSK	1	12	23.58	23.85	23.51		
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68	24	1
5	QPSK	12	7	22.56	22.87	22.81		
5	QPSK	12	13	22.78	22.88	22.80		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00	24	1
5	16QAM	1	12	22.91	22.78	22.84		
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.87	23	2
5	16QAM	12	7	21.74	21.79	21.55		
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12	23	2
5	64QAM	1	12	22.04	22.06	22.09		
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67	22	3
5	64QAM	12	7	21.01	20.90	20.98		
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06	20	5
5	256QAM	1	12	18.79	19.05	19.11		
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61	20	5
5	256QAM	12	7	18.34	18.71	18.41		
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
	Channel			26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69	25	0
3	QPSK	1	8	23.69	23.80	23.55		
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.81	24	1
3	QPSK	8	4	22.69	22.81	22.77		
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97	24	1
3	16QAM	1	8	22.93	22.71	22.81		
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.85	23	2
3	16QAM	8	4	21.74	21.74	21.64		
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.62	21.65	21.92		
3	64QAM	1	0	22.13	22.19	22.19	23	2
3	64QAM	1	8	22.04	22.10	22.15		
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72	22	3
3	64QAM	8	4	20.93	20.86	20.89		
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.67	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96	20	5
3	256QAM	1	8	18.87	19.04	19.00		
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60	20	5
3	256QAM	8	4	18.40	18.65	18.31		
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
	Channel			26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			814.7	831.5	848.3		
1.4	QPSK	1	0	23.74	23.85	23.83	25	0
1.4	QPSK	1	3	23.64	23.87	23.55		
1.4	QPSK	1	5	23.64	23.86	23.79		
1.4	QPSK	3	0	23.69	23.79	23.73		
1.4	QPSK	3	1	23.56	23.80	23.59		
1.4	QPSK	3	3	23.56	23.84	23.76		
1.4	QPSK	6	0	22.52	22.89	22.45	24	1
1.4	16QAM	1	0	22.60	22.75	22.69	24	1
1.4	16QAM	1	3	22.58	22.68	22.89		
1.4	16QAM	1	5	22.40	22.86	22.75		
1.4	16QAM	3	0	22.53	22.75	22.87		
1.4	16QAM	3	1	22.85	22.60	22.76		
1.4	16QAM	3	3	22.97	22.84	22.70		
1.4	16QAM	6	0	21.68	21.68	21.56	23	2
1.4	64QAM	1	0	21.69	21.70	21.48	23	2
1.4	64QAM	1	3	21.43	21.59	21.89		
1.4	64QAM	1	5	21.55	21.58	21.73		
1.4	64QAM	3	0	22.07	21.93	22.09		
1.4	64QAM	3	1	21.90	21.94	22.07		
1.4	64QAM	3	3	21.97	21.90	21.95		
1.4	64QAM	6	0	20.66	20.60	20.53	22	3
1.4	256QAM	1	0	18.92	18.91	19.07	20	5
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11		
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	22.32	22.64	22.41	23.5	0
20	QPSK	1	49	22.13	22.33	22.12		
20	QPSK	1	99	22.34	22.34	22.30		
20	QPSK	50	0	22.34	22.38	22.11	23.5	0
20	QPSK	50	24	22.19	22.37	22.19		
20	QPSK	50	50	22.18	22.30	22.10		
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25	23.5	0
20	16QAM	1	49	22.51	22.60	22.54		
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15	22.5	1
20	16QAM	50	24	21.33	21.30	21.18		
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.30	21.31	21.46	22.5	1
20	64QAM	1	49	21.35	21.43	21.14		
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20	21.5	2
20	64QAM	50	24	20.45	20.44	20.39		
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50	19.5	4
20	256QAM	1	49	18.49	18.67	18.55		
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.26	18.14	18.31	19.5	4
20	256QAM	50	24	18.41	18.32	18.38		
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	22.17	22.18	22.20	23.5	0
15	QPSK	1	37	21.89	22.04	21.82		
15	QPSK	1	74	22.24	22.29	22.16		
15	QPSK	36	0	22.23	22.29	22.00	23.5	0
15	QPSK	36	20	22.08	22.28	22.12		
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21	23.5	0
15	16QAM	1	37	22.32	22.49	22.49		
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09	22.5	1
15	16QAM	36	20	21.16	21.24	21.05		
15	16QAM	36	39	21.65	21.30	21.31		
15	16QAM	75	0	21.19	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28	22.5	1
15	64QAM	1	37	21.18	21.32	21.09		
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07	21.5	2
15	64QAM	36	20	20.26	20.27	20.23		
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39	19.5	4
15	256QAM	1	37	18.43	18.59	18.44		
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16	19.5	4
15	256QAM	36	20	18.34	18.27	18.23		
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1716	1745	1774		
10	QPSK	1	0	22.12	22.41	22.01	23.5	0
10	QPSK	1	25	22.00	22.11	21.94		
10	QPSK	1	49	22.15	22.17	22.02		
10	QPSK	25	0	22.22	22.25	22.02	23.5	0
10	QPSK	25	12	22.11	22.29	22.09		
10	QPSK	25	25	22.09	22.21	22.01		
10	QPSK	50	0	22.27	22.20	22.16		
10	16QAM	1	0	22.47	22.37	22.07	23.5	0
10	16QAM	1	25	22.44	22.49	22.35		
10	16QAM	1	49	22.36	22.23	22.49		
10	16QAM	25	0	21.20	21.20	21.10	22.5	1
10	16QAM	25	12	21.27	21.19	21.11		
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41	22.5	1
10	64QAM	1	25	21.30	21.29	21.03		
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13	21.5	2
10	64QAM	25	12	20.39	20.35	20.33		
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43	19.5	4
10	256QAM	25	0	18.30	18.55	18.49		
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.68	18.36	18.25	19.5	4
10	256QAM	25	12	18.22	18.23	18.26		
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	22.32	22.14	22.14	23.5	0
5	QPSK	1	12	21.89	22.08	21.90		
5	QPSK	1	24	21.99	22.16	22.01		
5	QPSK	12	0	22.27	22.33	21.93	23.5	0
5	QPSK	12	7	22.02	22.29	22.09		
5	QPSK	12	13	22.06	22.21	21.93		
5	QPSK	25	0	22.34	22.17	22.18		
5	16QAM	1	0	22.47	22.25	22.19	23.5	0
5	16QAM	1	12	22.35	22.47	22.44		
5	16QAM	1	24	22.41	22.21	22.59		
5	16QAM	12	0	21.26	21.13	21.06	22.5	1
5	16QAM	12	7	21.24	21.18	21.09		
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37	22.5	1
5	64QAM	1	12	21.19	21.36	20.97		
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13	21.5	2
5	64QAM	12	7	20.39	20.30	20.24		
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44	19.5	4
5	256QAM	1	12	18.42	18.63	18.49		
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24	19.5	4
5	256QAM	12	7	18.38	18.16	18.30		
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
	Channel			131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	22.17	22.37	22.12	23.5	0
3	QPSK	1	8	22.04	21.94	21.94		
3	QPSK	1	14	22.16	22.27	22.14		
3	QPSK	8	0	22.29	22.22	22.05	23.5	0
3	QPSK	8	4	22.02	22.19	21.99		
3	QPSK	8	7	22.06	22.24	22.02		
3	QPSK	15	0	22.32	22.16	22.20		
3	16QAM	1	0	22.39	22.32	22.17	23.5	0
3	16QAM	1	8	22.36	22.44	22.37		
3	16QAM	1	14	22.30	22.22	22.55		
3	16QAM	8	0	21.34	21.29	21.09	22.5	1
3	16QAM	8	4	21.16	21.19	21.12		
3	16QAM	8	7	21.09	21.28	21.25		
3	16QAM	15	0	21.07	21.03	21.15		
3	64QAM	1	0	21.23	21.20	21.37	22.5	1
3	64QAM	1	8	21.19	21.36	21.10		
3	64QAM	1	14	21.21	21.36	21.05		
3	64QAM	8	0	20.24	20.26	20.13	21.5	2
3	64QAM	8	4	20.31	20.40	20.28		
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.38	19.5	4
3	256QAM	1	8	18.38	18.50	18.41		
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19	19.5	4
3	256QAM	8	4	18.37	18.13	18.30		
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	22.11	22.20	21.92	23.5	0
1.4	QPSK	1	3	21.75	22.10	21.80		
1.4	QPSK	1	5	22.25	22.17	22.24		
1.4	QPSK	3	0	22.10	22.40	22.27		
1.4	QPSK	3	1	21.87	22.11	21.82		
1.4	QPSK	3	3	22.19	22.31	22.10		
1.4	QPSK	6	0	22.19	22.12	21.96	23.5	0
1.4	16QAM	1	0	21.92	22.14	21.79	23.5	0
1.4	16QAM	1	3	21.93	22.04	21.89		
1.4	16QAM	1	5	22.25	22.10	22.09		
1.4	16QAM	3	0	22.22	22.19	22.07		
1.4	16QAM	3	1	22.21	22.26	22.18		
1.4	16QAM	3	3	22.17	22.12	22.45		
1.4	16QAM	6	0	21.28	21.17	20.99	22.5	1
1.4	64QAM	1	0	21.06	21.11	21.00	22.5	1
1.4	64QAM	1	3	21.00	21.23	21.21		
1.4	64QAM	1	5	20.96	20.88	21.02		
1.4	64QAM	3	0	21.09	21.05	21.23		
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	2
1.4	256QAM	1	0	18.35	18.36	18.31	19.5	4
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39		
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	4

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			133222	133297	133372		
	Frequency (MHz)			673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65	25	0
20	QPSK	1	49	23.70	23.65	23.62		
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70	24	1
20	QPSK	50	24	22.66	22.79	22.60		
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10	24	1
20	16QAM	1	49	23.17	23.06	23.13		
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67	23	2
20	16QAM	50	24	21.72	21.70	21.91		
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.26	22.11	22.25	23	2
20	64QAM	1	49	22.02	21.98	21.96		
20	64QAM	1	99	21.99	22.19	22.18		
20	64QAM	50	0	20.93	20.76	20.78	22	3
20	64QAM	50	24	20.80	20.85	20.71		
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90	20	5
20	256QAM	1	49	18.87	18.86	19.00		
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74	20	5
20	256QAM	50	24	18.80	18.89	18.98		
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
	Channel			133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.83	23.48	25	0
15	QPSK	1	37	23.66	23.59	23.44		
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.85	22.57	24	1
15	QPSK	36	20	22.49	22.85	22.42		
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.85	22.51		
15	16QAM	1	0	22.66	22.99	22.94	24	1
15	16QAM	1	37	23.08	22.99	23.02		
15	16QAM	1	74	22.87	22.88	23.03		
15	16QAM	36	0	21.73	21.89	21.48	23	2
15	16QAM

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.50	19.54	19.48		
20	QPSK	1	49	19.15	19.32	19.35	20.5	0
20	QPSK	1	99	19.23	19.13	19.50		
20	QPSK	50	0	19.39	19.50	19.27		
20	QPSK	50	24	19.23	19.23	19.37	20.5	0
20	QPSK	50	50	19.47	19.21	19.32		
20	QPSK	100	0	19.33	19.46	19.41		
20	16QAM	1	0	19.25	19.40	19.44		
20	16QAM	1	49	19.49	19.18	19.27	20.5	0
20	16QAM	1	99	19.38	19.44	19.29		
20	16QAM	50	0	19.22	19.28	19.41		
20	16QAM	50	24	19.25	19.15	19.38	20.5	0
20	16QAM	50	50	19.19	19.21	19.33		
20	16QAM	100	0	19.22	19.22	19.34		
20	64QAM	1	0	19.25	19.42	19.14		
20	64QAM	1	49	19.16	19.38	19.29	20.5	0
20	64QAM	1	99	19.26	19.23	19.38		
20	64QAM	50	0	19.26	19.08	19.33		
20	64QAM	50	24	19.37	19.16	19.21	20.5	0
20	64QAM	50	50	19.40	19.23	19.36		
20	64QAM	100	0	19.47	19.21	19.17		
20	256QAM	1	0	18.73	18.78	18.89		
20	256QAM	1	49	18.76	18.77	18.89	19.5	1
20	256QAM	1	99	18.74	18.70	18.62		
20	256QAM	50	0	18.58	18.63	18.55		
20	256QAM	50	24	18.46	18.73	18.53	19.5	1
20	256QAM	50	50	18.59	18.53	18.67		
20	256QAM	100	0	18.78	18.73	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.33	19.34	19.23		
15	QPSK	1	37	18.96	19.14	19.18	20.5	0
15	QPSK	1	74	19.04	18.99	19.27		
15	QPSK	36	0	19.22	19.31	19.07		
15	QPSK	36	20	19.07	19.01	19.12	20.5	0
15	QPSK	36	39	19.23	19.04	19.04		
15	QPSK	75	0	19.05	19.25	19.19		
15	16QAM	1	0	19.11	19.24	19.18		
15	16QAM	1	37	18.95	19.00	19.06	20.5	0
15	16QAM	1	74	19.21	19.14	19.19		
15	16QAM	36	0	18.99	19.12	19.14		
15	16QAM	36	20	19.02	18.95	19.18	20.5	0
15	16QAM	36	39	19.05	19.01	19.10		
15	16QAM	75	0	19.02	19.06	19.11		
15	64QAM	1	0	19.10	19.20	18.99		
15	64QAM	1	37	18.87	19.16	19.04	20.5	0
15	64QAM	1	74	19.09	18.98	19.18		
15	64QAM	36	0	19.07	18.98	19.13		
15	64QAM	36	20	19.09	19.06	18.99	20.5	0
15	64QAM	36	39	19.19	19.04	19.25		
15	64QAM	75	0	19.18	19.10	18.94		
15	256QAM	1	0	18.57	18.66	18.81		
15	256QAM	1	37	18.62	18.61	18.72	19.5	1
15	256QAM	1	74	18.59	18.63	18.43		
15	256QAM	36	0	18.39	18.58	18.36		
15	256QAM	36	20	18.36	18.68	18.45	19.5	1
15	256QAM	36	39	18.47	18.41	18.61		
15	256QAM	75	0	18.59	18.56	18.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.25	19.32	19.27		
10	QPSK	1	25	19.03	19.15	19.09	20.5	0
10	QPSK	1	49	19.04	18.96	19.26		
10	QPSK	25	0	19.23	19.30	19.15		
10	QPSK	25	12	18.96	19.06	19.16	20.5	0
10	QPSK	25	25	19.25	19.09	19.03		
10	QPSK	50	0	19.08	19.22	19.26		
10	16QAM	1	0	19.03	19.24	19.19		
10	16QAM	1	25	18.95	18.98	19.13	20.5	0
10	16QAM	1	49	19.18	19.17	19.16		
10	16QAM	25	0	18.95	19.12	19.15		
10	16QAM	25	12	19.09	19.01	19.14	20.5	0
10	16QAM	25	25	19.04	19.03	19.06		
10	16QAM	50	0	19.02	19.06	19.07		
10	64QAM	1	0	19.15	19.21	19.00		
10	64QAM	1	25	18.95	19.19	19.08	20.5	0
10	64QAM	1	49	19.12	19.03	19.17		
10	64QAM	25	0	19.13	18.89	19.13		
10	64QAM	25	12	19.13	19.03	18.98	20.5	0
10	64QAM	25	25	19.21	19.04	19.17		
10	64QAM	50	0	19.21	19.04	19.00		
10	256QAM	1	0	18.62	18.70	18.84		
10	256QAM	1	25	18.70	18.58	18.70	19.5	1
10	256QAM	1	49	18.64	18.62	18.55		
10	256QAM	25	0	18.47	18.45	18.41		
10	256QAM	25	12	18.34	18.61	18.45	19.5	1
10	256QAM	25	25	18.45	18.47	18.57		
10	256QAM	50	0	18.65	18.56	18.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.25	19.29	19.23		
5	QPSK	1	12	19.02	19.14	19.15	20.5	0
5	QPSK	1	24	19.04	18.91	19.20		
5	QPSK	12	0	19.21	19.27	19.06		
5	QPSK	12	7	19.04	18.99	19.22	20.5	0
5	QPSK	12	13	19.30	18.98	19.08		
5	QPSK	25	0	19.09	19.28	19.30		
5	16QAM	1	0	19.11	19.26	19.15		
5	16QAM	1	12	19.24	18.98	19.12	20.5	0
5	16QAM	1	24	19.11	19.13	19.09		
5	16QAM	12	0	18.96	19.08	19.15		
5	16QAM	12	7	19.08	19.00	19.15	20.5	0
5	16QAM	12	13	19.07	18.99	19.03		
5	16QAM	25	0	19.11	19.05	19.03		
5	64QAM	1	0	19.12	19.23	19.00		
5	64QAM	1	12	18.88	19.14	19.04	20.5	0
5	64QAM	1	24	19.12	19.05	19.14		
5	64QAM	12	0	19.13	18.90	19.19		
5	64QAM	12	7	19.09	19.05	18.97	20.5	0
5	64QAM	12	13	19.19	19.08	19.22		
5	64QAM	25	0	19.27	19.03	18.99		
5	256QAM	1	0	18.64	18.72	18.71		
5	256QAM	1	12	18.83	18.62	18.72	19.5	1
5	256QAM	1	24	18.59	18.62	18.43		
5	256QAM	12	0	18.50	18.46	18.46		
5	256QAM	12	7	18.30	18.59	18.33	19.5	1
5	256QAM	12	13	18.46	18.45	18.58		
5	256QAM	25	0	18.61	18.64	18.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.29	19.32	19.26		
3	QPSK	1	8	19.00	19.12	19.16	20.5	0
3	QPSK	1	14	19.06	18.94	19.26		
3	QPSK	8	0	19.11	19.27	19.17		
3	QPSK	8	4	19.07	18.99	19.13	20.5	0
3	QPSK	8	7	19.26	19.07	19.05		
3	QPSK	15	0	19.06	19.31	19.24		
3	16QAM	1	0	19.09	19.22	19.14		
3	16QAM	1	8	19.28	19.06	19.07	20.5	0
3	16QAM	1	14	19.11	19.23	19.12		
3	16QAM	8	0	19.01	19.13	19.14		
3	16QAM	8	4	19.06	19.03	19.19	20.5	0
3	16QAM	8	7	18.97	18.94	19.10		
3	16QAM	15	0	19.06	19.09	19.10		
3	64QAM	1	0	19.08	19.22	19.01		
3	64QAM	1	8	18.96	19.14	19.09	20.5	0
3	64QAM	1	14	19.13	19.09	19.10		
3	64QAM	8	0	19.14	18.96	19.10		
3	64QAM	8	4	19.13	19.00	18.95	20.5	0
3	64QAM	8	7	19.16	19.02	19.21		
3	64QAM	15	0	19.21	19.06	18.92		
3	256QAM	1	0	18.59	18.66	18.72		
3	256QAM	1	8	18.80	18.69	18.80	19.5	1
3	256QAM	1	14	18.54	18.54	18.54		
3	256QAM	8	0	18.44	18.58	18.47		
3	256QAM	8	4	18.40	18.56	18.37	19.5	1
3	256QAM	8	7	18.51	18.44	18.61		
3	256QAM	15	0	18.61	18.60	18.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.17	19.09	19.05		
1.4	QPSK	1	3	18.91	19.11	19.12		
1.4	QPSK	1	5	18.83	18.79	19.18	20.5	0
1.4	QPSK	3	0	18.99	19.16	19.03		
1.4	QPSK	3	1	18.96	18.88	18.99		
1.4	QPSK	3	3	19.09	18.89	18.98		
1.4	QPSK	6	0	18.89	19.11	19.04	20.5	0
1.4	16QAM	1	0	18.89	19.12	19.15		
1.4	16QAM	1	3	19.02	18.91	19.11		
1.4	16QAM	1	5	19.07	18.97	19.06	20.5	0
1.4	16QAM	3	0	18.96	19.04	19.02		
1.4	16QAM	3	1	18.94	18.87	18.99		
1.4	16QAM	3	3	18.80	18.76	18.84		
1.4	16QAM	6	0	18.89	18.93	18.87	20.5	0
1.4	64QAM	1	0	19.08	19.01	18.96		
1.4	64QAM	1	3	18.81	18.97	19.00		
1.4	64QAM	1	5	19.04	18.99	19.07	20.5	0
1.4	64QAM	3	0	18.98	18.79	19.06		
1.4	64QAM	3	1	19.02	18.81	18.94		
1.4	64QAM	3	3	18.93	19.03	19.01		
1.4	64QAM	6	0	19.03	19.03	18.82	20.5	0
1.4	256QAM	1	0	18.67	18.61	18.75		
1.4	256QAM	1	3	18.80	18.66	18.70		
1.4	256QAM	1	5	18.62	18.62	18.56	19.5	1
1.4	256QAM	3	0	18.50	18.56	18.48		
1.4	256QAM	3	1	18.30	18.60	18.40		
1.4	256QAM	3	3	18.40	18.37	18.51		
1.4	256QAM	6	0	18.62	18.60	18.38	19.5	1

LTE Band 4 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.87	18.01	17.91		
20	QPSK	1	49	17.84	17.90	17.85	19	0
20	QPSK	1	99	17.76	17.98	17.92		
20	QPSK	50	0	17.86	17.92	17.90		
20	QPSK	50	24	17.81	17.77	17.76	19	0
20	QPSK	50	50	17.67	17.67	17.90		
20	QPSK	100	0	17.75	17.90	17.77		
20	16QAM	1	0	17.86	17.72	17.86		
20	16QAM	1	49	17.82	17.82	17.81	19	0
20	16QAM	1	99	17.77	17.60	17.73		
20	16QAM	50	0	17.92	17.81	17.88		
20	16QAM	50	24	17.82	17.87	17.81	19	0
20	16QAM	50	50	17.81	17.66	17.66		
20	16QAM	100	0	17.79	17.83	17.68		
20	64QAM	1	0	17.75	17.81	17.80		
20	64QAM	1	49	17.73	17.70	17.82	19	0
20	64QAM	1	99	17.82	17.79	17.82		
20	64QAM	50	0	17.83	17.92	17.66		
20	64QAM	50	24	17.80	17.82	18.00	19	0
20	64QAM	50	50	17.88	17.86	17.81		
20	64QAM	100	0	17.82	17.85	17.99		
20	256QAM	1	0	17.77	17.84	17.79		
20	256QAM	1	49	17.76	17.86	17.71	19	0
20	256QAM	1	99	17.70	17.71	17.77		
20	256QAM	50	0	17.77	17.69	17.68		
20	256QAM	50	24	17.64	17.55	17.78	19	0
20	256QAM	50	50	17.97	17.92	17.71		
20	256QAM	100	0	17.67	17.77	17.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.77	17.85	17.82		
15	QPSK	1	37	17.75	17.71	17.68	19	0
15	QPSK	1	74	17.74	17.86	17.79		
15	QPSK	36	0	17.75	17.79	17.82		
15	QPSK	36	20	17.61	17.72	17.65	19	0
15	QPSK	36	39	17.61	17.50	17.80		
15	QPSK	75	0	17.55	17.79	17.57		
15	16QAM	1	0	17.71	17.66	17.78		
15	16QAM	1	37	17.75	17.74	17.70	19	0
15	16QAM	1	74	17.76	17.56	17.58		
15	16QAM	36	0	17.82	17.73	17.83		
15	16QAM	36	20	17.62	17.76	17.77	19	0
15	16QAM	36	39	17.63	17.54	17.56		
15	16QAM	75	0	17.63	17.83	17.50		
15	64QAM	1	0	17.73	17.68	17.70		
15	64QAM	1	37	17.52	17.68	17.77	19	0
15	64QAM	1	74	17.70	17.70	17.70		
15	64QAM	36	0	17.71	17.81	17.57		
15	64QAM	36	20	17.84	17.80	17.86	19	0
15	64QAM	36	39	17.83	17.74	17.78		
15	64QAM	75	0	17.63	17.77	17.67		
15	256QAM	1	0	17.62	17.80	17.71		
15	256QAM	1	37	17.65	17.68	17.50	19	0
15	256QAM	1	74	17.55	17.82	17.71		
15	256QAM	36	0	17.69	17.58	17.63		
15	256QAM	36	20	17.57	17.53	17.71	19	0
15	256QAM	36	39	17.85	17.80	17.66		
15	256QAM	75	0	17.58	17.75	17.65		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.79	17.90	17.84		
10	QPSK	1	25	17.71	17.79	17.66	19	0
10	QPSK	1	49	17.72	17.88	17.80		
10	QPSK	25	0	17.77	17.83	17.77		
10	QPSK	25	12	17.71	17.70	17.70	19	0
10	QPSK	25	25	17.59	17.47	17.77		
10	QPSK	50	0	17.63	17.77	17.56		
10	16QAM	1	0	17.75	17.64	17.77		
10	16QAM	1	25	17.78	17.80	17.75	19	0
10	16QAM	1	49	17.67	17.51	17.59		
10	16QAM	25	0	17.83	17.70	17.85		
10	16QAM	25	12	17.66	17.77	17.72	19	0
10	16QAM	25	25	17.65	17.60	17.60		
10	16QAM	50	0	17.74	17.76	17.56		
10	64QAM	1	0	17.70	17.69	17.73		
10	64QAM	1	25	17.61	17.69	17.69	19	0
10	64QAM	1	49	17.73	17.70	17.65		
10	64QAM	25	0	17.69	17.82	17.58		
10	64QAM	25	12	17.78	17.80	17.80	19	0
10	64QAM	25	25	17.85	17.82	17.82		
10	64QAM	50	0	17.63	17.65	17.89		
10	256QAM	1	0	17.61	17.73	17.71		
10	256QAM	1	25	17.69	17.73	17.53	19	0
10	256QAM	1	49	17.62	17.54	17.61		
10	256QAM	25	0	17.72	17.52	17.57		
10	256QAM	25	12	17.56	17.48	17.68	19	0
10	256QAM	25	25	17.86	17.76	17.65		
10	256QAM	50	0	17.52	17.77	17.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.79	17.83	17.86		
5	QPSK	1	12	17.77	17.82	17.74	19	0
5	QPSK	1	24	17.75	17.80	17.80		
5	QPSK	12	0	17.78	17.79	17.77		
5	QPSK	12	7	17.63	17.76	17.62	19	0
5	QPSK	12	13	17.54	17.54	17.72		
5	QPSK	25	0	17.56	17.79	17.56		
5	16QAM	1	0	17.71	17.70	17.72		
5	16QAM	1	12	17.88	17.69	17.71	19	0
5	16QAM	1	24	17.78	17.51	17.66		
5	16QAM	12	0	17.87	17.80	17.78		
5	16QAM	12	7	17.67	17.76	17.72	19	0
5	16QAM	12	13	17.71	17.55	17.59		
5	16QAM	25	0	17.68	17.73	17.53		
5	64QAM	1	0	17.75	17.72	17.69		
5	64QAM	1	12	17.53	17.59	17.72	19	0
5	64QAM	1	24	17.65	17.75	17.73		
5	64QAM	12	0	17.68	17.76	17.56		
5	64QAM	12	7	17.80	17.79	17.68	19	0
5	64QAM	12	13	17.82	17.77	17.70		
5	64QAM	25	0	17.60	17.76	17.82		
5	256QAM	1	0	17.65	17.79	17.72		
5	256QAM	1	12	17.60	17.73	17.59	19	0
5	256QAM	1	24	17.54	17.60	17.71		
5	256QAM	12	0	17.63	17.59	17.62		
5	256QAM	12	7	17.56	17.48	17.68	19	0
5	256QAM	12	13	17.82	17.74	17.59		
5	256QAM	25	0	17.49	17.69	17.71		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.73	17.85	17.85		
3	QPSK	1	8	17.73	17.72	17.66	19	0
3	QPSK	1	14	17.67	17.90	17.89		
3	QPSK	8	0	17.76	17.81	17.81		
3	QPSK	8	4	17.66	17.68	17.73	19	0
3	QPSK	8	7	17.54	17.47	17.82		
3	QPSK	15	0	17.65	17.78	17.59		
3	16QAM	1	0	17.74	17.71	17.71		
3	16QAM	1	8	17.78	17.76	17.72	19	0
3	16QAM	1	14	17.70	17.55	17.57		
3	16QAM	8	0	17.86	17.79	17.75		
3	16QAM	8	4	17.65	17.83	17.71	19	0
3	16QAM	8	7	17.68	17.54	17.63		
3	16QAM	15	0	17.72	17.77	17.51		
3	64QAM	1	0	17.76	17.78	17.74		
3	64QAM	1	8	17.57	17.64	17.76	19	0
3	64QAM	1	14	17.67	17.78	17.69		
3	64QAM	8	0	17.77	17.81	17.50		
3	64QAM	8	4	17.81	17.73	17.80	19	0
3	64QAM	8	7	17.82	17.76	17.80		
3	64QAM	15	0	17.67	17.66	17.87		
3	256QAM	1	0	17.67	17.76	17.74		
3	256QAM	1	8	17.66	17.71	17.56	19	0
3	256QAM	1	14	17.55	17.64	17.59		
3	256QAM	8	0	17.63	17.54	17.56		
3	256QAM	8	4	17.60	17.50	17.69	19	0
3	256QAM	8	7	17.87	17.73	17.59		
3	256QAM	15	0	17.46	17.70	17.73		
Channel				19900	20175	20450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.64	17.71	17.68		
1.4	QPSK	1	3	17.60	17.58	17.55		
1.4	QPSK	1	5	17.61	17.72	17.73	19	0
1.4	QPSK	3	0	17.67	17.69	17.64		
1.4	QPSK	3	1	17.51	17.59	17.51		
1.4	QPSK	3	3	17.42	17.44	17.65		
1.4	QPSK	6	0	17.42	17.75	17.50	19	0
1.4	16QAM	1	0	17.70	17.59	17.62		
1.4	16QAM	1	3	17.51	17.54	17.54		
1.4	16QAM	1	5	17.63	17.39	17.51	19	0
1.4	16QAM	3	0	17.74	17.56	17.61		
1.4	16QAM	3	1	17.47	17.63	17.70		
1.4	16QAM	3	3	17.60	17.35	17.40		
1.4	16QAM	6	0	17.61	17.65	17.43	19	0
1.4	64QAM	1	0	17.54	17.63	17.57		
1.4	64QAM	1	3	17.42	17.64	17.59		
1.4	64QAM	1	5	17.47	17.57	17.69	19	0
1.4	64QAM	3	0	17.62	17.67	17.41		
1.4	64QAM	3	1	17.65	17.62	17.75		
1.4	64QAM	3	3	17.77	17.63	17.72		
1.4	64QAM	6	0	17.59	17.62	17.82	19	0
1.4	256QAM	1	0	17.61	17.64	17.58		
1.4	256QAM	1	3	17.57	17.51	17.50		
1.4	256QAM	1	5	17.42	17.44	17.59	19	0
1.4	256QAM	3	0	17.46	17.34	17.51		
1.4	256QAM	3	1	17.44	17.35	17.55		
1.4	256QAM	3	3	17.74	17.64	17.42		
1.4	256QAM	6	0	17.51	17.52	17.46	19	0

LTE Band 25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 26140	Power Middle Ch. / 26340	Power High Ch. / 26590	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.31	19.55	19.39		
20	QPSK	1	49	19.21	19.14	19.20	20.5	0
20	QPSK	1	99	19.32	19.29	19.25		
20	QPSK	50	0	19.33	19.47	19.36		
20	QPSK	50	24	19.17	19.14	19.09	20.5	0
20	QPSK	50	50	19.08	19.21	19.29		
20	QPSK	100	0	19.12	19.38	19.25		
20	16QAM	1	0	19.39	19.39	19.20		
20	16QAM	1	49	19.42	19.30	19.42	20.5	0
20	16QAM	1	99	19.13	19.29	19.32		
20	16QAM	50	0

LTE Band 43 Ant6

(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.51		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.54	22.57	24	0
10	QPSK	1	25	22.44	22.56	22.51		
10	QPSK	1	49	22.59	22.52	22.51		
10	QPSK	25	0	21.61	21.75	21.52	23	1
10	QPSK	25	12	21.66	21.82	21.57		
10	QPSK	25	25	21.68	21.70	21.57		
10	QPSK	50	0	21.64	21.77	21.73		
10	16QAM	1	0	21.31	21.56	21.54	23	1
10	16QAM	1	25	21.64	21.48	21.59		
10	16QAM	1	49	21.62	21.56	21.54		
10	16QAM	25	0	20.68	20.71	20.68	22	2
10	16QAM	25	12	20.43	20.61	20.67		
10	16QAM	25	25	20.67	20.57	20.70		
10	16QAM	50	0	20.61	20.42	20.55		
10	64QAM	1	0	20.70	20.79	20.79	22	2
10	64QAM	1	25	20.86	20.84	20.64		
10	64QAM	1	49	20.50	20.88	20.73		
10	64QAM	25	0	19.74	19.66	19.48	21	3
10	64QAM	25	12	19.86	19.60	19.64		
10	64QAM	25	25	19.73	19.58	19.43		
10	64QAM	50	0	19.53	19.74	19.50		
10	256QAM	1	0	17.69	17.53	17.69	19	5
10	256QAM	1	25	17.70	17.68	17.51		
10	256QAM	1	49	17.64	17.62	17.48		
10	256QAM	25	0	17.79	17.65	17.70	19	5
10	256QAM	25	12	17.52	17.76	17.49		
10	256QAM	25	25	17.66	17.61	17.68		
10	256QAM	50	0	17.76	17.71	17.61		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.50	22.64	22.58	24	0
5	QPSK	1	12	22.42	22.57	22.59		
5	QPSK	1	24	22.57	22.49	22.46		
5	QPSK	12	0	21.67	21.55	21.48	23	1
5	QPSK	12	7	21.52	21.60	21.56		
5	QPSK	12	13	21.64	21.43	21.57		
5	QPSK	25	0	21.51	21.51	21.50		
5	16QAM	1	0	21.39	21.41	21.39	23	1
5	16QAM	1	12	21.65	21.56	21.67		
5	16QAM	1	24	21.54	21.53	21.58		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6

FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.72	22.63	22.45	24	0
20	QPSK	1	49	22.55	22.70	22.63	22.59		
20	QPSK	1	99	22.52	22.65	22.48	22.58		
20	QPSK	50	0	21.89	21.92	21.67	21.78	23	1
20	QPSK	50	24	21.81	21.83	21.84	21.70		
20	QPSK	50	50	21.75	21.90	21.89	21.69		
20	QPSK	100	0	21.83	21.88	21.86	21.79		
20	16QAM	1	0	21.59	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.71	21.82	21.51	21.78		
20	16QAM	1	99	21.81	21.74	21.62	21.77		
20	16QAM	50	0	20.70	20.88	20.90	20.81	22	2
20	16QAM	50	24	20.82	21.03	21.02	20.91		
20	16QAM	50	50	21.02	21.01	20.95	20.99		
20	16QAM	100	0	20.85	20.99	20.70	20.86		
20	64QAM	1	0	20.77	20.76	20.61	20.71	22	2
20	64QAM	1	49	20.89	20.92	20.94	20.93		
20	64QAM	1	99	20.69	20.64	20.59	20.92		
20	64QAM	50	0	19.98	19.87	19.71	20.03	21	3
20	64QAM	50	24	19.70	19.75	19.81	19.82		
20	64QAM	50	50	19.78	19.78	19.84	19.78		
20	64QAM	100	0	19.92	19.70	19.71	19.86		
20	256QAM	1	0	17.71	17.75	17.65	17.86	19	5
20	256QAM	1	49	17.62	17.67	17.61	17.64		
20	256QAM	1	99	17.67	17.77	17.59	17.89		
20	256QAM	50	0	18.00	17.92	17.85	17.81	19	5
20	256QAM	50	24	18.04	17.77	17.74	17.94		
20	256QAM	50	50	17.87	17.96	17.93	17.79		
20	256QAM	100	0	17.87	17.92	18.10	17.79		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.50	22.53	22.48	22.36	24	0
15	QPSK	1	37	22.36	22.63	22.48	22.51		
15	QPSK	1	74	22.39	22.56	22.39	22.46		
15	QPSK	36	0	21.79	21.74	21.59	21.59	23	1
15	QPSK	36	20	21.62	21.74	21.77	21.57		
15	QPSK	36	39	21.57	21.82	21.79	21.54		
15	QPSK	75	0	21.70	21.73	21.68	21.69		
15	16QAM	1	0	21.50	21.55	21.60	21.60	23	1
15	16QAM	1	37	21.66	21.67	21.34	21.63		
15	16QAM	1	74	21.75	21.58	21.50	21.71		
15	16QAM	36	0	20.64	20.72	20.85	20.75	22	2
15	16QAM	36	20	20.63	20.98	20.93	20.77		
15	16QAM	36	39	20.86	20.93	20.86	20.90		
15	16QAM	75	0	20.66	20.94	20.58	20.72		
15	64QAM	1	0	20.72	20.71	20.52	20.60	22	2
15	64QAM	1	37	20.75	20.86	20.85	20.86		
15	64QAM	1	74	20.59	20.49	20.51	20.74		
15	64QAM	36	0	19.79	19.79	19.54	19.89	21	3
15	64QAM	36	20	19.57	19.58	19.64	19.73		
15	64QAM	36	39	19.74	19.67	19.70	19.64		
15	64QAM	75	0	19.81	19.57	19.64	19.67		
15	256QAM	1	0	17.58	17.63	17.61	17.74	19	5
15	256QAM	1	37	17.50	17.50	17.49	17.51		
15	256QAM	1	74	17.53	17.63	17.51	17.75		
15	256QAM	36	0	17.83	17.84	17.72	17.66	19	5
15	256QAM	36	20	17.92	17.68	17.65	17.89		
15	256QAM	36	39	17.71	17.91	17.76	17.70		
15	256QAM	75	0	17.71	17.77	18.05	17.72		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.50	22.54	22.48	22.30	24	0
10	QPSK	1	25	22.49	22.53	22.45	22.44		
10	QPSK	1	49	22.47	22.60	22.33	22.39		
10	QPSK	25	0	21.84	21.85	21.52	21.67	23	1
10	QPSK	25	12	21.71	21.72	21.68	21.60		
10	QPSK	25	25	21.67	21.74	21.69	21.58		
10	QPSK	50	0	21.73	21.81	21.70	21.70		
10	16QAM	1	0	21.54	21.51	21.68	21.67	23	1
10	16QAM	1	25	21.58	21.70	21.44	21.62		
10	16QAM	1	49	21.76	21.58	21.57	21.69		
10	16QAM	25	0	20.60	20.75	20.85	20.75	22	2
10	16QAM	25	12	20.65	20.84	20.90	20.79		
10	16QAM	25	25	20.89	20.97	20.86	20.79		
10	16QAM	50	0	20.72	20.88	20.58	20.76		
10	64QAM	1	0	20.68	20.58	20.45	20.65	22	2
10	64QAM	1	25	20.77	20.80	20.79	20.77		
10	64QAM	1	49	20.55	20.46	20.48	20.75		
10	64QAM	25	0	19.79	19.80	19.61	19.91	21	3
10	64QAM	25	12	19.64	19.56	19.66	19.72		
10	64QAM	25	25	19.60	19.61	19.64	19.74		
10	64QAM	50	0	19.75	19.52	19.55	19.79		
10	256QAM	1	0	17.57	17.67	17.53	17.79	19	5
10	256QAM	1	25	17.46	17.60	17.46	17.50		
10	256QAM	1	49	17.51	17.70	17.53	17.76		
10	256QAM	25	0	17.90	17.78	17.79	17.62	19	5
10	256QAM	25	12	17.89	17.59	17.54	17.87		
10	256QAM	25	25	17.74	17.83	17.81	17.62		
10	256QAM	50	0	17.79	17.80	18.02	17.62		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.53	22.63	22.59	22.31	24	0
5	QPSK	1	12	22.43	22.60	22.49	22.50		
5	QPSK	1	24	22.35	22.52	22.33	22.42		
5	QPSK	12	0	21.77	21.75	21.56	21.64	23	1
5	QPSK	12	7	21.69	21.75	21.65	21.50		
5	QPSK	12	13	21.63	21.80	21.75	21.52		
5	QPSK	25	0	21.76	21.81	21.66	21.73		
5	16QAM	1	0	21.51	21.55	21.62	21.68	23	1
5	16QAM	1	12	21.61	21.74	21.35	21.60		
5	16QAM	1	24	21.71	21.64	21.57	21.72		
5	16QAM	12	0	20.56	20.78	20.73	20.67	22	2
5	16QAM	12	7	20.72	20.85	20.85	20.86		
5	16QAM	12	13	20.95	20.87	20.84	20.88		
5	16QAM	25	0	20.73	20.84	20.52	20.70		
5	64QAM	1	0	20.60	20.60	20.54	20.52	22	2
5	64QAM	1	12	20.81	20.78	20.80	20.82		
5	64QAM	1	24	20.57	20.45	20.43	20.74		
5	64QAM	12	0	19.78	19.78	19.65	19.96	21	3
5	64QAM	12	7	19.54	19.67	19.74	19.77		
5	64QAM	12	13	19.69	19.64	19.77	19.60		
5	64QAM	25	0	19.80	19.59	19.62	19.79		
5	256QAM	1	0	17.55	17.58	17.50	17.78	19	5
5	256QAM	1	12	17.46	17.61	17.45	17.57		
5	256QAM	1	24	17.50	17.57	17.40	17.79		
5	256QAM	12	0	17.81	17.82	17.71	17.76	19	5
5	256QAM	12	7	17.99	17.70	17.56	17.77		
5	256QAM	12	13	17.77	17.92	17.74	17.67		
5	256QAM	25	0	17.70	17.74	18.04	17.74		

Reduced Power Mode for DSI2 Simultaneous

<WCDMA>

		WCDMA II Ant 1				WCDMA IV Ant 1				WCDMA V Ant 1			
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	21.38	21.41	21.38	22.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMC 12.2Kbps	21.41	21.43	21.39	22.00	23.28	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	20.18	20.40	20.32	21.00	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	20.11	20.35	20.28	21.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	19.57	19.90	19.74	20.50	21.87	21.82	21.83	22.50	21.82	21.93	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	19.75	19.69	19.87	20.50	21.69	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.14	20.20	20.18	21.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.15	20.23	20.32	21.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.82	19.89	19.88	20.50	21.67	21.77	21.82	22.50	21.86	21.92	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.90	19.80	19.98	20.50	21.86	21.84	21.71	22.50	21.84	21.91	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	20.00	20.45	20.43	21.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	18.24	18.49	18.23	19.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	19.37	19.34	19.32	20.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	18.22	18.26	18.36	19.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	20.22	20.28	20.23	21.00	22.42	22.36	22.27	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.74	17.75	17.72	18.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.42	21.48	21.46	22.5	0
20	QPSK	1	49	21.32	21.43	21.29		
20	QPSK	1	99	21.38	21.27	21.33		
20	QPSK	50	0	21.41	21.45	21.38		
20	QPSK	50	24	21.32	21.25	21.31	22.5	0
20	QPSK	50	50	21.32	21.39	21.33		
20	QPSK	100	0	21.31	21.40	21.35		
20	16QAM	1	0	21.09	21.29	21.07		
20	16QAM	1	49	21.10	21.18	21.29	22.5	0
20	16QAM	1	99	21.11	21.26	21.18		
20	16QAM	50	0	21.24	21.24	21.29		
20	16QAM	50	24	21.17	21.24	21.17	22.5	0
20	16QAM	50	50	21.11	21.03	21.27		
20	16QAM	100	0	21.09	21.31	21.20		
20	64QAM	1	0	21.39	21.26	20.98		
20	64QAM	1	49	21.03	21.06	21.20	22.5	0
20	64QAM	1	99	21.25	21.23	21.28		
20	64QAM	50	0	20.42	20.46	20.42		
20	64QAM	50	24	20.39	20.62	20.57	21.5	1
20	64QAM	50	50	20.40	20.30	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.66		
20	256QAM	1	49	18.51	18.52	18.64	19.5	3
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34		
20	256QAM	50	24	18.30	18.55	18.44	19.5	3
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.37	21.42	21.32	22.5	0
15	QPSK	1	37	21.14	21.27	21.24		
15	QPSK	1	74	21.29	21.16	21.26		
15	QPSK	36	0	21.34	21.34	21.24	22.5	0
15	QPSK	36	20	21.14	21.06	21.20		
15	QPSK	36	39	21.21	21.20	21.21		
15	QPSK	75	0	21.12	21.35	21.18		
15	16QAM	1	0	21.00	21.19	21.03		
15	16QAM	1	37	21.00	21.08	21.22	22.5	0
15	16QAM	1	74	20.93	21.21	20.99		
15	16QAM	36	0	21.17	21.13	21.11		
15	16QAM	36	20	21.04	21.12	20.99	22.5	0
15	16QAM	36	39	21.04	20.87	21.08		
15	16QAM	75	0	21.01	21.16	21.14		
15	64QAM	1	0	21.30	21.07	20.84		
15	64QAM	1	37	20.86	20.94	21.11	22.5	0
15	64QAM	1	74	21.15	21.14	21.19		
15	64QAM	36	0	20.35	20.36	20.36		
15	64QAM	36	20	20.28	20.50	20.42	21.5	1
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58		
15	256QAM	1	37	18.46	18.45	18.54	19.5	3
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25		
15	256QAM	36	20	18.14	18.38	18.33	19.5	3
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.24	21.41	21.34	22.5	0
10	QPSK	1	25	21.16	21.35	21.15		
10	QPSK	1	49	21.27	21.13	21.28		
10	QPSK	25	0	21.34	21.32	21.29	22.5	0
10	QPSK	25	12	21.25	21.20	21.16		
10	QPSK	25	25	21.18	21.20	21.19		
10	QPSK	50	0	21.21	21.22	21.25		
10	16QAM	1	0	20.95	21.17	20.94		
10	16QAM	1	25	20.99	21.10	21.25	22.5	0
10	16QAM	1	49	21.04	21.10	21.13		
10	16QAM	25	0	21.07	21.20	21.16		
10	16QAM	25	12	21.06	21.08	21.11	22.5	0
10	16QAM	25	25	20.93	20.93	21.16		
10	16QAM	50	0	20.97	21.15	21.16		
10	64QAM	1	0	21.25	21.11	20.83		
10	64QAM	1	25	20.95	21.01	21.12	22.5	0
10	64QAM	1	49	21.18	21.09	21.13		
10	64QAM	25	0	20.34	20.34	20.27		
10	64QAM	25	12	20.28	20.47	20.45	21.5	1
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54		
10	256QAM	1	25	18.47	18.48	18.54	19.5	3
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16		
10	256QAM	25	12	18.26	18.49	18.39	19.5	3
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.26	21.41	21.33	22.5	0
5	QPSK	1	12	21.21	21.33	21.17		
5	QPSK	1	24	21.27	21.12	21.16		
5	QPSK	12	0	21.35	21.39	21.20	22.5	0
5	QPSK	12	7	21.27	21.18	21.16		
5	QPSK	12	13	21.21	21.34	21.18		
5	QPSK	25	0	21.19	21.26	21.30		
5	16QAM	1	0	20.96	21.11	21.02		
5	16QAM	1	12	20.92	21.06	21.22	22.5	0
5	16QAM	1	24	20.91	21.06	21.06		
5	16QAM	12	0	21.11	21.17	21.14		
5	16QAM	12	7	21.09	21.18	21.12	22.5	0
5	16QAM	12	13	21.02	20.88	21.14		
5	16QAM	25	0	20.90	21.21	21.12		
5	64QAM	1	0	21.35	21.07	20.91		
5	64QAM	1	12	20.96	20.95	21.11	22.5	0
5	64QAM	1	24	21.12	21.07	21.13		
5	64QAM	12	0	20.36	20.31	20.31		
5	64QAM	12	7	20.30	20.55	20.41	21.5	1
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50		
5	256QAM	1	12	18.33	18.33	18.54	19.5	3
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30		
5	256QAM	12	7	18.21	18.35	18.31	19.5	3
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.30	21.30	21.28	22.5	0
3	QPSK	1	8	21.23	21.36	21.19		
3	QPSK	1	14	21.28	21.23	21.25		
3	QPSK	8	0	21.33	21.41	21.22	22.5	0
3	QPSK	8	4	21.23	21.15	21.18		
3	QPSK	8	7	21.18	21.24	21.24		
3	QPSK	15	0	21.25	21.32	21.24		
3	16QAM	1	0	21.03	21.23	20.92		
3	16QAM	1	8	20.94	21.12	21.11	22.5	0
3	16QAM	1	14	21.01	21.11	21.07		
3	16QAM	8	0	21.05	21.18	21.23		
3	16QAM	8	4	21.02	21.10	21.06	22.5	0
3	16QAM	8	7	20.94	20.89	21.11		
3	16QAM	15	0	20.94	21.18	21.14		
3	64QAM	1	0	21.23	21.13	20.87		
3	64QAM	1	8	20.86	20.91	21.04	22.5	0
3	64QAM	1	14	21.09	21.18	21.09		
3	64QAM	8	0	20.32	20.30	20.28		
3	64QAM	8	4	20.27	20.53	20.42	21.5	1
3	64QAM	8	7	20.26	20.20	20.39		
3	64QAM	15	0	20.24	20.36	20.35		
3	256QAM	1	0	18.52	18.39	18.52		
3	256QAM	1	8	18.35	18.35	18.51	19.5	3
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18		
3	256QAM	8	4	18.17	18.48	18.35	19.5	3
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.30	21.41	21.39	22.5	0
1.4	QPSK	1	3	21.27	21.36	21.18		
1.4	QPSK	1	5	21.21	21.18	21.22		
1.4	QPSK	3	0	21.22	21.26	21.29		
1.4	QPSK	3	1	21.28	21.09	21.21		
1.4	QPSK	3	3	21.27	21.31	21.21		
1.4	QPSK	6	0	21.18	21.35	21.30	22.5	0
1.4	16QAM	1	0	21.00	21.25	20.88	22.5	0
1.4	16QAM	1	3	20.93	21.06	21.23		
1.4	16QAM	1	5	20.93	21.14	21.02		
1.4	16QAM	3	0	21.06	21.08	21.14		
1.4	16QAM	3	1	21.09	21.13	20.99		
1.4	16QAM	3	3	21.05	20.83	21.10		
1.4	16QAM	6	0	21.01	21.22	21.15	22.5	0
1.4	64QAM	1	0	21.31	21.08	20.86	22.5	0
1.4	64QAM	1	3	20.88	20.94	21.01		
1.4	64QAM	1	5	21.10	21.16	21.10		
1.4	64QAM	3	0	21.26	21.33	21.30		
1.4	64QAM	3	1	21.13	21.32	21.25		
1.4	64QAM	3	3	21.29	21.15	21.20		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	1
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	3
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.46	19.5	3

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.31	23.33	23.27	24.5	0
20	QPSK	1	49	23.29	23.25	23.23		
20	QPSK	1	99	23.20	23.23	23.30		
20	QPSK	50	0	22.45	22.46	22.38		
20	QPSK	50	24	22.40	22.35	22.40	23.5	1
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.75	22.70	22.80		
20	16QAM	1	49	22.70	22.74	22.58	23.5	1
20	16QAM	1	99	22.61	22.84	22.60		
20	16QAM	50	0	21.37	21.42	21.39		
20	16QAM	50	24	21.42	21.45	21.35	22.5	2
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68		
20	64QAM	1	49	21.43	21.40	21.56	22.5	2
20	64QAM	1	99	21.60	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64		
20	64QAM	50	24	20.42	20.55	20.60	21.5	3
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52		
20	256QAM	1	49	18.60	18.63	18.56	19.5	5
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59		
20	256QAM	50	24	18.55	18.49	18.43	19.5	5
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.23	23.24	23.21	24.5	0
15	QPSK	1	37	23.11	23.27	23.08		
15	QPSK	1	74	23.05	23.18	23.20		
15	QPSK	36	0	22.32	22.49	22.41		
15	QPSK	36	20	22.21	22.48	22.27	23.5	1
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.55	22.54	22.69		
15	16QAM	1	37	22.61	22.61	22.49	23.5	1
15	16QAM	1	74	22.54	22.73	22.48		
15	16QAM	36	0	21.30	21.35	21.21		
15	16QAM	36	20	21.29	21.40	21.16	22.5	2
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51		
15	64QAM	1	37	21.27	21.34	21.41	22.5	2
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44		
15	64QAM	36	20	20.24	20.46	20.43	21.5	3
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44		
15	256QAM	1	37	18.41	18.59	18.49	19.5	5
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44		
15	256QAM	36	20	18.45	18.40	18.34	19.5	5
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.32	23.24	25.14	24.5	0
10	QPSK	1	25	23.21	23.20	23.11		
10	QPSK	1	49	23.10	23.15	23.13		
10	QPSK	25	0	22.39	22.52	22.35		
10	QPSK	25	12	22.27	22.38	22.33	23.5	1
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61		
10	16QAM	1	25	22.64	22.69	22.44	23.5	1
10	16QAM	1	49	22.41	22.71	22.48		
10	16QAM	25	0	21.18	21.32	21.24		
10	16QAM	25	12	21.28	21.36	21.22	22.5	2
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60		
10	64QAM	1	25	21.37	21.25	21.45	22.5	2
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49		
10	64QAM	25	12	20.32	20.44	20.48	21.5	3
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38		
10	256QAM	1	25	18.45	18.49	18.41	19.5	5
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53		
10	256QAM	25	12	18.37	18.39	18.27	19.5	5
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.28	23.29	25.19	24.5	0
5	QPSK	1	12	23.10	23.29	23.19		
5	QPSK	1	24	23.02	23.19	23.16		
5	QPSK	12	0	22.25	22.49	22.34		
5	QPSK	12	7	22.24	22.41	22.29	23.5	1
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.64	22.74		
5	16QAM	1	12	22.59	22.59	22.59	23.5	1
5	16QAM	1	24	22.54	22.75	22.49		
5	16QAM	12	0	21.18	21.29	21.31		
5	16QAM	12	7	21.27	21.28	21.30	22.5	2
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58		
5	64QAM	1	12	21.29	21.29	21.42	22.5	2
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53		
5	64QAM	12	7	20.22	20.43	20.41	21.5	3
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43		
5	256QAM	1	12	18.43	18.53	18.46	19.5	5
5	256QAM	1	24	18.43	18.24	18.48		
5	256QAM	12	0	18.48	18.31	18.45		
5	256QAM	12	7	18.49	18.40	18.36	19.5	5
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.28	23.31	25.20	24.5	0
3	QPSK	1	8	23.18	23.21	23.15		
3	QPSK	1	14	23.12	23.28	23.24		
3	QPSK	8	0	22.27	22.48	22.31		
3	QPSK	8	4	22.26	22.37	22.34	23.5	1
3	QPSK	8	7	22.24	22.38	22.26		
3	QPSK	15	0	22.34	22.30	22.23		
3	16QAM	1	0	22.59	22.60	22.66		
3	16QAM	1	8	22.54	22.54	22.48	23.5	1
3	16QAM	1	14	22.56	22.66	22.44		
3	16QAM	8	0	21.26	21.31	21.26		
3	16QAM	8	4	21.35	21.33	21.22	22.5	2
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52		
3	64QAM	1	8	21.33	21.21	21.42	22.5	2
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55		
3	64QAM	8	4	20.27	20.38	20.42	21.5	3
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48		
3	256QAM	1	8	18.41	18.48	18.41	19.5	5
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53		
3	256QAM	8	4	18.38	18.29	18.24	19.5	5
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.22	23.28	25.18	24.5	0
1.4	QPSK	1	3	23.18	23.16	23.15		
1.4	QPSK	1	5	23.01	23.25	23.17		
1.4	QPSK	3	0	23.23	23.23	23.10		
1.4	QPSK	3	1	23.24	23.25	23.11		
1.4	QPSK	3	3	23.14	23.15	23.15		
1.4	QPSK	6	0	22.08	22.39	22.24	23.5	1
1.4	16QAM	1	0	22.22	22.32	22.28	23.5	1
1.4	16QAM	1	3	22.18	22.30	22.18		
1.4	16QAM	1	5	22.20	22.11	22.12		
1.4	16QAM	3	0	22.43	22.36	22.31		
1.4	16QAM	3	1	22.34	22.40	22.41		
1.4	16QAM	3	3	22.48	22.34	22.25		
1.4	16QAM	6	0	21.10	21.26	21.15	22.5	2
1.4	64QAM	1	0	21.27	21.20	21.03	22.5	2
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09		
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	3
1.4	256QAM	1	0	18.33	18.40	18.41	19.5	5
1.4	256QAM	1	3	18.56	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20450	Power Middle Ch. / 20525	Power High Ch. / 20600	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.97	24.03	24.01	25	0
10	QPSK	1	25	23.87	24.00	23.81		
10	QPSK	1	49	24.00	24.02	23.97		
10	QPSK	25	0	23.09	23.16	23.04	24	1
10	QPSK	25	12	23.08	23.05	22.81		
10	QPSK	25	25	22.82	23.06	22.88		
10	QPSK	50	0	23.03	23.06	22.91		
10	16QAM	1	0	23.10	23.36	23.21		
10	16QAM	1	25	23.49	23.50

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01		
10	QPSK	1	25	23.84	24.05	23.86	25	0
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14		
10	QPSK	25	12	22.97	23.01	23.02	24	1
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11		
10	16QAM	1	25	23.31	23.27	23.17	24	1
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05		
10	16QAM	25	12	22.20	21.98	21.87	23	2
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38		
10	64QAM	1	25	22.19	22.06	22.15	23	2
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08		
10	64QAM	25	12	21.05	20.88	21.11	22	3
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17		
10	256QAM	1	25	19.13	19.11	19.04	20	5
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12		
10	256QAM	25	12	18.97	19.01	18.96	20	5
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87		
5	QPSK	1	12	23.72	23.93	23.76	25	0
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96		
5	QPSK	12	7	22.77	22.91	22.95	24	1
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07		
5	16QAM	1	12	23.26	23.19	23.12	24	1
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92		
5	16QAM	12	7	22.03	21.91	21.70	23	2
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31		
5	64QAM	1	12	22.12	22.00	22.02	23	2
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94		
5	64QAM	12	7	21.00	20.77	21.06	22	3
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.94	19.02	19.05		
5	256QAM	1	12	18.94	18.93	19.00	20	5
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97		
5	256QAM	12	7	18.80	18.86	18.88	20	5
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85		
3	QPSK	1	8	23.65	23.94	23.79	25	0
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95		
3	QPSK	8	4	22.82	22.93	22.94	24	1
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02		
3	16QAM	1	8	23.23	23.22	23.04	24	1
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91		
3	16QAM	8	4	22.03	21.80	21.67	23	2
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.84		
3	64QAM	1	0	22.23	22.18	22.19		
3	64QAM	1	8	22.13	21.90	22.09	23	2
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89		
3	64QAM	8	4	20.88	20.83	21.07	22	3
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11		
3	256QAM	1	8	18.94	19.05	19.00	20	5
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04		
3	256QAM	8	4	18.85	18.96	18.81	20	5
3	256QAM	8	7	18.85	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94		
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67	25	0
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78		
1.4	16QAM	1	3	22.93	22.87	22.83		
1.4	16QAM	1	5	22.75	22.83	22.59	24	1
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.94	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59		
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79	23	2
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99		
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14	20	5
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11			
10	QPSK	1	25		24.02		25	0
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15			
10	QPSK	25	12		22.99		24	1
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15			
10	16QAM	1	25		23.21		24	1
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14			
10	16QAM	25	12		22.11		23	2
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24			
10	64QAM	1	25		22.19		23	2
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15			
10	64QAM	25	12		21.11		22	3
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03			
10	256QAM	1	25		18.86		20	5
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05			
10	256QAM	25	12		19.20		20	5
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.98	23.99	23.93		
5	QPSK	1	12	23.94	23.91	23.86	25	0
5	QPSK	1	24	23.87	23.87	23.65		
5	QPSK	12	0	23.01	23.05	23.00		
5	QPSK	12	7	22.88	22.82	22.83	24	1
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02		
5	16QAM	1	12	23.07	23.05	23.01	24	1
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09		
5	16QAM	12	7	21.91	21.94	21.93	23	2
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05		
5	64QAM	1	12	22.00	22.08	22.04	23	2
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05		
5	64QAM	12	7	20.92	20.98	21.01	22	3
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93		
5	256QAM	1	12	18.71	18.87	18.73	20	5
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87		
5	256QAM	12	7	19.08	19.12	19.00	20	5
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.19			
10	QPSK	1	25		24.10		25	0
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12			
10	QPSK	25	12		23.04		24	1
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23			
10	16QAM	1	25		23.16		24	1
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09			
10	16QAM	25	12		22.15		23	2
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13			
10	64QAM	1	25		22.14		23	2
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09			
10	64QAM	25	12		21.25		22	3
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25			
10	256QAM	1	25		19.18		20	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13			
10	256QAM	25	12		19.00		20	5
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97		
5	QPSK	1	12	24.05	23.92	23.91	25	0
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94		
5	QPSK	12	7	22.92	22.95	22.85	24	1
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11		
5	16QAM	1	12	22.97	23.10	23.04	24	1
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97		
5	16QAM	12	7	21.98	21.97	22.04	23	2
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09		
5	64QAM	1	12	22.00	22.05	22.01	23	2
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89		
5	64QAM	12	7	21.16	21.14	21.13	22	3
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.08		
5	256QAM	1	12	19.02	19.08	19.05	20	5
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94		
5	256QAM	12	7	18.92	18.86	18.89	20	5
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.49	21.53	21.44		
20	QPSK	1	49	21.13	21.30	21.33	22.5	0
20	QPSK	1	99	21.45	21.26	21.45		
20	QPSK	50	0	21.47	21.51	21.38		
20	QPSK	50	24	21.30	21.46	21.34	22.5	0
20	QPSK	50	50	21.34	21.20	21.13		
20	QPSK	100	0	21.20	21.33	21.31		
20	16QAM	1	0	21.39	21.08	21.12		
20	16QAM	1	49	21.37	21.33	21.29	22.5	0
20	16QAM	1	99	21.21	21.28	21.33		
20	16QAM	50	0	21.23	21.19	21.22		
20	16QAM	50	24	21.26	21.41	21.23	22.5	0
20	16QAM	50	50	21.35	21.24	21.27		
20	16QAM	100	0	21.21	21.20	21.11		
20	64QAM	1	0	21.33	21.05	21.36		
20	64QAM	1	49	21.30	21.37	21.43	22.5	0
20	64QAM	1	99	21.35	21.33	21.45		
20	64QAM	50	0	20.75	20.57	20.59		
20	64QAM	50	24	20.73	20.40	20.58	21.5	1
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.69	18.74		
20	256QAM	1	49	18.84	18.70	18.83	19.5	3
20	256QAM	1	99	18.62	18.57	18.83		
20	256QAM	50	0	18.60	18.52	18.45		
20	256QAM	50	24	18.54	18.66	18.51	19.5	3
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.31	21.40	21.26		
15	QPSK	1	37	21.00	21.19	21.24	22.5	0
15	QPSK	1	74	21.31	21.16	21.39		
15	QPSK	36	0	21.31	21.47	21.19		
15	QPSK	36	20	21.11	21.30	21.24	22.5	0
15	QPSK	36	39	21.30	21.04	21.03		
15	QPSK	75	0	21.02	21.28	21.12		
15	16QAM	1	0	21.27	20.96	21.06		
15	16QAM	1	37	21.27	21.15	21.15	22.5	0
15	16QAM	1	74	21.03	21.18	21.29		
15	16QAM	36	0	21.18	21.03	21.14		
15	16QAM	36	20	21.11	21.23	21.14	22.5	0
15	16QAM	36	39	21.16	21.16	21.16		
15	16QAM	75	0	21.14	21.01	20.96		
15	64QAM	1	0	21.16	20.93	21.20		
15	64QAM	1	37	21.14	21.18	21.24	22.5	0
15	64QAM	1	74	21.19	21.20	21.32		
15	64QAM	36	0	20.71	20.38	20.52		
15	64QAM	36	20	20.66	20.24	20.42	21.5	1
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.38	18.51	18.66		
15	256QAM	1	37	18.66	18.53	18.64	19.5	3
15	256QAM	1	74	18.51	18.43	18.59		
15	256QAM	36	0	18.51	18.39	18.32		
15	256QAM	36	20	18.35	18.59	18.35	19.5	3
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.43	21.44	21.30		
10	QPSK	1	25	21.07	21.13	21.23	22.5	0
10	QPSK	1	49	21.36	21.19	21.29		
10	QPSK	25	0	21.28	21.45	21.19		
10	QPSK	25	12	21.22	21.40	21.28	22.5	0
10	QPSK	25	25	21.17	21.10	21.07		
10	QPSK	50	0	21.13	21.21	21.22		
10	16QAM	1	0	21.25	20.91	21.04		
10	16QAM	1	25	21.23	21.17	21.22	22.5	0
10	16QAM	1	49	21.01	21.15	21.21		
10	16QAM	25	0	21.14	21.04	21.15		
10	16QAM	25	12	21.20	21.26	21.08	22.5	0
10	16QAM	25	25	21.31	21.09	21.07		
10	16QAM	50	0	21.03	21.13	21.00		
10	64QAM	1	0	21.26	20.89	21.17		
10	64QAM	1	25	21.18	21.23	21.33	22.5	0
10	64QAM	1	49	21.31	21.15	21.30		
10	64QAM	25	0	20.64	20.51	20.49		
10	64QAM	25	12	20.64	20.36	20.52	21.5	1
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.36	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60		
10	256QAM	1	25	18.77	18.65	18.74	19.5	3
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29		
10	256QAM	25	12	18.45	18.58	18.44	19.5	3
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.42	21.43	21.36		
5	QPSK	1	12	21.02	21.15	21.20	22.5	0
5	QPSK	1	24	21.35	21.21	21.26		
5	QPSK	12	0	21.37	21.42	21.33		
5	QPSK	12	7	21.23	21.34	21.20	22.5	0
5	QPSK	12	13	21.21	21.14	20.98		
5	QPSK	25	0	21.09	21.27	21.22		
5	16QAM	1	0	21.35	20.89	20.96		
5	16QAM	1	12	21.28	21.16	21.14	22.5	0
5	16QAM	1	24	21.17	21.14	21.27		
5	16QAM	12	0	21.09	21.08	21.16		
5	16QAM	12	7	21.19	21.27	21.18	22.5	0
5	16QAM	12	13	21.17	21.06	21.17		
5	16QAM	25	0	21.16	21.03	21.06		
5	64QAM	1	0	21.25	20.93	21.20		
5	64QAM	1	12	21.21	21.19	21.25	22.5	0
5	64QAM	1	24	21.20	21.20	21.36		
5	64QAM	12	0	20.62	20.39	20.42		
5	64QAM	12	7	20.65	20.21	20.44	21.5	1
5	64QAM	12	13	20.55	20.53	20.48		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66		
5	256QAM	1	12	18.69	18.50	18.66	19.5	3
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35		
5	256QAM	12	7	18.48	18.51	18.41	19.5	3
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.44	21.35	21.35		
3	QPSK	1	8	21.00	21.13	21.21	22.5	0
3	QPSK	1	14	21.27	21.19	21.39		
3	QPSK	8	0	21.34	21.31	21.20		
3	QPSK	8	4	21.24	21.34	21.19	22.5	0
3	QPSK	8	7	21.21	21.10	20.98		
3	QPSK	15	0	21.00	21.26	21.24		
3	16QAM	1	0	21.33	20.93	21.05		
3	16QAM	1	8	21.21	21.19	21.14	22.5	0
3	16QAM	1	14	21.02	21.10	21.27		
3	16QAM	8	0	21.15	21.04	21.03		
3	16QAM	8	4	21.06	21.25	21.18	22.5	0
3	16QAM	8	7	21.22	21.12	21.21		
3	16QAM	15	0	21.10	21.14	20.96		
3	64QAM	1	0	21.18	20.94	21.25		
3	64QAM	1	8	21.18	21.20	21.28	22.5	0
3	64QAM	1	14	21.22	21.23	21.41		
3	64QAM	8	0	20.58	20.47	20.52		
3	64QAM	8	4	20.58	20.30	20.43	21.5	1
3	64QAM	8	7	20.69	20.53	20.44		
3	64QAM	15	0	20.39	20.51	20.53		
3	256QAM	1	0	18.46	18.56	18.58		
3	256QAM	1	8	18.77	18.59	18.73	19.5	3
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29		
3	256QAM	8	4	18.46	18.50	18.45	19.5	3
3

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 26706	Power Middle Ch. / 26865	Power High Ch. / 26965	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82		
15	QPSK	1	37	23.75	23.91	23.67	25	0
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78		
15	QPSK	36	20	22.74	22.95	22.95	24	1
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.78	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06		
15	16QAM	1	37	23.03	22.87	22.92	24	1
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.93	21.89	21.73		
15	16QAM	36	20	21.83	21.88	21.72	23	2
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24		
15	64QAM	1	37	22.11	22.19	22.20	23	2
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87		
15	64QAM	36	20	21.07	21.01	21.04	22	3
15	64QAM	36	39	21.00	20.79	20.90		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12		
15	256QAM	1	37	18.98	19.16	19.18	20	5
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.63	18.65		
15	256QAM	36	20	18.46	18.79	18.59	20	5
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.65		
10	QPSK	1	25	23.57	23.87	23.48	25	0
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.58		
10	QPSK	25	12	22.64	22.84	22.85	24	1
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99		
10	16QAM	1	25	22.90	22.79	22.83	24	1
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.63		
10	16QAM	25	12	21.75	21.84	21.54	23	2
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.65	21.85		
10	64QAM	1	0	22.18	22.07	22.07		
10	64QAM	1	25	21.97	22.10	22.12	23	2
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71		
10	64QAM	25	12	20.98	20.96	20.96	22	3
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94		
10	256QAM	1	25	18.85	19.04	19.05	20	5
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57		
10	256QAM	25	12	18.35	18.68	18.30	20	5
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64		
5	QPSK	1	12	23.58	23.85	23.51	25	0
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68		
5	QPSK	12	7	22.56	22.87	22.81	24	1
5	QPSK	12	13	22.78	22.88	22.69		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00		
5	16QAM	1	12	22.91	22.78	22.84	24	1
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.67		
5	16QAM	12	7	21.74	21.79	21.55	23	2
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12		
5	64QAM	1	12	22.04	22.06	22.09	23	2
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67		
5	64QAM	12	7	21.01	20.90	20.98	22	3
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06		
5	256QAM	1	12	18.79	19.05	19.11	20	5
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61		
5	256QAM	12	7	18.34	18.71	18.41	20	5
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69		
3	QPSK	1	8	23.66	23.80	23.55	25	0
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.61		
3	QPSK	8	4	22.69	22.81	22.77	24	1
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97		
3	16QAM	1	8	22.93	22.71	22.91	24	1
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.65		
3	16QAM	8	4	21.74	21.74	21.64	23	2
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.62	21.65	21.92		
3	64QAM	1	0	22.19	22.13	22.19		
3	64QAM	1	8	22.04	22.10	22.15	23	2
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72		
3	64QAM	8	4	20.93	20.86	20.89	22	3
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96		
3	256QAM	1	8	18.87	19.04	19.00	20	5
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60		
3	256QAM	8	4	18.40	18.65	18.31	20	5
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.74	23.85	23.63		
1.4	QPSK	1	3	23.64	23.87	23.55		
1.4	QPSK	1	5	23.64	23.86	23.79	25	0
1.4	QPSK	3	0	23.69	23.79	23.73		
1.4	QPSK	3	1	23.56	23.80	23.59		
1.4	QPSK	3	3	23.56	23.84	23.76		
1.4	QPSK	6	0	22.52	22.89	22.45	24	1
1.4	16QAM	1	0	22.60	22.75	22.69		
1.4	16QAM	1	3	22.58	22.68	22.69		
1.4	16QAM	1	5	22.40	22.86	22.75	24	1
1.4	16QAM	3	0	22.53	22.75	22.87		
1.4	16QAM	3	1	22.85	22.60	22.76		
1.4	16QAM	3	3	22.97	22.84	22.70		
1.4	16QAM	6	0	21.68	21.68	21.56	23	2
1.4	64QAM	1	0	21.69	21.70	21.48		
1.4	64QAM	1	3	21.43	21.59	21.89		
1.4	64QAM	1	5	21.55	21.58	21.73	23	2
1.4	64QAM	3	0	22.07	21.93	22.09		
1.4	64QAM	3	1	21.90	21.94	22.07		
1.4	64QAM	3	3	21.97	21.90	21.95		
1.4	64QAM	6	0	20.66	20.60	20.53	22	3
1.4	256QAM	1	0	18.92	18.91	19.07		
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11	20	5
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	5

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 132072	Power Middle Ch. / 132322	Power High Ch. / 132572	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.30	23.35	23.21		
20	QPSK	1	49	23.02	23.19	23.03	24.5	0
20	QPSK	1	99	23.26	23.29	23.22		
20	QPSK	50	0	22.34	22.38	22.11		
20	QPSK	50	24	22.19	22.37	22.19		
20	QPSK	50	50	22.18	22.30	22.10	23.5	1
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25		
20	16QAM	1	49	22.51	22.60	22.54	23.5	1
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15		
20	16QAM	50	24	21.33	21.30	21.18	22.5	2
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.36	21.31	21.46		
20	64QAM	1	49	21.35	21.43	21.14	22.5	2
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20		
20	64QAM	50	24	20.45	20.44	20.39	21.5	3
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50		
20	256QAM	1	49	18.49	18.67	18.55	19.5	5
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.26	18.41	18.31		
20	256QAM	50	24	18.41	18.32	18.38	19.5	5
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.20	23.19	23.13		
15	QPSK	1	37	22.97	23.05	22.88	24.5	0
15	QPSK	1	74	23.16	23.21	23.08		
15	QPSK	36	0	22.23	22.29	22.00		
15	QPSK	36	20	22.08	22.28	22.12	23.5	1
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21		
15	16QAM	1	37	22.32	22.49	22.49	23.5	1
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09		
15	16QAM	36	20	21.16	21.24	21.05	22.5	2
15	16QAM	36	39	21.05	21.16	21.31		
15	16QAM	75	0	21.12	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28		
15	64QAM	1	37	21.18	21.32	21.09	22.5	2
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07		
15	64QAM	36	20	20.26	20.22	20.23	21.5	3
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39		
15	256QAM	1	37	18.43	18.59	18.44	19.5	5
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16		
15	256QAM	36	20	18.34	18.27	18.23	19.5	5
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.31	23.06		
10	QPSK	1	25	22.91	23.00	22.98	24.5	0
10	QPSK	1	49	23.11	23.17	23.09		
10	QPSK	25	0	22.22	22.25	22.02		
10	QPSK	25	12	22.11	22.29	22.09	23.5	1
10	QPSK	25	25	22.09	22.21	22.01		
10	QPSK	50	0	22.27	22.20	22.16		
10	16QAM	1	0	22.47	22.37	22.07		
10	16QAM	1	25	22.44	22.49	22.35	23.5	1
10	16QAM	1	49	22.36	22.23	22.49		
10	16QAM	25	0	21.20	21.20	21.10		
10	16QAM	25	12	21.27	21.19	21.11	22.5	2
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41		
10	64QAM	1	25	21.30	21.29	21.03	22.5	2
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13		
10	64QAM	25	12	20.39	20.35	20.33	21.5	3
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43		
10	256QAM	1	25	18.30	18.55	18.49	19.5	5
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25		
10	256QAM	25	12	18.22	18.23	18.26	19.5	5
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.21	23.23	23.07		
5	QPSK	1	12	22.85	23.14	22.93	24.5	0
5	QPSK	1	24	23.08	23.17	23.05		
5	QPSK	12	0	22.27	22.33	21.93		
5	QPSK	12	7	22.02	22.29	22.09	23.5	1
5	QPSK	12	13	22.06	22.21	21.93		
5	QPSK	25	0	22.34	22.17	22.18		
5	16QAM	1	0	22.47	22.25	22.19		
5	16QAM	1	12	22.35	22.47	22.44	23.5	1
5	16QAM	1	24	22.41	22.21	22.59		
5	16QAM	12	0	21.26	21.13	21.06		
5	16QAM	12	7	21.24	21.18	21.09	22.5	2
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37		
5	64QAM	1	12	21.19	21.36	20.97	22.5	2
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13		
5	64QAM	12	7	20.39	20.30	20.24	21.5	3
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44		
5	256QAM	1	12	18.42	18.63	18.49	19.5	5
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24		
5	256QAM	12	7	18.38	18.16	18.30	19.5	5
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.12	23.30	23.03		
3	QPSK	1	8	22.93	23.03	22.85	24.5	0
3	QPSK	1	14	23.14	23.23	23.08		
3	QPSK	8	0	22.29	22.22	22.05		
3	QPSK	8	4	22.02	22.19	21.99	23.5	1
3	QPSK	8	7	22.08	22.24	22.02		
3	QPSK	15	0	22.32	22.16	22.20		
3	16QAM	1	0	22.39	22.32	22.17		
3	16QAM	1	8	22.36	22.44	22.37	23.5	1
3	16QAM	1	14	22.30	22.22	22.55		
3	16QAM	8	0	21.34	21.29	21.09		
3	16QAM	8	4	21.15	21.19	21.12	22.5	2
3	16QAM	8	7	21.09	21.28	21.25		
3	16QAM	15	0	21.07	21.03	21.15		
3	64QAM	1	0	21.23	21.20	21.37		
3	64QAM	1	8	21.19	21.36	21.10	22.5	2
3	64QAM	1	14	21.21	21.36	21.05		
3	64QAM	8	0	20.24	20.26	20.13		
3	64QAM	8	4	20.31	20.40	20.28	21.5	3
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.36		
3	256QAM	1	8	18.38	18.50	18.41	19.5	5
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19		
3	256QAM	8	4	18.37	18.13	18.30	19.5	5
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.22	23.16	23.02		
1.4	QPSK	1	3	22.83	23.09	22.84		
1.4	QPSK	1	5	23.18	23.10	23.15	24.5	0
1.4	QPSK	3	0	23.16	23.29	23.16		
1.4	QPSK	3	1	22.84	23.13	22.92		
1.4	QPSK	3	3	23.16	23.20	23.10		
1.4	QPSK	6	0	22.19	22.12	21.96	23.5	1
1.4	16QAM	1	0	21.92	22.14	21.79		
1.4	16QAM	1	3	21.93	22.04	21.89		
1.4	16QAM	1	5	22.25	22.10	22.09	23.5	1
1.4	16QAM	3	0	22.22	22.19	22.07		
1.4	16QAM	3	1	22.21	22.26	22.18		
1.4	16QAM	3	3	22.17	22.12	22.45		
1.4	16QAM	6	0	21.26	21.17	20.99	22.5	2
1.4	64QAM	1	0	21.06	21.11	21.00		
1.4	64QAM	1	3	21.00	21.23	21.21		
1.4	64QAM	1	5	20.98	20.88	21.02	22.5	2
1.4	64QAM	3	0	21.09	21.05	21.23		
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	3
1.4	256QAM	1	0	18.35	18.36	18.31		
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39	19.5	5
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	5

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 133222	Power Middle Ch. / 133297	Power High Ch. / 133372	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65		
20	QPSK	1	49	23.70	23.65	23.62	25	0
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70		
20	QPSK	50	24	22.66	22.79	22.60	24	1
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10		
20	16QAM	1	49	23.17	23.06	23.13	24	1
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67		
20	16QAM	50	24	21.72	21.70	21.91	23	2
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.28	22.11	22.25		
20	64QAM	1	49	22.02	21.98	21.96	23	2
20	64QAM	1	99	21.99	22.10	22.18		
20	64QAM	50	0	20.93	20.76	20.78		
20	64QAM	50	24	20.80	20.85	20.71	22	3
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90		
20	256QAM	1	49	18.87	18.88	19.00	20	5
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74		
20	256QAM	50	24	18.80	18.89	18.98	20	5
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.63	23.48		
15	QPSK	1	37	23.66	23.59	23.44	25	0
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.65	22.57		
15	QPSK	36	20	22.49	22.65	22.42	24	1
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.65	22.51		
15	16QAM	1	0	22.66	22.99	22.94		
15	16QAM	1	37	23.08	22.99	23.02	24	1
15	16QAM	1	74	22.87	22.88	23.03		
15	16QAM	36	0	21.73	21.69	21.48		
15	16QAM	36	20	21.64	21.55	21.86	23	2
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LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.99	23.15	23.12	24	0
20	QPSK	1	49	22.97	23.09	22.88		
20	QPSK	1	99	22.97	23.06	22.89		
20	QPSK	50	0	22.25	22.29	22.09	23	1
20	QPSK	50	24	21.97	22.22	22.08		
20	QPSK	50	50	22.18	22.24	22.13		
20	QPSK	100	0	22.10	22.27	21.98		
20	16QAM	1	0	21.98	22.04	22.12	23	1
20	16QAM	1	49	22.07	21.97	21.89		
20	16QAM	1	99	22.09	22.02	22.00		
20	16QAM	50	0	21.36	21.26	21.33	22	2
20	16QAM	50	24	21.14	21.16	21.35		
20	16QAM	50	50	21.40	21.19	21.26		
20	16QAM	100	0	21.11	21.28	21.31		
20	64QAM	1	0	21.24	21.21	21.37	22	2
20	64QAM	1	49	21.36	21.08	21.22		
20	64QAM	1	99	21.37	21.03	21.06		
20	64QAM	50	0	20.16	20.26	20.40	21	3
20	64QAM	50	24	20.17	20.23	20.30		
20	64QAM	50	50	20.32	20.19	20.40		
20	64QAM	100	0	20.12	20.31	20.28		
20	256QAM	1	0	18.22	18.13	18.08	19	5
20	256QAM	1	49	18.10	17.96	18.28		
20	256QAM	1	99	18.11	18.20	18.22		
20	256QAM	50	0	18.05	18.19	18.32	19	5
20	256QAM	50	24	18.21	18.20	18.22		
20	256QAM	50	50	18.04	18.15	18.05		
20	256QAM	100	0	18.20	18.19	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.85	22.95	22.97	24	0
15	QPSK	1	37	22.92	22.90	22.82		
15	QPSK	1	74	22.89	22.92	22.70		
15	QPSK	36	0	22.20	22.17	21.93	23	1
15	QPSK	36	20	21.79	22.15	21.99		
15	QPSK	36	39	22.00	22.16	22.04		
15	QPSK	75	0	21.96	22.11	21.83		
15	16QAM	1	0	21.81	21.87	22.01	23	1
15	16QAM	1	37	21.91	21.92	21.76		
15	16QAM	1	74	21.97	21.89	21.82		
15	16QAM	36	0	21.31	21.12	21.19	22	2
15	16QAM	36	20	20.96	21.10	21.28		
15	16QAM	36	39	21.36	21.01	21.18		
15	16QAM	75	0	20.95	21.13	21.22		
15	64QAM	1	0	21.11	21.05	21.24	22	2
15	64QAM	1	37	21.28	20.96	21.05		
15	64QAM	1	74	21.23	20.94	20.87		
15	64QAM	36	0	20.02	20.19	20.23	21	3
15	64QAM	36	20	20.09	20.18	20.24		
15	64QAM	36	39	20.25	20.13	20.31		
15	64QAM	75	0	19.97	20.20	20.10		
15	256QAM	1	0	18.09	18.06	17.96	19	5
15	256QAM	1	37	18.04	17.77	18.17		
15	256QAM	1	74	17.92	18.11	18.18		
15	256QAM	36	0	17.94	18.11	18.22	19	5
15	256QAM	36	20	18.13	18.04	18.13		
15	256QAM	36	39	17.91	18.05	17.93		
15	256QAM	75	0	18.07	18.12	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	23.10	23.03	24	0
10	QPSK	1	25	22.85	23.00	22.70		
10	QPSK	1	49	22.81	22.99	22.74		
10	QPSK	25	0	22.14	22.14	21.97	23	1
10	QPSK	25	12	21.92	22.03	21.92		
10	QPSK	25	25	22.08	22.14	22.02		
10	QPSK	50	0	21.96	22.22	21.84		
10	16QAM	1	0	21.86	21.96	21.94	23	1
10	16QAM	1	25	22.00	21.88	21.70		
10	16QAM	1	49	21.89	21.94	21.86		
10	16QAM	25	0	21.25	21.19	21.24	22	2
10	16QAM	25	12	21.08	20.97	21.21		
10	16QAM	25	25	21.35	21.07	21.14		
10	16QAM	50	0	21.05	21.20	21.26		
10	64QAM	1	0	21.04	21.06	21.31	22	2
10	64QAM	1	25	21.29	20.90	21.10		
10	64QAM	1	49	21.19	20.90	20.91		
10	64QAM	25	0	20.06	20.18	20.23	21	3
10	64QAM	25	12	20.05	20.18	20.11		
10	64QAM	25	25	20.15	20.11	20.20		
10	64QAM	50	0	19.92	20.12	20.19		
10	256QAM	1	0	18.14	18.02	17.92	19	5
10	256QAM	1	25	18.06	17.83	18.14		
10	256QAM	1	49	18.02	18.08	18.06		
10	256QAM	25	0	17.85	18.10	18.13	19	5
10	256QAM	25	12	18.17	18.14	18.11		
10	256QAM	25	25	18.00	18.02	17.90		
10	256QAM	50	0	18.13	18.05	18.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.85	23.09	23.05	24	0
5	QPSK	1	12	22.90	23.01	22.75		
5	QPSK	1	24	22.90	22.87	22.80		
5	QPSK	12	0	22.11	22.23	22.02	23	1
5	QPSK	12	7	21.89	22.09	21.90		
5	QPSK	12	13	22.08	22.12	21.94		
5	QPSK	25	0	21.90	22.11	21.86		
5	16QAM	1	0	21.90	21.89	21.94	23	1
5	16QAM	1	12	21.94	21.83	21.71		
5	16QAM	1	24	21.93	21.86	21.80		
5	16QAM	12	0	21.19	21.09	21.22	22	2
5	16QAM	12	7	21.09	21.04	21.15		
5	16QAM	12	13	21.32	21.07	21.22		
5	16QAM	25	0	21.01	21.20	21.24		
5	64QAM	1	0	21.07	21.05	21.25	22	2
5	64QAM	1	12	21.22	20.88	21.17		
5	64QAM	1	24	21.27	20.93	20.91		
5	64QAM	12	0	20.01	20.16	20.31	21	3
5	64QAM	12	7	20.13	20.17	20.12		
5	64QAM	12	13	20.13	19.99	20.36		
5	64QAM	25	0	20.07	20.14	20.12		
5	256QAM	1	0	18.15	17.95	18.01	19	5
5	256QAM	1	12	17.92	17.81	18.22		
5	256QAM	1	24	18.02	18.04	18.05		
5	256QAM	12	0	17.89	18.05	18.26	19	5
5	256QAM	12	7	18.11	18.14	18.12		
5	256QAM	12	13	17.99	18.05	17.88		
5	256QAM	25	0	18.08	18.10	18.12		

LTE Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	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	22.96	23.02	23.14	23.05	23.06	24	0
20	QPSK	1	49	22.85	22.93	23.03	22.93	22.83		
20	QPSK	1	99	22.95	22.84	23.09	22.91	23.12		
20	QPSK	50	0	22.19	22.23	22.26	22.20	22.13	23	1
20	QPSK	50	24	22.23	22.25	22.18	22.22	22.04		
20	QPSK	50	50	22.03	22.18	22.15	21.99	22.14		
20	QPSK	100	0	22.16	22.08	22.24	22.19	22.19		
20	16QAM	1	0	22.02	22.07	22.12	22.19	21.88	23	1
20	16QAM	1	49	21.95	22.21	22.29	21.98	22.14		
20	16QAM	1	99	22.01	22.28	22.00	22.13	22.28		
20	16QAM	50	0	21.03	21.19	21.18	21.10	21.17	22	2
20	16QAM	50	24	21.35	21.06	21.13	21.20	21.31		
20	16QAM	50	50	21.30	21.24	21.28	21.35	21.31		
20	16QAM	100	0	21.20	21.30	21.30	21.16	21.09		
20	64QAM	1	0	21.15	21.27	21.15	21.09	21.11	22	2
20	64QAM	1	49	20.98	20.97	21.09	21.16	21.17		
20	64QAM	1	99	21.00	21.06	21.29	21.14	21.27		
20	64QAM	50	0	20.08	20.07	20.19	20.30	20.35	21	3
20	64QAM	50	24	20.22	20.31	20.28	20.10	20.33		
20	64QAM	50	50	20.25	20.10	20.34	20.21	20.26		
20	64QAM	100	0	20.08	20.33	20.20	20.25	20.07		
20	256QAM	1	0	18.16	18.33	18.21	18.08	18.12	19	5
20	256QAM	1	49	18.28	18.16	18.29	18.30	18.24		
20	256QAM	1	99	18.24	18.08	18.19	18.12	18.29		
20	256QAM	50	0	17.99	18.01	18.14	18.13	18.10	19	5
20	256QAM	50	24	18.14	17.97	18.00	18.08	18.11		
20	256QAM	50	50	18.12	18.13	18.00	17.98	18.16		
20	256QAM	100	0	18.30	18.22	18.20	18.31	18.17		
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	22.84	22.88	23.02	22.89	22.88	24.00	0
15	QPSK	1	37	22.74	22.79	22.97	22.74	22.68		
15	QPSK	1	74	22.77	22.67	22.94	22.73	23.05		
15	QPSK	36	0	21.99	22.19	22.13	22.01	22.04	23	1
15	QPSK	36	20	22.16	22.14	22.01	22.13	21.96		
15	QPSK	36	39	21.93	22.10	22.03	21.91	22.08		
15	QPSK	75	0	21.99	21.99	22.15	22.10	22.05		
15	16QAM	1	0	21.86	21.95	21.95	22.07	21.84	23	1
15	16QAM	1	37	21.89	22.05	22.16	21.88	22.05		
15	16QAM	1	74	21.88	22.17	21.87	22.06	22.17		
15	16QAM	36	0	20.84	21.05	21.11	21.01	21.07	22	2
15	16QAM	36	20	21.16	20.86	20.96	21.09	21.25		
15	16QAM	36	39	21.24	21.08	21.11	21.18	21.21		
15	16QAM	75	0	21.16	21.20	21.22	20.99	20.90		
15	64QAM	1	0	21.08	21.15	21.03	20.93	20.97	22	2
15	64QAM	1	37	20.85	20.81	20.92	21.02	21.01		
15	64QAM	1	74	20.96	20.88	21.18	21.03	21.11		
15	64QAM	36	0	19.92	19.92	20.07	20.10	20.19	21	3
15	64QAM	36	20	20.15	20.25	20.14	19.99	20.29		
15	64QAM	36	39	20.13	19.93	20.23	20.02	20.19		
15	64QAM	75	0	19.91	20.13	20.07	20.08	19.97		
15	256QAM	1	0	18.09	18.16	18.03	17.92	18.07	19	5
15	256QAM	1	37	18.20	18.10	18.17	18.12	18.19		
15	256QAM	1	74	18.11	17.94	18.00	17.93	18.14		
15	256QAM	36	0	17.84	17.95	17.95	18.01	18.00	19	5
15	256QAM	36	20	18.02	17.90	17.89	18.02	18.01		
15	256QAM	36	39	17.98	18.07	17.93	17.89	18.11		
15	256QAM	75	0	18.16	18.09	18.06	18.13	18.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.84	22.97	23.08	22.87	22.92	24.00	0
10	QPSK	1	25	22.78	22.73	22.99	22.87	22.68		
10	QPSK	1	49	22.82	22.66	23.01	22.87	23.08		
10	QPSK	25	0	22.13	22.07	22.10	22.04	22.08	23	1
10	QPSK	25	12	22.06	22.20	22.10	22.13	21.84		
10	QPSK	25	25	21.87	22.12	21.99	21.90	22.06		
10	QPSK	50	0	22.11	21.92	22.09	22.03	22.05		
10	16QAM	1	0	21.83	21.91	22.01	22.14	21.78	23	1
10	16QAM	1	25	21.89	22.15	22.21	21.86	21.94		
10	16QAM	1	49	21.86	22.10	21.96	21.95	22.18		
10	16QAM	25	0	20.91	21.07	21.09	20.93	21.05	22	2
10	16QAM	25	12	21.30	20.95	20.97	21.00	21.14		
10	16QAM	25	25	21.17	21.17	21.19	21.17	21.18		
10	16QAM	50	0	21.03	21.11	21.20	21.00	21.04		
10	64QAM	1	0	21.03	21.19	21.10	20.95	21.04	22	2
10	64QAM	1	25	20.81	20.85	20.94	21.01	21.01		
10	64QAM	1	49	20.89	20.93	21.11	21.05	21.08		
10	64QAM	25	0	19.90	19.95	20.05	20.16	20.16	21	3
10	64QAM	25	12	20.08	20.11	20.08	20.01	20.26		
10	64QAM	25	25	20.19	20.06	20.22	20.12	20.17		
10	64QAM	50	0	19.98	20.21	20.06	20.05	19.93		
10	256QAM	1	0	18.09	18.28	18.06	17.91	18.00	19	5
10	256QAM	1	25	18.13	18.01	18.13	18.15	18.11		
10	256QAM	1	49	18.16	17.98	17.99	18.08	18.18		
10	256QAM	25	0	17.86	17.95	17.97	17.99	17.92	19	5
10	256QAM	25	12	18.08	17.89	17.93	17.90	18.07		
10	256QAM	25	25	17.93	18.08	17.91	17.83	17.98		
10	256QAM	50	0	18.19	18.05	18.08	18.17	18.10		
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	22.80	22.97	23.06	22.96	22.89	24.00	0
5	QPSK	1	12	22.72	22.79	22.91	22.81	22.67		
5	QPSK	1	24	22.90	22.67	22.97	22.85	22.92		
5	QPSK	12	0	22.06	22.10	22.19	22.14	21.97	23	1
5	QPSK	12	7	22.13	22.17	22.08	22.09	21.95		
5	QPSK	12	13	21.88	22.07	22.11	21.95	21.97		
5	QPSK	25	0	22.06	21.90	22.05	21.99	22.11		
5	16QAM	1	0	21.88	22.02	22.04	22.05	21.75	23	1
5	16QAM	1	12	21.75	22.12	22.25	21.78	22.07		
5	16QAM	1	24	21.88	22.21	21.82	22.06	22.17		
5	16QAM	12	0	20.89	21.11	21.09	20.93	21.01	22	2
5	16QAM	12	7	21.18	20.88	21.04	21.12	21.27		
5	16QAM	12	13	21.19	21.12	21.09	21.29	21.23		
5	16QAM	25	0	21.08	21.19	21.10	21.08	21.02		
5	64QAM	1	0	21.10	21.10	20.97	20.95	20.98	22	2
5	64QAM	1	12	20.89	20.89	20.93	21.04	21.09		
5	64QAM	1	24	20.93	20.95	21.12	21.08	21.23		
5	64QAM	12	0	19.95	19.90	20.13	20.25	20.28	21	3
5	64QAM	12	7	20.14	20.13	20.11	20.04	20.22		
5	64QAM	12	13	20.10	19.98	20.15	20.14	20.10		
5	64QAM	25	0	20.00	20.17	20.14	20.16	20.00		
5	256QAM	1	0	18.00	18.27	18.11	17.93	17.98	19	5
5	256QAM	1	12	18.13	17.98	18.22	18.22	18.11		
5	256QAM	1	24	18.18	17.91	18.06	17.98	18.20		
5	256QAM	12	0	17.83	17.87	18.09	18.00	17.94	19	5
5	256QAM	12	7	18.08	17.79	17.90	17.98	18.00		
5	256QAM	12	13	17.94	17.93	17.87	17.85	18.01		
5	256QAM	25	0	18.25	18.14	18.10	18.27	18.05		

LTE Band 41_HPUE Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.95	25.98	26.15	26.10	26.01	27	0
20	QPSK	1	49	25.96	25.87	26.04	25.87	25.96		
20	QPSK	1	99	26.08	25.92	26.12	25.92	25.87		
20	QPSK	50	0	25.12	25.17	25.21	25.02	25.08	26	1
20	QPSK	50	24	25.17	24.89	25.14	25.17	24.93		
20	QPSK	50	50	25.12	24.84	25.10	24.86	25.11		
20	QPSK	100	0	25.10	25.05	25.18	24.87	25.17		
20	16QAM	1	0	25.20	25.19	25.28	25.31	25.30	26	1
20	16QAM	1	49	25.35	25.18	25.24	25.37	25.23		
20	16QAM	1	99	25.40	25.37	25.13	25.32	25.13		
20	16QAM	50	0	24.00	24.07	24.07	24.24	24.14	25	2
20	16QAM	50	24	24.20	24.11	24.01	24.21	24.00		
20	16QAM	50	50	23.96	23.90	24.21	24.01	24.21		
20	16QAM	100	0	24.13	24.03	24.12	24.19	23.97		
20	64QAM	1	0	24.43	24.43	24.52	24.46	24.56	25	2
20	64QAM	1	49	24.39	24.61	24.41	24.57	24.61		
20	64QAM	1	99	24.37	24.52	24.50	24.46	24.59		
20	64QAM	50	0	23.16	22.91	23.09	23.07	23.23	24	3
20	64QAM	50	24	23.03	23.14	23.15	23.16	23.25		
20	64QAM	50	50	23.13	23.19	23.11	23.21	22.93		
20	64QAM	100	0	22.94	23.26	22.99	23.24	23.08		
20	256QAM	1	0	21.03	21.08	21.07	21.17	21.15	22	5
20	256QAM	1	49	21.11	21.22	21.17	20.96	21.11		
20	256QAM	1	99	20.92	21.23	21.23	21.06	20.93		
20	256QAM	50	0	20.96	21.12	21.08	21.02	20.96	22	5
20	256QAM	50	24	20.91	21.01	21.01	21.15	20.95		
20	256QAM	50	50	21.02	20.90	20.97	21.08	21.13		
20	256QAM	100	0	21.23	21.25	21.11	21.24	21.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.87	25.80	26.09	25.95	25.84	27.00	0
15	QPSK	1	37	25.87	25.80	25.91	25.71	25.78		
15	QPSK	1	74	25.90	25.77	26.01	25.86	25.79		
15	QPSK	36	0	24.93	24.99	25.14	24.94	24.99	26	1
15	QPSK	36	20	25.03	24.78	24.95	25.01	24.76		
15	QPSK	36	39	24.99	24.71	25.01	24.80	25.04		
15	QPSK	75	0	24.94	24.94	25.13	24.76	25.13		
15	16QAM	1	0	25.12	25.04	25.08	25.25	25.20	26	1
15	16QAM	1	37	25.25	25.02	25.20	25.33	25.08		
15	16QAM	1	74	25.22	25.18	25.07	25.16	25.00		
15	16QAM	36	0	23.92	23.91	23.93	24.13	23.98	25	2
15	16QAM	36	20	24.06	23.96	23.91	24.14	23.91		
15	16QAM	36	39	23.77	23.81	24.13	23.87	24.09		
15	16QAM	75	0	24.03	23.85	23.94	24.10	23.82		
15	64QAM	1	0	24.24	24.24	24.39	24.37	24.41	25	2
15	64QAM	1	37	24.24	24.56	24.23	24.44	24.56		
15	64QAM	1	74	24.19	24.37	24.32	24.42	24.45		
15	64QAM	36	0	23.01	22.82	22.90	22.97	23.13	24	3
15	64QAM	36	20	22.91	22.97	23.01	23.11	23.11		
15	64QAM	36	39	22.99	23.10	23.05	23.02	22.87		
15	64QAM	75	0	22.85	23.21	22.94	23.19	23.02		
15	256QAM	1	0	20.83	20.97	20.88	20.98	21.02	22	5
15	256QAM	1	37	20.93	21.16	21.04	20.86	21.01		
15	256QAM	1	74	20.78	21.11	21.14	20.93	20.76		
15	256QAM	36	0	20.85	20.97	21.00	20.93	20.88	22	5
15	256QAM	36	20	20.76	20.84	20.90	21.01	20.84		
15	256QAM	36	39	20.96	20.75	20.80	20.93	21.06		
15	256QAM	75	0	21.12	21.19	20.97	21.18	21.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.86	26.06	25.92	25.84	27.00	0
10	QPSK	1	25	25.78	25.80	25.93	25.67	25.78		
10	QPSK	1	49	25.95	25.74	25.95	25.79	25.76		
10	QPSK	25	0	24.98	25.01	25.16	24.95	24.99	26	1
10	QPSK	25	12	25.08	24.70	25.10	25.10	24.84		
10	QPSK	25	25	24.98	24.76	24.93	24.78	24.98		
10	QPSK	50	0	24.92	24.88	25.09	24.76	25.12		
10	16QAM	1	0	25.09	25.02	25.21	25.15	25.14	26	1
10	16QAM	1	25	25.18	25.06	25.15	25.29	25.09		
10	16QAM	1	49	25.33	25.19	24.98	25.16	25.02		
10	16QAM	25	0	23.87	24.03	23.98	24.14	24.08	25	2
10	16QAM	25	12	24.04	24.01	23.96	24.04	23.94		
10	16QAM	25	25	23.91	23.75	24.15	23.85	24.02		
10	16QAM	50	0	23.99	23.93	23.97	24.03	23.82		
10	64QAM	1	0	24.27	24.35	24.35	24.39	24.37	25	2
10	64QAM	1	25	24.23	24.53	24.32	24.46	24.47		
10	64QAM	1	49	24.21	24.45	24.34	24.35	24.48		
10	64QAM	25	0	23.00	22.77	22.98	22.97	23.10	24	3
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LTE Band 42
FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.60	22.70	22.59	24	0
20	QPSK	1	49	22.47	22.58	22.53		
20	QPSK	1	99	22.64	22.60	22.58		
20	QPSK	50	0	21.68	21.85	21.62	23	1
20	QPSK	50	24	21.73	21.85	21.56		
20	QPSK	50	50	21.81	21.76	21.54		
20	QPSK	100	0	21.67	21.72	21.68		
20	16QAM	1	0	21.30	21.61	21.63	23	1
20	16QAM	1	49	21.63	21.57	21.71		
20	16QAM	1	99	21.66	21.58	21.66		
20	16QAM	50	0	20.73	20.66	20.67	22	2
20	16QAM	50	24	20.52	20.77	20.70		
20	16QAM	50	50	20.80	20.50	20.72		
20	16QAM	100	0	20.63	20.56	20.56		
20	64QAM	1	0	20.70	20.73	20.79	22	2
20	64QAM	1	49	20.86	20.83	20.66		
20	64QAM	1	99	20.63	20.89	20.89		
20	64QAM	50	0	19.78	19.68	19.55	21	3
20	64QAM	50	24	19.86	19.62	19.73		
20	64QAM	50	50	19.74	19.72	19.59		
20	64QAM	100	0	19.61	19.72	19.62		
20	256QAM	1	0	17.73	17.68	17.77	19	5
20	256QAM	1	49	17.81	17.72	17.48		
20	256QAM	1	99	17.64	17.57	17.55		
20	256QAM	50	0	17.82	17.75	17.78	19	5
20	256QAM	50	24	17.62	17.79	17.59		
20	256QAM	50	50	17.61	17.61	17.70		
20	256QAM	100	0	17.84	17.75	17.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.55	22.62	22.47	24	0
15	QPSK	1	37	22.41	22.49	22.49		
15	QPSK	1	74	22.55	22.51	22.53		
15	QPSK	36	0	21.61	21.71	21.58	23	1
15	QPSK	36	20	21.67	21.74	21.53		
15	QPSK	36	39	21.76	21.74	21.41		
15	QPSK	75	0	21.55	21.61	21.56		
15	16QAM	1	0	21.21	21.54	21.58	23	1
15	16QAM	1	37	21.59	21.50	21.68		
15	16QAM	1	74	21.61	21.50	21.63		
15	16QAM	36	0	20.59	20.54	20.55	22	2
15	16QAM	36	20	20.46	20.66	20.62		
15	16QAM	36	39	20.76	20.47	20.66		
15	16QAM	75	0	20.50	20.51	20.54		
15	64QAM	1	0	20.57	20.67	20.70	22	2
15	64QAM	1	37	20.73	20.76	20.59		
15	64QAM	1	74	20.58	20.82	20.82		
15	64QAM	36	0	19.76	19.61	19.45	21	3
15	64QAM	36	20	19.76	19.57	19.67		
15	64QAM	36	39	19.61	19.63	19.49		
15	64QAM	75	0	19.55	19.59	19.50		
15	256QAM	1	0	17.67	17.61	17.67	19	5
15	256QAM	1	37	17.69	17.64	17.38		
15	256QAM	1	74	17.52	17.48	17.52		
15	256QAM	36	0	17.72	17.63	17.75	19	5
15	256QAM	36	20	17.49	17.70	17.54		
15	256QAM	36	39	17.48	17.51	17.65		
15	256QAM	75	0	17.75	17.72	17.60		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.55	22.65	22.51	24	0
10	QPSK	1	25	22.37	22.50	22.51		
10	QPSK	1	49	22.56	22.56	22.54		
10	QPSK	25	0	21.55	21.73	21.59	23	1
10	QPSK	25	12	21.61	21.73	21.43		
10	QPSK	25	25	21.77	21.70	21.47		
10	QPSK	50	0	21.62	21.63	21.62		
10	16QAM	1	0	21.24	21.48	21.56	23	1
10	16QAM	1	25	21.59	21.50	21.59		
10	16QAM	1	49	21.58	21.52	21.53		
10	16QAM	25	0	20.68	20.57	20.60	22	2
10	16QAM	25	12	20.47	20.63	20.62		
10	16QAM	25	25	20.77	20.38	20.62		
10	16QAM	50	0	20.55	20.50	20.47		
10	64QAM	1	0	20.61	20.63	20.72	22	2
10	64QAM	1	25	20.79	20.70	20.53		
10	64QAM	1	49	20.56	20.82	20.76		
10	64QAM	25	0	19.66	19.55	19.43	21	3
10	64QAM	25	12	19.84	19.58	19.70		
10	64QAM	25	25	19.70	19.60	19.48		
10	64QAM	50	0	19.58	19.68	19.48		
10	256QAM	1	0	17.68	17.62	17.65	19	5
10	256QAM	1	25	17.73	17.67	17.44		
10	256QAM	1	49	17.60	17.49	17.51		
10	256QAM	25	0	17.73	17.68	17.73	19	5
10	256QAM	25	12	17.49	17.68	17.48		
10	256QAM	25	25	17.50	17.57	17.58		
10	256QAM	50	0	17.73	17.65	17.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.48	22.61	22.46	24	0
5	QPSK	1	12	22.44	22.50	22.45		
5	QPSK	1	24	22.55	22.50	22.46		
5	QPSK	12	0	21.58	21.72	21.57	23	1
5	QPSK	12	7	21.67	21.73	21.49		
5	QPSK	12	13	21.77	21.70	21.45		
5	QPSK	25	0	21.54	21.59	21.55		
5	16QAM	1	0	21.27	21.48	21.60	23	1
5	16QAM	1	12	21.56	21.51	21.58		
5	16QAM	1	24	21.56	21.51	21.61		
5	16QAM	12	0	20.68	20.53	20.54	22	2
5	16QAM	12	7	20.49	20.75	20.64		
5	16QAM	12	13	20.78	20.46	20.58		
5	16QAM	25	0	20.56	20.48	20.50		
5	64QAM	1	0	20.66	20.66	20.67	22	2
5	64QAM	1	12	20.81	20.73	20.64		
5	64QAM	1	24	20.55	20.77	20.76		
5	64QAM	12	0	19.68	19.58	19.47	21	3
5	64QAM	12	7	19.77	19.51	19.64		
5	64QAM	12	13	19.65	19.61	19.49		
5	64QAM	25	0	19.54	19.68	19.57		
5	256QAM	1	0	17.59	17.61	17.72	19	5
5	256QAM	1	12	17.75	17.58	17.43		
5	256QAM	1	24	17.58	17.43	17.43		
5	256QAM	12	0	17.69	17.64	17.74	19	5
5	256QAM	12	7	17.57	17.75	17.53		
5	256QAM	12	13	17.48	17.57	17.63		
5	256QAM	25	0	17.80	17.63	17.63		

LTE Band 42 Ant6
FCC (3.5GHz Band) (3450-3550MHz) Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.98	22.95	22.79	24	0
20	QPSK	1	49	22.87	22.81	22.90		
20	QPSK	1	99	22.94	22.68	22.95		
20	QPSK	50	0	21.97	21.84	21.69	23	1
20	QPSK	50	24	21.80	21.78	21.54		
20	QPSK	50	50	21.81	21.81	21.78		
20	QPSK	100	0	21.93	21.78	21.65		
20	16QAM	1	0	21.79	21.73	21.86	23	1
20	16QAM	1	49	21.70	21.70	21.94		
20	16QAM	1	99	21.94	21.86	21.97		
20	16QAM	50	0	20.79	20.82	20.94	22	2
20	16QAM	50	24	20.85	20.75	20.89		
20	16QAM	50	50	20.66	20.67	20.71		
20	16QAM	100	0	20.85	20.72	20.64		
20	64QAM	1	0	20.85	20.70	20.91	22	2
20	64QAM	1	49	20.84	20.78	20.90		
20	64QAM	1	99	21.00	20.82	20.71		
20	64QAM	50	0	19.80	19.76	19.89	21	3
20	64QAM	50	24	19.62	19.83	19.91		
20	64QAM	50	50	19.80	19.65	19.83		
20	64QAM	100	0	19.85	19.92	19.70		
20	256QAM	1	0	17.90	17.97	17.84	19	5
20	256QAM	1	49	17.97	17.91	18.07		
20	256QAM	1	99	18.07	17.87	17.84		
20	256QAM	50	0	17.86	17.70	17.82	19	5
20	256QAM	50	24	17.83	17.92	17.74		
20	256QAM	50	50	17.73	17.79	17.91		
20	256QAM	100	0	17.96	18.03	18.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.93	22.79	22.70	24	0
15	QPSK	1	37	22.76	22.63	22.77		
15	QPSK	1	74	22.83	22.52	22.83		
15	QPSK	36	0	21.74	21.79	21.65	23	1
15	QPSK	36	20	21.63	21.70	21.42		
15	QPSK	36	39	21.74	21.76	21.73		
15	QPSK	75	0	21.66	21.65	21.58		
15	16QAM	1	0	21.69	21.67	21.71	23	1
15	16QAM	1	37	21.61	21.54	21.80		
15	16QAM	1	74	21.84	21.79	21.87		
15	16QAM	36	0	20.71	20.74	20.74	22	2
15	16QAM	36	20	20.66	20.68	20.73		
15	16QAM	36	39	20.61	20.63	20.67		
15	16QAM	75	0	20.79	20.57	20.45		
15	64QAM	1	0	20.72	20.54	20.85	22	2
15	64QAM	1	37	20.73	20.73	20.82		
15	64QAM	1	74	20.87	20.72	20.53		
15	64QAM	36	0	19.66	19.66	19.81	21	3
15	64QAM	36	20	19.48	19.72	19.73		
15	64QAM	36	39	19.73	19.46	19.70		
15	64QAM	75	0	19.80	19.86	19.59		
15	256QAM	1	0	17.85	17.85	17.70	19	5
15	256QAM	1	37	17.87	17.81	17.89		
15	256QAM	1	74	17.70	17.77	17.80		
15	256QAM	36	0	17.73	17.66	17.67	19	5
15	256QAM	36	20	17.72	17.78	17.55		
15	256QAM	36	39	17.58	17.71	17.85		
15	256QAM	75	0	17.91	17.93	17.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.85	22.86	22.72	24	0
10	QPSK	1	25	22.68	22.68	22.72		
10	QPSK	1	49	22.89	22.60	22.83		
10	QPSK	25	0	21.68	21.69	21.65	23	1
10	QPSK	25	12	21.73	21.68	21.36		
10	QPSK	25	25	21.67	21.71	21.60		
10	QPSK	50	0	21.67	21.72	21.49		
10	16QAM	1	0	21.60	21.56	21.74	23	1
10	16QAM	1	25	21.58	21.64	21.84		
10	16QAM	1	49	21.87	21.75	21.86		
10	16QAM	25	0	20.69	20.67	20.87	22	2
10	16QAM	25	12	20.75	20.64	20.83		
10	16QAM	25	25	20.60	20.55	20.57		
10	16QAM	50	0	20.80	20.55	20.58		
10	64QAM	1	0	20.70	20.64	20.87	22	2
10	64QAM	1	25	20.73	20.69	20.81		
10	64QAM	1	49	20.80	20.64	20.52		
10	64QAM	25	0	19.63	19.63	19.78	21	3
10	64QAM	25	12	19.50	19.77	19.75		
10	64QAM	25	25	19.72	19.50	19.73		
10	64QAM	50	0	19.72	19.82	19.51		
10	256QAM	1	0	17.70	17.78	17.66	19	5
10	256QAM	1	25	17.79	17.82	17.95		
10	256QAM	1	49	17.91	17.67	17.75		
10	256QAM	25	0	17.70	17.63	17.72	19	5
10	256QAM	25	12	17.64	17.80	17.62		
10	256QAM	25	25	17.56	17.60	17.82		
10	256QAM	50	0	17.91	17.90	17.93		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.90	22.91	22.70	24	0
5	QPSK	1	12	22.81	22.66	22.82		
5	QPSK	1	24	22.87	22.54	22.85		
5	QPSK	12	0	21.78	21.79	21.57	23	1
5	QPSK	12	7	21.63	21.70	21.43		
5	QPSK	12	13	21.68	21.71	21.63		
5	QPSK	25	0	21.74	21.65	21.47		
5	16QAM	1	0	21.59	21.68	21.70	23	1
5	16QAM	1	12	21.52	21.52	21.76		
5	16QAM	1	24	21.78	21.75	21.92		
5	16QAM	12	0	20.60	20.77	20.86	22	2
5	16QAM	12	7	20.70	20.62	20.77		
5	16QAM	12	13	20.51	20.51	20.65		
5	16QAM	25	0	20.76	20.61	20.50		
5	64QAM	1	0	20.73	20.56	20.87	22	2
5	64QAM	1	12	20.67	20.64	20.82		
5	64QAM	1	24	20.85	20.68	20.52		
5	64QAM	12	0	19.70	19.57	19.71	21	3
5	64QAM	12	7	19.55	19.70	19.86		
5	64QAM	12	13	19.60	19.52	19.64		
5	64QAM	25	0	19.74	19.73	19.64		
5	256QAM	1	0	17.75	17.80	17.69	19	5
5	256QAM	1	12	17.91	17.76	17.94		
5	256QAM	1	24	17.92	17.78	17.76		
5	256QAM	12	0	17.77	17.64	17.76	19	5
5	256QAM	12	7	17.65	17.83	17.62		
5	256QAM	12	13	17.65	17.72	17.82		
5	256QAM	25	0	17.76	17.95	17.90		

LTE Band 43 Ant6
(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44490	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44490	44815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.67		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44490	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.56	22.53	24	0
10	QPSK	1	25	22.46	22.55	22.59		
10	QPSK	1	49	22.61	22.45	22.58		
10	QPSK	25	0	21.67	21.83	21.54	23	1
10	QPSK	25	12	21.61	21.75	21.47		
10	QPSK	25	25	21.67	21.73	21.42		
10	QPSK	50	0	21.69	21.76	21.73		
10	16QAM	1	0	21.26	21.49	21.51	23	1
10	16QAM	1	25	21.58	21.50	21.66		
10	16QAM	1	49	21.63	21.58	21.63		
10	16QAM	25	0	20.79	20.60	20.61	22	2
10	16QAM	25	12	20.53	20.62	20.65		
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67	22	2
10	64QAM	1	25	20.88	20.80	20.67		
10	64QAM	1	49	20.54	20.90	20.80		
10	64QAM	25	0	19.69	19.68	19.53	21	3
10	64QAM	25	12	19.84	19.70	19.67		
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74	19	5
10	256QAM	1	25	17.76	17.67	17.39		
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73	19	5
10	256QAM	25	12	17.62	17.69	17.44		
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44490	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.55	22.54	22.57	24	0
5	QPSK	1	12	22.44	22.56	22.51		
5	QPSK	1	24	22.59	22.52	22.51		
5	QPSK	12	0	21.61	21.75	21.52	23	1
5	QPSK	12	7	21.66	21.82	21.57		
5	QPSK	12	13	21.68	21.70	21.57		
5	QPSK	25	0	21.64	21.77	21.73		
5	16QAM	1	0	21.31	21.56	21.54	23	1
5	16QAM	1	12	21.64	21.48	21.59		
5	16QAM	1	24	21.62	21.56	21.54		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6
FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.72	22.63	22.45	24	0
20	QPSK	1	49	22.55	22.70	22.63	22.59		
20	QPSK	1	99	22.52	22.65	22.48	22.58		
20	QPSK	50	0	21.89	21.92	21.67	21.78	23	1
20	QPSK	50	24	21.81	21.83	21.84	21.70		
20	QPSK	50	50	21.75	21.90	21.89	21.69		
20	QPSK	100	0	21.83	21.88	21.86	21.79		
20	16QAM	1	0	21.59	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.71	21.82	21.51	21.78		
20	16QAM	1	99	21.81	21.74	21.62	21.

Reduced Power Mode for DSI2 ENDC simultaneous

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.39	20.41	20.37	21.5	0
20	QPSK	1	49	20.36	20.36	20.36		
20	QPSK	1	99	20.30	20.33	20.15		
20	QPSK	50	0	20.33	20.38	20.35		
20	QPSK	50	24	20.23	20.25	20.26		
20	QPSK	50	50	20.34	20.15	20.16		
20	QPSK	100	0	20.31	20.36	20.28		
20	16QAM	1	0	20.27	20.25	20.21		
20	16QAM	1	49	20.24	20.23	20.37	21.5	0
20	16QAM	1	99	20.27	20.29	20.35		
20	16QAM	50	0	20.36	20.30	20.37		
20	16QAM	50	24	20.25	20.31	20.26		
20	16QAM	50	50	20.18	20.15	20.30		
20	16QAM	100	0	20.32	20.23	20.31		
20	64QAM	1	0	20.27	20.36	20.13		
20	64QAM	1	49	20.13	20.14	20.24	21.5	0
20	64QAM	1	99	20.38	20.33	20.37		
20	64QAM	50	0	20.15	20.26	20.26		
20	64QAM	50	24	20.32	20.30	20.16	21.5	0
20	64QAM	50	50	20.27	20.25	20.31		
20	64QAM	100	0	20.14	20.27	20.26		
20	256QAM	1	0	18.68	18.55	18.68		
20	256QAM	1	49	18.51	18.52	18.64	19.5	2
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34		
20	256QAM	50	24	18.30	18.55	18.44	19.5	2
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.32	20.28	20.32	21.5	0
15	QPSK	1	37	20.29	20.25	20.12		
15	QPSK	1	74	20.25	20.16	20.03		
15	QPSK	36	0	20.22	20.31	20.26		
15	QPSK	36	20	20.12	20.13	20.16		
15	QPSK	36	39	20.29	19.97	20.04		
15	QPSK	75	0	20.13	20.20	20.23		
15	16QAM	1	0	20.15	20.10	20.03		
15	16QAM	1	37	20.15	20.13	20.29	21.5	0
15	16QAM	1	74	20.13	20.24	20.28		
15	16QAM	36	0	20.19	20.22	20.28		
15	16QAM	36	20	20.13	20.13	20.06	21.5	0
15	16QAM	36	39	20.05	20.01	20.21		
15	16QAM	75	0	20.17	20.12	20.16		
15	64QAM	1	0	20.23	20.25	20.06		
15	64QAM	1	37	20.03	19.97	20.15	21.5	0
15	64QAM	1	74	20.23	20.19	20.25		
15	64QAM	36	0	19.99	20.12	20.10		
15	64QAM	36	20	20.21	20.14	19.97	21.5	0
15	64QAM	36	39	20.23	20.16	20.24		
15	64QAM	75	0	19.99	20.17	20.12		
15	256QAM	1	0	18.59	18.46	18.58		
15	256QAM	1	37	18.46	18.45	18.54	19.5	2
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25		
15	256QAM	36	20	18.14	18.38	18.33	19.5	2
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.22	20.22	20.32	21.5	0
10	QPSK	1	25	20.23	20.29	20.16		
10	QPSK	1	49	20.24	20.24	20.10		
10	QPSK	25	0	20.14	20.27	20.21		
10	QPSK	25	12	20.09	20.10	20.07		
10	QPSK	25	25	20.23	19.99	20.08		
10	QPSK	50	0	20.17	20.20	20.16		
10	16QAM	1	0	20.11	20.14	20.04		
10	16QAM	1	25	20.08	20.17	20.28	21.5	0
10	16QAM	1	49	20.08	20.14	20.26		
10	16QAM	25	0	20.17	20.26	20.28		
10	16QAM	25	12	20.10	20.24	20.08	21.5	0
10	16QAM	25	25	20.12	19.95	20.15		
10	16QAM	50	0	20.21	20.14	20.21		
10	64QAM	1	0	20.13	20.17	20.08		
10	64QAM	1	25	20.00	20.03	20.19	21.5	0
10	64QAM	1	49	20.32	20.21	20.32		
10	64QAM	25	0	20.02	20.17	20.18		
10	64QAM	25	12	20.25	20.26	19.97	21.5	0
10	64QAM	25	25	20.11	20.19	20.20		
10	64QAM	50	0	20.03	20.18	20.16		
10	256QAM	1	0	18.52	18.50	18.54		
10	256QAM	1	25	18.47	18.48	18.54	19.5	2
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16		
10	256QAM	25	12	18.26	18.49	18.39	19.5	2
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.28	20.36	20.29	21.5	0
5	QPSK	1	12	20.24	20.28	20.22		
5	QPSK	1	24	20.21	20.20	20.06		
5	QPSK	12	0	20.24	20.22	20.25		
5	QPSK	12	7	20.14	20.16	20.11	21.5	0
5	QPSK	12	13	20.19	20.09	20.01		
5	QPSK	25	0	20.25	20.28	20.09		
5	16QAM	1	0	20.17	20.13	20.12		
5	16QAM	1	12	20.06	20.17	20.33	21.5	0
5	16QAM	1	24	20.12	20.25	20.31		
5	16QAM	12	0	20.23	20.20	20.26		
5	16QAM	12	7	20.09	20.27	20.10	21.5	0
5	16QAM	12	13	20.00	20.10	20.23		
5	16QAM	25	0	20.22	20.10	20.13		
5	64QAM	1	0	20.09	20.20	19.99		
5	64QAM	1	12	19.97	20.06	20.08	21.5	0
5	64QAM	1	24	20.29	20.20	20.28		
5	64QAM	12	0	20.00	20.12	20.14		
5	64QAM	12	7	20.27	20.24	20.10	21.5	0
5	64QAM	12	13	20.14	20.21	20.21		
5	64QAM	25	0	20.01	20.10	20.08		
5	256QAM	1	0	18.64	18.50	18.50		
5	256QAM	1	12	18.33	18.33	18.54	19.5	2
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30		
5	256QAM	12	7	18.21	18.35	18.31	19.5	2
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.28	20.28	20.31	21.5	0
3	QPSK	1	8	20.20	20.26	20.06		
3	QPSK	1	14	20.12	20.22	20.08		
3	QPSK	8	0	20.14	20.19	20.28		
3	QPSK	8	4	20.10	20.12	20.22	21.5	0
3	QPSK	8	7	20.16	20.01	20.03		
3	QPSK	15	0	20.14	20.18	20.12		
3	16QAM	1	0	20.18	20.15	20.07		
3	16QAM	1	8	20.06	20.16	20.32	21.5	0
3	16QAM	1	14	20.17	20.16	20.22		
3	16QAM	8	0	20.20	20.25	20.31		
3	16QAM	8	4	20.16	20.23	20.11	21.5	0
3	16QAM	8	7	20.03	20.05	20.21		
3	16QAM	15	0	20.18	20.09	20.26		
3	64QAM	1	0	20.19	20.32	20.01		
3	64QAM	1	8	19.95	20.02	20.15	21.5	0
3	64QAM	1	14	20.34	20.26	20.27		
3	64QAM	8	0	20.09	20.07	20.19		
3	64QAM	8	4	20.21	20.14	19.99	21.5	0
3	64QAM	8	7	20.14	20.09	20.26		
3	64QAM	15	0	20.06	20.20	20.17		
3	256QAM	1	0	18.52	18.39	18.52		
3	256QAM	1	8	18.35	18.35	18.51	19.5	2
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18		
3	256QAM	8	4	18.17	18.46	18.35	19.5	2
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.29	20.22	20.24	21.5	0
1.4	QPSK	1	3	20.27	20.24	20.16		
1.4	QPSK	1	5	20.16	20.20	20.10		
1.4	QPSK	3	0	20.20	20.27	20.29		
1.4	QPSK	3	1	20.10	20.21	20.07		
1.4	QPSK	3	3	20.19	20.02	20.08		
1.4	QPSK	6	0	20.16	20.19	20.10	21.5	0
1.4	16QAM	1	0	20.15	20.13	20.15	21.5	0
1.4	16QAM	1	3	20.06	20.17	20.29		
1.4	16QAM	1	5	20.09	20.13	20.17		
1.4	16QAM	3	0	20.27	20.14	20.28		
1.4	16QAM	3	1	20.10	20.20	20.07		
1.4	16QAM	3	3	20.04	20.00	20.15		
1.4	16QAM	6	0	20.21	20.19	20.25		
1.4	64QAM	1	0	20.15	20.30	19.99	21.5	0
1.4	64QAM	1	3	19.97	20.01	20.09		
1.4	64QAM	1	5	20.19	20.20	20.20		
1.4	64QAM	3	0	20.31	20.30	20.28		
1.4	64QAM	3	1	20.30	20.27	20.08		
1.4	64QAM	3	3	20.13	20.29	19.97		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	0
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	2
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.46	19.5	2

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.46	20.35	21.5	0
20	QPSK	1	49	20.19	20.24	20.18		
20	QPSK	1	99	20.15	20.28	20.28		
20	QPSK	50	0	20.16	20.33	20.14		
20	QPSK	50	24	20.29	20.23	20.18		
20	QPSK	50	50	20.20	20.22	20.16		
20	QPSK	100	0	20.28	20.31	20.26		
20	16QAM	1	0	20.17	20.28	20.22		
20	16QAM	1	49	20.16	20.28	20.33	21.5	0
20	16QAM	1	99	20.34	20.24	20.30		
20	16QAM	50	0	20.37	20.42	20.39		
20	16QAM	50	24	20.42	20.45	20.35		
20	16QAM	50	50	20.28	20.40	20.24		
20	16QAM	100	0	20.41	20.28	20.27		
20	64QAM	1	0	20.00	20.41	20.18		
20	64QAM	1	49	20.43	20.40	20.41	21.5	0
20	64QAM	1	99	20.26	20.22	20.40		
20	64QAM	50	0	20.37	20.40	20.24		
20	64QAM	50	24	20.42	20.40	20.26	21.5	0
20	64QAM	50	50	20.23	20.23	20.21		
20	64QAM	100	0	20.31	20.40	20.40		
20	256QAM	1	0	18.38	18.49	18.52		
20	256QAM	1	49	18.60	18.63	18.56	19.5	2
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59		
20	256QAM	50	24	18.55	18.49	18.43	19.5	2
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
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	20.27	21.5	0
15	QPSK	1	37	20.07	20.07	20.06		
15	QPSK	1	74	19.99	20.16	20.12		
15	QPSK	36	0	19.96	20.20	19.94		
15	QPSK	36	20	20.18	20.18	20.00	21.5	0
15	QPSK	36	39	20.02	20.03	20.06		
15	QPSK	75	0	20.09	20.19	20.14		
15	16QAM	1	0	20.02	20.11	20.04		
15	16QAM	1	37	20.09	20.24	20.28	21.5	0
15	16QAM	1	74	20.18	20.19	20.13		
15	16QAM	36	0	20.30	20.35	20.21		
15	16QAM	36	20	20.29	20.40	20.16	21.5	0
15	16QAM	36	39	20.15	20.28	20.05		
15	16QAM	75	0	20.26	20.12	20.17		
15	64QAM	1	0	20.27	20.44	20.21		
15	64QAM	1	37	20.27	20.34	20.41	21.5	0
15	64QAM	1	74	20.29	20.22	20.37		
15	64QAM	36	0	20.23	20.30	20.44		
15	64QAM	36	20	20.24	20.46	20.43	21.5	0
15	64QAM	36	39	20.40	20.40	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44		
15	256QAM	1	37	18.41	18.59	18.49	19.5	2
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44		
15	256QAM	36	20	18.45	18.40	18.34	19.5	2
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.12	20.24	20.25	21.5	0
10	QPSK	1	25	20.09	20.09	20.05		
10	QPSK	1	49	19.98	20.16	20.21		
10	QPSK	25	0	19.99	20.21	19.96		
10	QPSK	25	12	20.06	20.13	20.07	21.5	0
10	QPSK	25	25	20.06	20.07	20.01		
10	QPSK	50	0	20.19	20.27	20.21		
10	16QAM	1	0	19.98	20.14	20.09		
10	16QAM	1	25	19.96	20.23	20.19	21.5	0
10	16QAM	1	49	20.26	20.15	20.21		
10	16QAM	25	0	20.18	20.32	20.24		
10	16QAM	25	12	20.28	20.38	20.22	21.5	0
10	16QAM	25	25	20.08	20.31	20.12		
10	16QAM	50	0	20.25	20.09	20.21		
10	64QAM	1	0	20.38	20.37	20.40		
10	64QAM	1	25	20.37	20.25	20.45	21.5	0
10	64QAM	1	49	20.42	20.40	20.36		
10	64QAM	25	0	20.31	20.43	20.29		
10	64QAM	25	12	20.32	20.44	20.46	21.5	0
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38		
10	256QAM	1	25	18.45	18.49	18.41	19.5	2
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53		
10	256QAM	25	12	18.37	18.39	18.27	19.5	2
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.24	20.22	20.17	21.5	0
5	QPSK	1	12	20.04	20.16	20.10		
5	QPSK	1	24	19.98	20.23	20.12		
5	QPSK	12	0	20.02	20.25	20.08		
5	QPSK	12	7	20.12	20.18	20.11	21.5	0
5	QPSK	12	13	20.05	20.15	20.04		
5	QPSK	25	0	20.11	20.17	20.17		
5	16QAM	1	0	20.09	20.12	20.04		
5	16QAM	1	12	20.00	20.15	20.17	21.5	0
5	16QAM	1	24	20.17	20.14	20.12		
5	16QAM	12	0	20.18	20.29	20.31		
5	16QAM	12	7	20.27	20.28	20.30	21.5	0
5	16QAM	12	13	20.17	20.40	20.04		
5	16QAM	25	0	20.29	20.11	20.22		
5	64QAM	1	0	20.21	20.40	20.40		
5	64QAM	1	12	20.29	20.29	20.42	21.5	0
5	64QAM	1	24	20.40	20.41	20.42		
5	64QAM	12	0	20.28	20.44	20.23		
5	64QAM	12	7	20.22	20.43	20.41	21.5	0
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43	19.5	2
5	256QAM	1	12	18.43	18.53	18.46		
5	256QAM	1	24	18.43	18.24	18.46		
5	256QAM	12	0	18.48	18.31	18.45		
5	256QAM	12	7	18.49	18.40	18.36	19.5	2
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19900	20175	20450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.18	20.31	20.17	21.5	0
3	QPSK	1	8	20.04	20.16	20.03		
3	QPSK	1	14	20.01	20.22	20.09		
3	QPSK	8	0	20.05	20.24	19.98		
3	QPSK	8	4	20.12	20.13	20.04	21.5	0
3	QPSK	8	7	20.08	20.16	20.08		
3	QPSK	15	0	20.11	20.18	20.09		
3	16QAM	1	0	19.98	20.22	20.07		
3	16QAM	1	8	20.01	20.18	20.20	21.5	0
3	16QAM	1	14	20.25	20.19	20.14		
3	16QAM	8	0	20.26	20.31	20.26		
3	16QAM	8	4	20.35	20.33	20.22	21.5	0
3	16QAM	8	7	20.19	20.30	20.10		
3	16QAM	15	0	20.23	20.14	20.17		
3	64QAM	1	0	20.30	20.45	20.22		
3	64QAM	1	8	20.33	20.21	20.42	21.5	0
3	64QAM	1	14	20.45	20.25	20.36		
3	64QAM	8	0	20.18	20.34	20.15		
3	64QAM	8	4	20.27	20.38	20.42	21.5	0
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.40	20.36		
3	256QAM	1	0	18.23	18.30	18.48		
3	256QAM	1	8	18.41	18.48	18.41	19.5	2
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53		
3	256QAM	8	4	18.38	18.29	18.24	19.5	2
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
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	20.17	20.27	21.5	0
1.4	QPSK	1	3	20.07	20.06	20.08		
1.4	QPSK	1	5	19.96	20.24	20.16		
1.4	QPSK	3	0	20.07	20.23	20.01		
1.4	QPSK	3	1	20.23	20.15	20.00		
1.4	QPSK	3	3	20.06	20.13	19.99		
1.4	QPSK	6	0	20.13	20.14	20.19	21.5	0
1.4	16QAM	1	0	20.10	20.12	20.13	21.5	0
1.4	16QAM	1	3	20.10	20.16	20.28		
1.4	16QAM	1	5	20.30	20.18	20.17		
1.4	16QAM	3	0	20.20	20.28	20.24		
1.4	16QAM	3	1	20.11	20.20	20.05		
1.4	16QAM	3	3	19.95	20.11	20.21		
1.4	16QAM	6	0	20.19	20.26	20.15	21.5	0
1.4	64QAM	1	0	20.27	20.20	20.03	21.5	0
1.4	64QAM	1	3	20.06	20.13	20.04		
1.4	64QAM	1	5	20.15	19.98	20.09		
1.4	64QAM	3	0	20.17	20.28	20.42		
1.4	64QAM	3	1	20.22	20.04	20.35		
1.4	64QAM	3	3	20.41	20.45	20.29		
1.4	64QAM	6	0	20.08	20.23	20.40	21.5	0
1.4	256QAM	1	0	18.33	18.40	18.41	19.5	2
1.4	256QAM	1	3	18.58	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	2

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.05	22.07	22.03	23	0
10	QPSK	1	25	21.85	21.98	21.90		
10	QPSK	1	49	22.01	21.84	21.94		
10	QPSK	25	0	21.93	22.05	22.02		
10	QPSK	25	12	22.00	21.95	21.89	23	0
10	QPSK	25	25	21.85	21.84	21.91		
10	QPSK	50	0	21.88	22.02	22.01		
10	16QAM	1	0	21.94	21.92	22.04		
10	16QAM	1	25	21.95	21.97	21.93	23	0
10	16QAM	1	49

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.26	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.85	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.06		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.84	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.84		
3	64QAM	1	0	22.23	22.18	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.95	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.01		23	0
10	QPSK	1	25		21.82			
10	QPSK	1	49		21.83			
10	QPSK	25	0		21.98		23	0
10	QPSK	25	12		21.92			
10	QPSK	25	25		21.95			
10	QPSK	50	0		21.94			
10	16QAM	1	0		21.79		23	0
10	16QAM	1	25		21.85			
10	16QAM	1	49		21.86			
10	16QAM	25	0		21.82		23	0
10	16QAM	25	12		21.96			
10	16QAM	25	25		22.00			
10	16QAM	50	0		21.93			
10	64QAM	1	0		21.81		23	0
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.95			
10	64QAM	25	0		21.15		22	1
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	3
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	3
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.00	21.98	21.96	23	0
5	QPSK	1	12	21.77	21.80	21.81		
5	QPSK	1	24	21.80	21.82	21.84		
5	QPSK	12	0	21.90	21.94	21.98	23	0
5	QPSK	12	7	21.91	21.89	21.89		
5	QPSK	12	13	21.92	21.95	21.91		
5	QPSK	25	0	21.94	21.91	21.93		
5	16QAM	1	0	21.71	21.75	21.75	23	0
5	16QAM	1	12	21.86	21.80	21.86		
5	16QAM	1	24	21.83	21.83	21.87		
5	16QAM	12	0	21.77	21.76	21.81	23	0
5	16QAM	12	7	21.93	21.97	21.92		
5	16QAM	12	13	21.94	21.93	21.92		
5	16QAM	25	0	21.86	21.90	21.93		
5	64QAM	1	0	21.80	21.80	21.74	23	0
5	64QAM	1	12	21.88	21.85	21.94		
5	64QAM	1	24	21.91	21.91	21.94		
5	64QAM	12	0	21.04	21.01	21.05	22	1
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	3
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87	20	3
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.27		23	0
10	QPSK	1	25		22.21			
10	QPSK	1	49		22.24			
10	QPSK	25	0		22.24		23	0
10	QPSK	25	12		22.08			
10	QPSK	25	25		22.20			
10	QPSK	50	0		22.18			
10	16QAM	1	0		22.05		23	0
10	16QAM	1	25		22.17			
10	16QAM	1	49		22.09			
10	16QAM	25	0		22.13		23	0
10	16QAM	25	12		22.17			
10	16QAM	25	25		22.14			
10	16QAM	50	0		22.20			
10	64QAM	1	0		22.08		23	0
10	64QAM	1	25		22.21			
10	64QAM	1	49		22.26			
10	64QAM	25	0		21.09		22	1
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	3
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	3
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.04	22.08	21.97	23	0
5	QPSK	1	12	21.95	21.91	21.91		
5	QPSK	1	24	21.99	21.97	21.96		
5	QPSK	12	0	21.98	21.98	22.03	23	0
5	QPSK	12	7	21.87	21.83	21.86		
5	QPSK	12	13	21.99	21.98	21.90		
5	QPSK	25	0	21.94	21.95	21.95		
5	16QAM	1	0	21.83	21.79	21.74	23	0
5	16QAM	1	12	21.96	21.95	21.91		
5	16QAM	1	24	21.78	21.79	21.80		
5	16QAM	12	0	21.88	21.85	21.91	23	0
5	16QAM	12	7	21.94	21.94	21.95		
5	16QAM	12	13	21.89	21.86	21.85		
5	16QAM	25	0	21.96	21.92	21.97		
5	64QAM	1	0	21.86	21.83	21.83	23	0
5	64QAM	1	12	21.92	21.90	21.91		
5	64QAM	1	24	22.01	21.99	21.96		
5	64QAM	12	0	21.04	21.01	20.89	22	1
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.08	20	3
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.26		
5	256QAM	12	0	19.03	19.07	18.94	20	3
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.44	20.48	20.41	21.5	0
20	QPSK	1	49	20.23	20.25	20.28		
20	QPSK	1	99	20.45	20.30	20.38		
20	QPSK	50	0	20.44	20.46	20.41		
20	QPSK	50	24	20.33	20.35	20.28		
20	QPSK	50	50	20.38	20.36	20.20		
20	QPSK	100	0	20.27	20.41	20.24		
20	16QAM	1	0	20.40	20.21	20.29		
20	16QAM	1	49	20.37	20.41	20.44	21.5	0
20	16QAM	1	99	20.31	20.45	20.39		
20	16QAM	50	0	20.39	20.26	20.25		
20	16QAM	50	24	20.29	20.41	20.35		
20	16QAM	50	50	20.33	20.27	20.30		
20	16QAM	100	0	20.33	20.35	20.30		
20	64QAM	1	0	20.28	20.27	20.44		
20	64QAM	1	49	20.35	20.31	20.45	21.5	0
20	64QAM	1	99	20.41	20.24	20.40		
20	64QAM	50	0	20.27	20.44	20.31		
20	64QAM	50	24	20.35	20.42	20.22		
20	64QAM	50	50	20.37	20.27	20.31	21.5	0
20	64QAM	100	0	20.44	20.37	20.34		
20	256QAM	1	0	18.52	18.89	18.74		
20	256QAM	1	49	18.84	18.70	18.83	19.5	2
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.56	18.62	18.45		
20	256QAM	50	24	18.54	18.66	18.51	19.5	2
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.28	20.40	20.15	21.5	0
15	QPSK	1	37	20.06	20.08	20.16		
15	QPSK	1	74	20.35	20.11	20.26		
15	QPSK	36	0	20.39	20.34	20.22	21.5	0
15	QPSK	36	20	20.25	20.21	20.11		
15	QPSK	36	39	20.26	20.17	20.09		
15	QPSK	75	0	20.18	20.35	20.10		
15	16QAM	1	0	20.21	20.02	20.18	21.5	0
15	16QAM	1	37	20.30	20.34	20.35		
15	16QAM	1	74	20.23	20.35	20.33		
15	16QAM	36	0	20.32	20.21	20.13	21.5	0
15	16QAM	36	20	20.13	20.22	20.30		
15	16QAM	36	39	20.19	20.17	20.26		
15	16QAM	75	0	20.18	20.22	20.14		
15	64QAM	1	0	20.22	20.22	20.35	21.5	0
15	64QAM	1	37	20.23	20.21	20.37		
15	64QAM	1	74	20.33	20.10	20.35		
15	64QAM	36	0	20.18	20.32	20.14	21.5	0
15	64QAM	36	20	20.22	20.38	20.09		
15	64QAM	36	39	20.30	20.21	20.13		
15	64QAM	75	0	20.26	20.23	20.27		
15	256QAM	1	0	18.38	18.51	18.68	19.5	2
15	256QAM	1	37	18.66	18.53	18.64		
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32	19.5	2
15	256QAM	36	20	18.35	18.59	18.35		
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.38	18.34	18.49		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.38	20.37	20.31	21.5	0
10	QPSK	1	25	20.04	20.05	20.20		
10	QPSK	1	49	20.38	20.19	20.18		
10	QPSK	25	0	20.30	20.40	20.27	21.5	0
10	QPSK	25	12	20.28	20.23	20.14		
10	QPSK	25	25	20.33	20.25	20.10		
10	QPSK	50	0	20.19	20.27	20.10		
10	16QAM	1	0	20.26	20.02	20.24	21.5	0
10	16QAM	1	25	20.22	20.28	20.32		
10	16QAM	1	49	20.17	20.37	20.24		
10	16QAM	25	0	20.31	20.16	20.16	21.5	0
10	16QAM	25	12	20.25	20.36	20.16		
10	16QAM	25	25	20.25	20.17	20.17		
10	16QAM	50	0	20.24	20.31	20.24		
10	64QAM	1	0	20.23	20.11	20.25	21.5	0
10	64QAM	1	25	20.28	20.19	20.38		
10	64QAM	1	49	20.31	20.10	20.29		
10	64QAM	25	0	20.13	20.28	20.12	21.5	0
10	64QAM	25	12	20.29	20.27	20.10		
10	64QAM	25	25	20.29	20.12	20.12		
10	64QAM	50	0	20.31	20.17	20.16		
10	256QAM	1	0	18.47	18.55	18.60	19.5	2
10	256QAM	1	25	18.77	18.65	18.74		
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29	19.5	2
10	256QAM	25	12	18.45	18.58	18.44		
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.25	20.28	20.21	21.5	0
5	QPSK	1	12	20.10	20.09	20.16		
5	QPSK	1	24	20.35	20.24	20.19		
5	QPSK	12	0	20.32	20.31	20.30	21.5	0
5	QPSK	12	7	20.17	20.29	20.15		
5	QPSK	12	13	20.33	20.18	20.08		
5	QPSK	25	0	20.07	20.21	20.13		
5	16QAM	1	0	20.24	20.17	20.23	21.5	0
5	16QAM	1	12	20.18	20.31	20.28		
5	16QAM	1	24	20.18	20.34	20.24		
5	16QAM	12	0	20.35	20.16	20.11	21.5	0
5	16QAM	12	7	20.13	20.28	20.31		
5	16QAM	12	13	20.18	20.21	20.23		
5	16QAM	25	0	20.19	20.23	20.14		
5	64QAM	1	0	20.22	20.21	20.37	21.5	0
5	64QAM	1	12	20.22	20.24	20.33		
5	64QAM	1	24	20.26	20.18	20.21		
5	64QAM	12	0	20.20	20.36	20.21	21.5	0
5	64QAM	12	7	20.23	20.38	20.03		
5	64QAM	12	13	20.21	20.15	20.19		
5	64QAM	25	0	20.28	20.30	20.27		
5	256QAM	1	0	18.47	18.56	18.66	19.5	2
5	256QAM	1	12	18.69	18.50	18.66		
5	256QAM	1	24	18.55	18.49	18.60		
5	256QAM	12	0	18.55	18.40	18.35	19.5	2
5	256QAM	12	7	18.48	18.51	18.41		
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26035	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.39	20.30	20.28	21.5	0
3	QPSK	1	8	20.06	20.05	20.22		
3	QPSK	1	14	20.40	20.21	20.31		
3	QPSK	8	0	20.32	20.39	20.33	21.5	0
3	QPSK	8	4	20.24	20.16	20.16		
3	QPSK	8	7	20.29	20.31	20.06		
3	QPSK	15	0	20.21	20.25	20.14		
3	16QAM	1	0	20.36	20.13	20.19	21.5	0
3	16QAM	1	8	20.24	20.37	20.36		
3	16QAM	1	14	20.25	20.26	20.28		
3	16QAM	8	0	20.20	20.13	20.09	21.5	0
3	16QAM	8	4	20.26	20.29	20.16		
3	16QAM	8	7	20.15	20.21	20.12		
3	16QAM	15	0	20.18	20.25	20.15		
3	64QAM	1	0	20.19	20.20	20.26	21.5	0
3	64QAM	1	8	20.30	20.13	20.36		
3	64QAM	1	14	20.34	20.10	20.33		
3	64QAM	8	0	20.22	20.37	20.17	21.5	0
3	64QAM	8	4	20.28	20.35	20.03		
3	64QAM	8	7	20.32	20.09	20.26		
3	64QAM	15	0	20.25	20.21	20.19		
3	256QAM	1	0	18.46	18.56	18.58	19.5	2
3	256QAM	1	8	18.77	18.59	18.73		
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29	19.5	2
3	256QAM

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.93	22.01	21.81	23	0
15	QPSK	1	37	21.88	21.93	21.86		
15	QPSK	1	74	21.84	21.88	21.92		
15	QPSK	36	0	21.81	21.95	21.89	23	0
15	QPSK	36	20	21.80	21.87	21.80		
15	QPSK	36	39	21.92	21.93	21.88		
15	QPSK	75	0	21.76	21.92	21.85		
15	16QAM	1	0	21.83	21.89	21.76	23	0
15	16QAM	1	37	21.77	21.90	21.80		
15	16QAM	1	74	21.76	21.89	21.97		
15	16QAM	36	0	21.92	21.80	21.92	23	0
15	16QAM	36	20	21.97	21.79	21.81		
15	16QAM	36	39	21.91	21.91	21.84		
15	16QAM	75	0	21.96	21.78	21.76		
15	64QAM	1	0	21.90	21.86	21.76	23	0
15	64QAM	1	37	21.94	21.96	21.89		
15	64QAM	1	74	21.93	21.97	21.84		
15	64QAM	36	0	20.84	20.91	20.87	22	1
15	64QAM	36	20	21.07	21.01	21.04		
15	64QAM	36	39	21.00	20.79	20.90		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12	20	3
15	256QAM	1	37	18.98	19.16	19.16		
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.79	18.85	20	3
15	256QAM	36	20	18.46	18.79	18.59		
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.77	21.94	21.76	23	0
10	QPSK	1	25	21.75	21.77	21.66		
10	QPSK	1	49	21.72	21.81	21.81		
10	QPSK	25	0	21.71	21.75	21.76	23	0
10	QPSK	25	12	21.66	21.82	21.67		
10	QPSK	25	25	21.87	21.87	21.73		
10	QPSK	50	0	21.66	21.83	21.74		
10	16QAM	1	0	21.82	21.72	21.62	23	0
10	16QAM	1	25	21.63	21.74	21.67		
10	16QAM	1	49	21.64	21.79	21.92		
10	16QAM	25	0	21.76	21.68	21.84	23	0
10	16QAM	25	12	21.84	21.62	21.63		
10	16QAM	25	25	21.82	21.80	21.68		
10	16QAM	50	0	21.89	21.69	21.59		
10	64QAM	1	0	21.86	21.69	21.69	23	0
10	64QAM	1	25	21.85	21.77	21.81		
10	64QAM	1	49	21.87	21.89	21.76		
10	64QAM	25	0	20.71	20.81	20.71	22	1
10	64QAM	25	12	20.98	20.95	20.96		
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94	20	3
10	256QAM	1	25	18.85	19.04	19.05		
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57	20	3
10	256QAM	25	12	18.35	18.68	18.36		
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.88	21.82	21.73	23	0
5	QPSK	1	12	21.79	21.78	21.66		
5	QPSK	1	24	21.78	21.71	21.83		
5	QPSK	12	0	21.70	21.90	21.81	23	0
5	QPSK	12	7	21.64	21.71	21.72		
5	QPSK	12	13	21.81	21.78	21.77		
5	QPSK	25	0	21.63	21.82	21.67		
5	16QAM	1	0	21.86	21.75	21.65	23	0
5	16QAM	1	12	21.60	21.72	21.69		
5	16QAM	1	24	21.70	21.74	21.85		
5	16QAM	12	0	21.79	21.74	21.85	23	0
5	16QAM	12	7	21.88	21.61	21.73		
5	16QAM	12	13	21.83	21.72	21.70		
5	16QAM	25	0	21.80	21.60	21.69		
5	64QAM	1	0	21.73	21.79	21.85	23	0
5	64QAM	1	12	21.82	21.77	21.79		
5	64QAM	1	24	21.82	21.78	21.69		
5	64QAM	12	0	20.77	20.78	20.67	22	1
5	64QAM	12	7	21.01	20.90	20.98		
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06	20	3
5	256QAM	1	12	18.79	19.05	19.11		
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61	20	3
5	256QAM	12	7	18.34	18.71	18.41		
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.75	21.87	21.70	23	0
3	QPSK	1	8	21.73	21.83	21.86		
3	QPSK	1	14	21.74	21.78	21.88		
3	QPSK	8	0	21.62	21.78	21.76	23	0
3	QPSK	8	4	21.72	21.78	21.64		
3	QPSK	8	7	21.78	21.73	21.71		
3	QPSK	15	0	21.68	21.76	21.79		
3	16QAM	1	0	21.81	21.83	21.65	23	0
3	16QAM	1	8	21.69	21.79	21.71		
3	16QAM	1	14	21.82	21.83	21.91		
3	16QAM	8	0	21.82	21.64	21.77	23	0
3	16QAM	8	4	21.92	21.60	21.68		
3	16QAM	8	7	21.78	21.86	21.67		
3	16QAM	15	0	21.92	21.70	21.57		
3	64QAM	1	0	21.86	21.71	21.66	23	0
3	64QAM	1	8	21.87	21.80	21.73		
3	64QAM	1	14	21.83	21.89	21.72		
3	64QAM	8	0	20.71	20.75	20.72	22	1
3	64QAM	8	4	20.93	20.86	20.89		
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.92	20.84		
3	256QAM	1	0	18.89	19.00	18.96	20	3
3	256QAM	1	8	18.87	19.04	19.00		
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60	20	3
3	256QAM	8	4	18.40	18.65	18.31		
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.79	21.91	21.85	23	0
1.4	QPSK	1	3	21.75	21.87	21.72		
1.4	QPSK	1	5	21.68	21.79	21.84		
1.4	QPSK	3	0	21.67	21.89	21.72		
1.4	QPSK	3	1	21.67	21.74	21.89		
1.4	QPSK	3	3	21.86	21.83	21.82		
1.4	QPSK	6	0	21.59	21.75	21.66	23	0
1.4	16QAM	1	0	21.88	21.94	21.70	23	0
1.4	16QAM	1	3	21.68	21.80	21.69		
1.4	16QAM	1	5	21.58	21.81	21.84		
1.4	16QAM	3	0	21.76	21.75	21.79		
1.4	16QAM	3	1	21.87	21.61	21.68		
1.4	16QAM	3	3	21.71	21.74	21.67		
1.4	16QAM	6	0	21.83	21.65	21.72	23	0
1.4	64QAM	1	0	21.73	21.67	21.59	23	0
1.4	64QAM	1	3	21.83	21.84	21.76		
1.4	64QAM	1	5	21.79	21.83	21.76		
1.4	64QAM	3	0	21.80	21.87	21.74		
1.4	64QAM	3	1	21.82	21.80	21.69		
1.4	64QAM	3	3	21.64	21.76	21.86		
1.4	64QAM	6	0	20.66	20.60	20.53	22	1
1.4	256QAM	1	0	18.92	18.91	19.07	20	3
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11		
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	3

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.42	20.48	20.47	21.5	0
20	QPSK	1	49	20.28	20.33	20.46		
20	QPSK	1	99	20.43	20.42	20.37		
20	QPSK	50	0	20.32	20.43	20.36	21.5	0
20	QPSK	50	24	20.37	20.33	20.34		
20	QPSK	50	50	20.28	20.40	20.34		
20	QPSK	100	0	20.29	20.41	20.39		
20	16QAM	1	0	20.29	20.38	20.40	21.5	0
20	16QAM	1	49	20.29	20.36	20.32		
20	16QAM	1	99	20.35	20.37	20.33		
20	16QAM	50	0	20.40	20.33	20.15	21.5	0
20	16QAM	50	24	20.33	20.30	20.18		
20	16QAM	50	50	20.18	20.34	20.42		
20	16QAM	100	0	20.27	20.16	20.20		
20	64QAM	1	0	20.30	20.31	20.46	21.5	0
20	64QAM	1	49	20.35	20.43	20.14		
20	64QAM	1	99	20.38	20.42	20.19		
20	64QAM	50	0	20.31	20.33	20.20	21.5	0
20	64QAM	50	24	20.45	20.44	20.39		
20	64QAM	50	50	20.40	20.25	20.41		
20	64QAM	100	0	20.40	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50	19.5	2
20	256QAM	1	49	18.49	18.67	18.55		
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.28	18.45	18.31	19.5	2
20	256QAM	50	24	18.41	18.32	18.38		
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.13	20.25	20.10	21.5	0
15	QPSK	1	37	20.13	20.17	20.31		
15	QPSK	1	74	20.25	20.23	20.07		
15	QPSK	36	0	20.12	20.23	20.08	21.5	0
15	QPSK	36	20	20.08	20.11	20.09		
15	QPSK	36	39	20.04	20.11	20.09		
15	QPSK	75	0	20.08	20.22	20.24		
15	16QAM	1	0	20.19	20.20	20.23	21.5	0
15	16QAM	1	37	20.02	20.21	20.05		
15	16QAM	1	74	20.05	20.14	20.07		
15	16QAM	36	0	20.30	20.14	20.09	21.5	0
15	16QAM	36	20	20.16	20.24	20.05		
15	16QAM	36	39	20.05	20.16	20.31		
15	16QAM	75	0	20.19	20.03	20.15		
15	64QAM	1	0	20.11	20.18	20.28	21.5	0
15	64QAM	1	37	20.18	20.32	20.09		
15	64QAM	1	74	20.30	20.27	20.12		
15	64QAM	36	0	20.19	20.26	20.07	21.5	0
15	64QAM	36	20	20.28	20.27	20.23		
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39	19.5	2
15	256QAM	1	37	18.43	18.59	18.44		
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16	19.5	2
15	256QAM	36	20	18.34	18.27	18.23		
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.15	20.34	20.16	21.5	0
10	QPSK	1	25	20.01	20.12	20.30		
10	QPSK	1	49	20.21	20.18	20.13		
10	QPSK	25	0	20.17	20.19	20.10	21.5	0
10	QPSK	25	12	20.15	20.15	20.18		
10	QPSK	25	25	20.01	20.16	20.09		
10	QPSK	50	0	20.11	20.15	20.22		
10	16QAM	1	0	20.19	20.11	20.22	21.5	0
10	16QAM	1	25	20.03	20.15	20.07		
10	16QAM	1	49	20.18	20.11	20.17		
10	16QAM	25	0	20.20	20.20	20.10	21.5	0
10	16QAM	25	12	20.27	20.19	20.11		
10	16QAM	25	25	20.03	20.21	20.30		
10	16QAM	50	0	20.17	20.03	20.01		
10	64QAM	1	0	20.25	20.21	20.41	21.5	0
10	64QAM	1	25	20.30	20.29	20.03		
10	64QAM	1	49	20.20	20.23	20.06		
10	64QAM	25	0	20.20	20.13	20.13	21.5	0
10	64QAM	25	12	20.39	20.35	20.33		
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43	19.5	2
10	256QAM	1	25	18.30	18.55	18.49		
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.68	18.36	18.25	19.5	2
10	256QAM	25	12	18.22	18.23	18.26		
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.23	20.20	20.20	21.5	0
5	QPSK	1	12	20.04	20.13	20.26		
5	QPSK	1	24	20.14	20.25	20.11		
5	QPSK	12	0	20.08	20.18	20.12	21.5	0
5	QPSK	12	7	20.14	20.16	20.11		
5	QPSK	12	13	20.01	20.10	20.12		
5	QPSK	25	0	20.03	20.19	20.18		
5	16QAM	1	0	20.19	20.21	20.20	21.5	0
5	16QAM	1	12	20.13	20.16	20.12		
5	16QAM	1	24	20.07	20.18	20.07		
5	16QAM	12	0	20.26	20.13	20.06	21.5	0
5	16QAM	12	7	20.24	20.18	20.09		
5	16QAM	12	13	20.01	20.18	20.29		
5	16QAM	25	0	20.16	20.06	20.00		
5	64QAM	1	0	20.13	20.14	20.37	21.5	0
5	64QAM	1	12	20.19	20.36	19.97		
5	64QAM	1	24	20.33	20.29	19.99		
5	64QAM	12	0	20.23	20.16	20.13	21.5	0
5	64QAM	12	7	20.39	20.30	20.24		
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44	19.5	2
5	256QAM	1	12	18.42	18.63	18.49		
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24	19.5	2
5	256QAM	12	7	18.38	18.16	18.30		
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.17	20.30	20.15	21.5	0
3	QPSK	1	8	20.01	20.09	20.21		
3	QPSK	1	14	20.27	20.17	20.11		
3	QPSK	8	0	20.11	20.26	20.07	21.5	0
3	QPSK	8	4	20.19	20.10	20.06		
3	QPSK	8	7	20.09	20.10	20.14		
3	QPSK	15	0	20.07	20.16	20.20		
3	16QAM	1	0	20.18	20.13	20.17	21.5	0
3	16QAM	1	8	20.03	20.14	20.18		
3	16QAM	1	14	20.19	20.22	20.15		
3	16QAM	8	0	20.34	20.29	20.09	21.5	0
3	16QAM	8	4	20.15	20.19	20.12		
3	16QAM	8	7	20.09	20.28	20.25		
3	16QAM	15	0	20.07	20.03	20.15		
3	64QAM	1	0	20.23	20.20	20.37	21.5	0
3	64QAM	1	8	20.19	20.36	20.10		
3	64QAM	1	14	20.21	20.36	20.05		
3	64QAM	8	0	20.24	20.26	20.13	21.5	0
3	64QAM	8	4	20.31	20.40	20.28		
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.38	19.5	2
3	256QAM	1	8	18.38	18.50	18.41		
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19	19.5	2
3	256QAM	8	4	18.37	18.13	18.30		
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.26	20.31	20.10	21.5	0
1.4	QPSK	1	3	20.10	20.12	20.18		
1.4	QPSK	1	5	20.20	20.18	20.16		
1.4	QPSK	3	0	20.09	20.16	20.10		
1.4	QPSK	3	1	20.10	20.13	20.05		
1.4	QPSK	3	3	20.09	20.26	20.18		
1.4	QPSK	6	0	20.09	20.11	20.15	21.5	0
1.4	16QAM	1	0	20.19	20.17	20.16	21.5	0
1.4	16QAM	1	3	20.04	20.08	20.04		
1.4	16QAM	1	5	20.20	20.14	20.14		
1.4	16QAM	3	0	20.22	20.30	20.23		
1.4	16QAM	3	1	20.01	20.10	20.24		
1.4	16QAM	3	3	20.13	20.22	20.22		
1.4	16QAM	6	0	20.26	20.17	19.99	21.5	0
1.4	64QAM	1	0	20.06	20.11	20.00	21.5	0
1.4	64QAM	1	3	20.00	20.23	20.21		
1.4	64QAM	1	5	19.96	19.88	20.02		
1.4	64QAM	3	0	20.09	20.05	20.23		
1.4	64QAM	3	1	20.02	20.25	19.97		
1.4	64QAM	3	3	20.05	20.23	19.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	0
1.4	256QAM	1	0	18.35	18.36	18.31	19.5	2
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39		
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	2

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.77	22.81	22.73	24	0
20	QPSK	1	49	22.49	22.66	22.62		
20	QPSK	1	99	22.55	22.55	22.57		
20	QPSK	50	0	22.65	22.77	22.62	24	0
20	QPSK	50	24	22.62	22.56	22.63		
20	QPSK	50	50	22.58	22.63	22.56		
20	QPSK	100	0	22.70	22.75	22.67		
20	16QAM	1	0	22.56	22.54	22.55	24	0
20	16QAM	1	49	22.67	22.58	22.49		
20	16QAM	1	99	22.66	22.70	22.67		
20	16QAM	50	0	21.89	21.82	21.67	23	1
20	16QAM	50	24	21.72	21.70	21.91		
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.26	22.11	22.25	23	1
20	64QAM	1	49	22.02	21.98	21.96		
20	64QAM	1	99	21.99	22.19	22.18		
20	64QAM	50	0	20.93	20.76	20.78	22	2
20	64QAM	50	24	20.80	20.85	20.71		
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90	20	4
20	256QAM	1	49	18.87	18.86	19.00		
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74	20	4
20	256QAM	50	24	18.80	18.89	18.98		
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.48	22.59	22.62	24	0
15	QPSK	1	37	22.30	22.53	22.48		
15	QPSK	1	74	22.44	22.40	22.51		
15	QPSK	36	0	22.48	22.49	22.34	24	0
15	QPSK	36	20	22.46	22.48	22.56		
15	QPSK	36	39	22.52	22.48	22.45		
15	QPSK	75	0	22.41	22.55	22.44		
15	16QAM	1	0	22.44	22.34	22.46	24	0
15	16QAM	1	37	22.54	22.46	22.33		
15	16QAM	1	74	22.49	22.56	22.53		
15	16QAM	36	0	21.73	21.89	21.48	23	1
15	16QAM

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ 18700	Power Middle Ch./ 18900	Power High Ch./ 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.99	18.01	17.94		
20	QPSK	1	49	17.67	17.83	17.82	19	0
20	QPSK	1	99	17.70	17.63	17.94		
20	QPSK	50	0	17.86	17.98	17.80		
20	QPSK	50	24	17.71	17.71	17.85	19	0
20	QPSK	50	50	17.97	17.72	17.77		
20	QPSK	100	0	17.78	17.96	17.93		
20	16QAM	1	0	17.77	17.92	17.88		
20	16QAM	1	49	17.99	17.72	17.80	19	0
20	16QAM	1	99	17.84	17.88	17.82		
20	16QAM	50	0	17.88	17.77	17.84		
20	16QAM	50	24	17.74	17.69	17.84	19	0
20	16QAM	50	50	17.70	17.67	17.76		
20	16QAM	100	0	17.75	17.75	17.77		
20	64QAM	1	0	17.79	17.86	17.64		
20	64QAM	1	49	17.61	17.84	17.78	19	0
20	64QAM	1	99	17.78	17.73	17.85		
20	64QAM	50	0	17.80	17.62	17.83		
20	64QAM	50	24	17.81	17.70	17.66	19	0
20	64QAM	50	50	17.86	17.76	17.88		
20	64QAM	100	0	17.91	17.75	17.67		
20	256QAM	1	0	17.80	17.78	17.66		
20	256QAM	1	49	17.55	17.63	17.79	19	0
20	256QAM	1	99	17.73	17.63	17.68		
20	256QAM	50	0	17.83	17.49	17.70		
20	256QAM	50	24	17.78	17.58	17.46	19	0
20	256QAM	50	50	17.86	17.68	17.79		
20	256QAM	100	0	17.73	17.63	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.94	17.84	17.79		
15	QPSK	1	37	17.52	17.67	17.73	19	0
15	QPSK	1	74	17.65	17.50	17.76		
15	QPSK	36	0	17.78	17.92	17.64		
15	QPSK	36	20	17.60	17.59	17.79	19	0
15	QPSK	36	39	17.86	17.54	17.61		
15	QPSK	75	0	17.67	17.81	17.88		
15	16QAM	1	0	17.65	17.79	17.71		
15	16QAM	1	37	17.84	17.56	17.69	19	0
15	16QAM	1	74	17.73	17.71	17.73		
15	16QAM	36	0	17.64	17.58	17.75		
15	16QAM	36	20	17.60	17.58	17.76	19	0
15	16QAM	36	39	17.61	17.55	17.62		
15	16QAM	75	0	17.60	17.69	17.73		
15	64QAM	1	0	17.74	17.79	17.58		
15	64QAM	1	37	17.53	17.71	17.59	19	0
15	64QAM	1	74	17.62	17.68	17.75		
15	64QAM	36	0	17.61	17.47	17.63		
15	64QAM	36	20	17.65	17.53	17.50	19	0
15	64QAM	36	39	17.78	17.57	17.80		
15	64QAM	75	0	17.76	17.67	17.53		
15	256QAM	1	0	17.73	17.67	17.60		
15	256QAM	1	37	17.62	17.70	17.71	19	0
15	256QAM	1	74	17.66	17.60	17.67		
15	256QAM	36	0	17.73	17.56	17.66		
15	256QAM	36	20	17.76	17.51	17.42	19	0
15	256QAM	36	39	17.62	17.71	17.81		
15	256QAM	75	0	17.74	17.63	17.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.95	17.89	17.88		
10	QPSK	1	25	17.62	17.65	17.69	19	0
10	QPSK	1	49	17.65	17.46	17.78		
10	QPSK	25	0	17.81	17.86	17.61		
10	QPSK	25	12	17.65	17.61	17.68	19	0
10	QPSK	25	25	17.83	17.59	17.68		
10	QPSK	50	0	17.71	17.79	17.85		
10	16QAM	1	0	17.59	17.77	17.78		
10	16QAM	1	25	17.87	17.65	17.72	19	0
10	16QAM	1	49	17.77	17.71	17.75		
10	16QAM	25	0	17.60	17.67	17.75		
10	16QAM	25	12	17.69	17.57	17.66	19	0
10	16QAM	25	25	17.58	17.51	17.71		
10	16QAM	50	0	17.69	17.64	17.57		
10	64QAM	1	0	17.66	17.81	17.59		
10	64QAM	1	25	17.45	17.69	17.62	19	0
10	64QAM	1	49	17.64	17.60	17.69		
10	64QAM	25	0	17.64	17.47	17.78		
10	64QAM	25	12	17.71	17.65	17.49	19	0
10	64QAM	25	25	17.77	17.66	17.70		
10	64QAM	50	0	17.84	17.63	17.57		
10	256QAM	1	0	17.78	17.70	17.57		
10	256QAM	1	25	17.48	17.72	17.72	19	0
10	256QAM	1	49	17.61	17.75	17.71		
10	256QAM	25	0	17.76	17.50	17.73		
10	256QAM	25	12	17.76	17.57	17.51	19	0
10	256QAM	25	25	17.72	17.71	17.78		
10	256QAM	50	0	17.74	17.74	17.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.90	17.84	17.77		
5	QPSK	1	12	17.53	17.78	17.68	19	0
5	QPSK	1	24	17.63	17.57	17.78		
5	QPSK	12	0	17.78	17.82	17.70		
5	QPSK	12	7	17.62	17.53	17.75	19	0
5	QPSK	12	13	17.93	17.52	17.64		
5	QPSK	25	0	17.62	17.76	17.80		
5	16QAM	1	0	17.59	17.87	17.76		
5	16QAM	1	12	17.91	17.55	17.69	19	0
5	16QAM	1	24	17.68	17.83	17.70		
5	16QAM	12	0	17.57	17.66	17.73		
5	16QAM	12	7	17.56	17.50	17.72	19	0
5	16QAM	12	13	17.61	17.51	17.70		
5	16QAM	25	0	17.68	17.61	17.61		
5	64QAM	1	0	17.66	17.81	17.54		
5	64QAM	1	12	17.47	17.77	17.68	19	0
5	64QAM	1	24	17.62	17.65	17.72		
5	64QAM	12	0	17.66	17.47	17.72		
5	64QAM	12	7	17.84	17.54	17.54	19	0
5	64QAM	12	13	17.74	17.59	17.76		
5	64QAM	25	0	17.80	17.56	17.51		
5	256QAM	1	0	17.83	17.69	17.64		
5	256QAM	1	12	17.56	17.69	17.73	19	0
5	256QAM	1	24	17.73	17.69	17.74		
5	256QAM	12	0	17.77	17.60	17.77		
5	256QAM	12	7	17.68	17.56	17.54	19	0
5	256QAM	12	13	17.73	17.66	17.65		
5	256QAM	25	0	17.83	17.68	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.86	17.88	17.79		
3	QPSK	1	8	17.50	17.76	17.66	19	0
3	QPSK	1	14	17.57	17.52	17.88		
3	QPSK	8	0	17.81	17.91	17.65		
3	QPSK	8	4	17.59	17.56	17.71	19	0
3	QPSK	8	7	17.85	17.61	17.73		
3	QPSK	15	0	17.63	17.82	17.88		
3	16QAM	1	0	17.69	17.83	17.72		
3	16QAM	1	8	17.81	17.61	17.65	19	0
3	16QAM	1	14	17.72	17.72	17.78		
3	16QAM	8	0	17.60	17.63	17.65		
3	16QAM	8	4	17.67	17.57	17.74	19	0
3	16QAM	8	7	17.63	17.47	17.67		
3	16QAM	15	0	17.60	17.56	17.60		
3	64QAM	1	0	17.67	17.80	17.50		
3	64QAM	1	8	17.53	17.71	17.60	19	0
3	64QAM	1	14	17.60	17.61	17.71		
3	64QAM	8	0	17.76	17.56	17.69		
3	64QAM	8	4	17.67	17.56	17.51	19	0
3	64QAM	8	7	17.73	17.56	17.81		
3	64QAM	15	0	17.81	17.68	17.58		
3	256QAM	1	0	17.69	17.69	17.53		
3	256QAM	1	8	17.56	17.66	17.75	19	0
3	256QAM	1	14	17.72	17.63	17.78		
3	256QAM	8	0	17.77	17.52	17.71		
3	256QAM	8	4	17.78	17.55	17.45	19	0
3	256QAM	8	7	17.63	17.64	17.72		
3	256QAM	15	0	17.74	17.71	17.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.87	17.83	17.76		
1.4	QPSK	1	3	17.58	17.78	17.77		
1.4	QPSK	1	5	17.55	17.51	17.89	19	0
1.4	QPSK	3	0	17.72	17.86	17.76		
1.4	QPSK	3	1	17.66	17.56	17.73		
1.4	QPSK	3	3	17.79	17.57	17.69		
1.4	QPSK	6	0	17.62	17.86	17.74	19	0
1.4	16QAM	1	0	17.63	17.85	17.78		
1.4	16QAM	1	3	17.64	17.55	17.75		
1.4	16QAM	1	5	17.72	17.72	17.75	19	0
1.4	16QAM	3	0	17.60	17.67	17.65		
1.4	16QAM	3	1	17.61	17.51	17.66		
1.4	16QAM	3	3	17.54	17.50	17.57		
1.4	16QAM	6	0	17.59	17.64	17.58	19	0
1.4	64QAM	1	0	17.75	17.71	17.60		
1.4	64QAM	1	3	17.54	17.65	17.73		
1.4	64QAM	1	5	17.70	17.65	17.73	19	0
1.4	64QAM	3	0	17.70	17.54	17.72		
1.4	64QAM	3	1	17.68	17.52	17.47		
1.4	64QAM	3	3	17.68	17.71	17.73		
1.4	64QAM	6	0	17.78	17.68	17.48	19	0
1.4	256QAM	1	0	17.83	17.71	17.64		
1.4	256QAM	1	3	17.52	17.69	17.72		
1.4	256QAM	1	5	17.71	17.58	17.72	19	0
1.4	256QAM	3	0	17.73	17.58	17.65		
1.4	256QAM	3	1	17.81	17.49	17.55		
1.4	256QAM	3	3	17.74	17.70	17.78		
1.4	256QAM	6	0	17.83	17.69	17.42	19	0

LTE Band 4 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ 20050	Power Middle Ch./ 20175	Power High Ch./ 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.43	16.59	16.52		
20	QPSK	1	49	16.40	16.46	16.39	17.5	0
20	QPSK	1	99	16.38	16.53	16.52		
20	QPSK	50	0	16.46	16.51	16.47		
20	QPSK	50	24	16.34	16.41	16.37	17.5	0
20	QPSK	50	50	16.25	16.20	16.47		
20	QPSK	100	0	16.29	16.48	16.31		
20	16QAM	1	0	16.46	16.36	16.45		
20	16QAM	1	49	16.43	16.44	16.40	17.5	0
20	16QAM	1	99	16.41	16.20	16.31		
20	16QAM	50	0	16.53	16.44	16.49		
20	16QAM	50	24	16.35	16.46	16.45	17.5	0
20	16QAM	50	50	16.38	16.24	16.30		
20	16QAM	100	0	16.38	16.47	16.25		
20	64QAM	1	0	16.39	16.42	16.42		
20	64QAM	1	49	16.27	16.34	16.42	17.5	0
20	64QAM	1	99	16.38	16.42	16.37		
20	64QAM	50	0	16.40	16.51	16.23		
20	64QAM	50	24	16.49	16.44	16.54	17.5	0
20	64QAM	50	50	16.52	16.48	16.45		
20	64QAM	100	0	16.35	16.40	16.53		
20	256QAM	1	0	16.35	16.48	16.38		
20	256QAM	1	49	16.34	16.41	16.25	17.5	0
20	256QAM	1	99	16.24	16.25	16.35		
20	256QAM	50	0	16.37	16.25	16.29		
20	256QAM	50	24	16.26	16.17	16.38	17.5	0
20	256QAM	50	50	16.52	16.47	16.30		
20	256QAM	100	0	16.23	16.41	16.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.24	16.43	16.45		
15	QPSK	1	37	16.36	16.41	16.31	17.5	0
15	QPSK	1	74	16.23	16.39	16.38		
15	QPSK	36	0	16.39	16.43	16.36		
15	QPSK	36	20	16.24	16.30	16.33	17.5	0
15	QPSK	36	39	16.08	16.14	16.38		
15	QPSK	75	0	16.24	16.30	16.19		
15	16QAM	1	0	16.40	16.18	16.33		
15	16QAM	1	37	16.35	16.29	16.37	17.5	0
15	16QAM	1	74	16.24	16.10	16.19		
15	16QAM	36	0	16.39	16.40	16.39		
15	16QAM	36	20	16.29	16.35	16.30	17.5	0
15	16QAM	36	39	16.24	16.06	16.26		
15	16QAM	75	0	16.29	16.27	16.15		
15	64QAM	1	0	16.26	16.24	16.34		
15	64QAM	1	37	16.08	16.26	16.29	17.5	0
15	64QAM	1	74	16.21	16.37	16.32		
15	64QAM	36	0	16.23	16.31	16.12		
15	64QAM	36	20	16.21	16.39	16.39	17.5	0
15	64QAM	36	39	16.47	16.40	16.35		
15	64QAM	75	0	16.19	16.25	16.44		
15	256QAM	1	0	16.25	16.30	16.32		
15	256QAM	1	37	16.25	16.27	16.12	17.5	0
15	256QAM	1	74	16.08	16.29	16.29		
15	256QAM	36	0	16.28	16.18	16.18		
15	256QAM	36	20	16.21	16.08	16.25	17.5	0
15	256QAM	36	39	16.34	16.32	16.14		
15	256QAM	75	0	16.03	16.30	16.22		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.28	16.36	16.35		
10	QPSK	1	25	16.33	16.40	16.19	17.5	0
10	QPSK	1	49	16.29	16.37	16.47		
10	QPSK	25	0	16.43	16.41	16.36		
10	QPSK	25	12	16.17	16.27	16.29	17.5	0
10	QPSK	25	25	16.21	16.15	16.40		
10	QPSK	50	0	16.20	16.33	16.25		
10	16QAM	1	0	16.30	16.27	16.37		
10	16QAM	1	25	16.31	16.29	16.27	17.5	0
10	16QAM	1	49	16.27	16.11	16.11		
10	16QAM	25	0	16.45	16.28	16.35		
10	16QAM	25	12	16.17	16.38	16.32	17.5	0
10	16QAM	25	25	16.28	16.18	16.17		
10	16QAM	50	0	16.32	16.31	16.20		
10	64QAM	1	0	16.21	16.23	16.25		
10	64QAM	1	25	16.19	16.20	16.37	17.5	0
10	64QAM	1	49	16.31	16.35	16.19		
10	64QAM	25	0	16.30	16.38	16.04		
10	64QAM	25	12	16.34	16.49	16.49	17.5	0
10	64QAM	25	25	16.41	16.28	16.39		
10	64QAM	50	0	16.23	16.31	16.34		
10	256QAM	1	0	16.27	16.35	16.34		
10	256QAM	1	25	16.23	16.29	16.12	17.5	0
10	256QAM	1	49	16.09	16.10	16.28		
10	256QAM	25	0	16.31	16.05	16.14		
10	256QAM	25	12	16.18	15.99	16.29	17.5	0
10	256QAM	25	25	16.46	16.33	16.14		
10	256QAM	50	0	16.17	16.28	16.19		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.32	16.50	16.48		
5	QPSK	1	12	16.23	16.34	16.35	17.5	0
5	QPSK	1	24	16.23	16.41	16.34		
5	QPSK	12	0	16.45	16.41	16.40		
5	QPSK	12	7	16.21	16.29	16.22	17.5	0
5	QPSK	12	13	16.17	16.11	16.33		
5	QPSK	25	0	16.22	16.34	16.18		
5	16QAM	1	0	16.28	16.32	16.27		
5	16QAM	1	12	16.37	16.33	16.25	17.5	0
5	16QAM	1	24	16.25	16.08	16.20		
5	16QAM	12	0	16.47	16.33	16.34		
5	16QAM	12	7	16.25	16.28	16.34	17.5	0
5	16QAM	12	13	16.27	16.19	16.17		
5	16QAM	25	0	16.23	16.40	16.14		
5	64QAM	1	0	16.22	16.26	16.37		
5	64QAM	1	12	16.16	16.26	16.33	17.5	0
5	64QAM	1	24	16.33	16.31	16.19		
5	64QAM	12	0	16.28	16.31	16.15		
5	64QAM	12	7	16.35	16.32	16.46	17.5	0
5	64QAM	12	13	16.43	16.29	16.33		
5	64QAM	25	0	16.27	16.28	16.43		
5	256QAM	1	0	16.25	16.41	16.27		
5	256QAM	1	12	16.19	16.24	16.12	17.5	0
5	256QAM	1	24	16.20	16.19	16.24		
5	256QAM	12	0	16.31	16.16	16.10		
5	256QAM	12	7	16.08	16.11	16.22	17.5	0
5	256QAM	12	13	16.48	16.41	16.13		
5	256QAM	25	0	16.15	16.30	16.19		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.34	16.40	16.47		
3	QPSK	1	8	16.35	16.29	16.19	17.5	0
3	QPSK	1	14	16.34	16.39	16.36		
3	QPSK	8	0	16.45	16.47	16.31		
3	QPSK	8	4	16.19	16.32	16.25	17.5	0
3	QPSK	8	7	16.06	16.08	16.41		
3	QPSK	15	0	16.19	16.28	16.20		
3	16QAM	1	0	16.38	16.26	16.27		
3	16QAM	1	8	16.24	16.36	16.32	17.5	0
3	16QAM	1	14	16.36	16.05	16.24		
3	16QAM	8	0	16.41	16.38	16.41		
3	16QAM	8	4	16.29	16.30	16.34	17.5	0
3	16QAM	8	7	16.25	16.15	16.20		
3	16QAM	15	0	16.33	16.19	16.15		
3	64QAM	1	0	16.29	16.23	16.27		
3	64QAM	1	8	16.10	16.19	16.23	17.5	0
3	64QAM	1	14	16.28	16.30	16.31		
3	64QAM	8	0	16.36	16.42	16.06		
3	64QAM	8	4	16.38	16.31	16.34	17.5	0
3	64QAM	8	7	16.41	16.20	16.28		
3	64QAM	15	0	16.22	16.21	16.45		
3	256QAM	1	0	16.29	16.34	16.19		
3	256QAM	1	8	16.17	16.36	16.20	17.5	0
3	256QAM	1	14	16.08	16.31	16.19		
3	256QAM	8	0	16.20	16.11	16.25		
3	256QAM	8	4	16.14	16.12	16.26	17.5	0
3	256QAM	8	7	16.42	16.37	16.19		
3	256QAM	15	0	16.15	16.33	16.28		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.38	16.35	16.36		
1.4	QPSK	1	3	16.29	16.26	16.30		
1.4	QPSK	1	5	16.28	16.41	16.41	17.5	0
1.4	QPSK	3	0	16.39	16.35	16.34		
1.4	QPSK	3	1	16.16	16.28	16.18		
1.4	QPSK	3	3	16.08	16.07	16.30		
1.4	QPSK	6	0	16.14	16.41	16.17	17.5	0
1.4	16QAM	1	0	16.39	16.28	16.37		
1.4	16QAM	1	3	16.24	16.29	16.20		
1.4	16QAM	1	5	16.29	16.05	16.21	17.5	0
1.4	16QAM	3	0	16.37	16.25	16.30		
1.4	16QAM	3	1	16.21	16.37	16.39		
1.4	16QAM	3	3	16.28	16.08	16.12		
1.4	16QAM	6	0	16.27	16.37	16.14	17.5	0
1.4	64QAM	1	0	16.20	16.36	16.23		
1.4	64QAM	1	3	16.16	16.28	16.22		
1.4	64QAM	1	5	16.18	16.26	16.33	17.5	0
1.4	64QAM	3	0	16.29	16.36	16.05		
1.4	64QAM	3	1	16.33	16.25	16.45		
1.4	64QAM	3	3	16.46	16.36	16.40		
1.4	64QAM	6	0	16.23	16.34	16.48	17.5	0
1.4	256QAM	1	0	16.30	16.35	16.26		
1.4	256QAM	1	3	16.28	16.24	16.20		
1.4	256QAM	1	5	16.08	16.08	16.25	17.5	0
1.4	256QAM	3	0	16.19	16.06	16.18		
1.4	256QAM	3	1	16.09	16.07	16.24		
1.4	256QAM	3	3	16.42	16.38	16.15		
1.4	256QAM	6	0	16.17	16.21	16.19	17.5	0

LTE Band 25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ 26140	Power Middle Ch./ 26340	Power High Ch./ 26590	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.91	18.12	17.93		
20	QPSK	1	49	17.85	17.76	17.81	19	0
20	QPSK	1	99	17.89	17.91	17.82		
20	QPSK	50	0	17.98	18.05	17.76		
20	QPSK	50	24	17.77	17.76	17.74	19	0
20	QPSK	50	50	17.72	17.85	17.90		
20	QPSK	100	0	17.66	17.97	17.90		
20	16QAM	1	0	17.93	18.03	17.79		
20	16QAM	1	49	17.84	17.84	17.96	19	0
20	16QAM	1	99	17.76	17.92	17.88		
20	16QAM	50	0	17.88

LTE Band 43 Ant6

(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.51		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.54	22.57	24	0
10	QPSK	1	25	22.44	22.56	22.51		
10	QPSK	1	49	22.59	22.52	22.51		
10	QPSK	25	0	21.61	21.75	21.52	23	1
10	QPSK	25	12	21.66	21.82	21.57		
10	QPSK	25	25	21.68	21.70	21.57		
10	QPSK	50	0	21.64	21.77	21.73		
10	16QAM	1	0	21.31	21.56	21.54	23	1
10	16QAM	1	25	21.64	21.48	21.59		
10	16QAM	1	49	21.62	21.56	21.54		
10	16QAM	25	0	20.68	20.71	20.68	22	2
10	16QAM	25	12	20.43	20.61	20.67		
10	16QAM	25	25	20.67	20.57	20.70		
10	16QAM	50	0	20.61	20.42	20.55		
10	64QAM	1	0	20.70	20.79	20.79	22	2
10	64QAM	1	25	20.86	20.84	20.64		
10	64QAM	1	49	20.50	20.88	20.73		
10	64QAM	25	0	19.74	19.66	19.48	21	3
10	64QAM	25	12	19.86	19.60	19.64		
10	64QAM	25	25	19.73	19.58	19.43		
10	64QAM	50	0	19.53	19.74	19.50		
10	256QAM	1	0	17.69	17.53	17.69	19	5
10	256QAM	1	25	17.70	17.68	17.51		
10	256QAM	1	49	17.64	17.62	17.48		
10	256QAM	25	0	17.79	17.65	17.70	19	5
10	256QAM	25	12	17.52	17.76	17.49		
10	256QAM	25	25	17.66	17.61	17.68		
10	256QAM	50	0	17.76	17.71	17.61		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.50	22.64	22.58	24	0
5	QPSK	1	12	22.42	22.57	22.59		
5	QPSK	1	24	22.57	22.49	22.46		
5	QPSK	12	0	21.67	21.55	21.48	23	1
5	QPSK	12	7	21.52	21.60	21.56		
5	QPSK	12	13	21.64	21.43	21.57		
5	QPSK	25	0	21.51	21.51	21.50		
5	16QAM	1	0	21.39	21.41	21.39	23	1
5	16QAM	1	12	21.65	21.56	21.67		
5	16QAM	1	24	21.54	21.53	21.58		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6

FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.72	22.63	22.45	24	0
20	QPSK	1	49	22.55	22.70	22.63	22.59		
20	QPSK	1	99	22.52	22.65	22.48	22.58		
20	QPSK	50	0	21.89	21.92	21.67	21.78	23	1
20	QPSK	50	24	21.81	21.83	21.84	21.70		
20	QPSK	50	50	21.75	21.90	21.89	21.69		
20	QPSK	100	0	21.83	21.88	21.86	21.79		
20	16QAM	1	0	21.59	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.71	21.82	21.51	21.78		
20	16QAM	1	99	21.81	21.74	21.62	21.77		
20	16QAM	50	0	20.70	20.88	20.90	20.81	22	2
20	16QAM	50	24	20.82	21.03	21.02	20.91		
20	16QAM	50	50	21.02	21.01	20.95	20.99		
20	16QAM	100	0	20.85	20.99	20.70	20.86		
20	64QAM	1	0	20.77	20.76	20.61	20.71	22	2
20	64QAM	1	49	20.89	20.92	20.94	20.93		
20	64QAM	1	99	20.69	20.64	20.59	20.92		
20	64QAM	50	0	19.98	19.87	19.71	20.03	21	3
20	64QAM	50	24	19.70	19.75	19.81	19.82		
20	64QAM	50	50	19.78	19.78	19.84	19.78		
20	64QAM	100	0	19.92	19.70	19.71	19.86		
20	256QAM	1	0	17.71	17.75	17.65	17.86	19	5
20	256QAM	1	49	17.62	17.67	17.61	17.64		
20	256QAM	1	99	17.67	17.77	17.59	17.89		
20	256QAM	50	0	18.00	17.92	17.85	17.81	19	5
20	256QAM	50	24	18.04	17.77	17.74	17.94		
20	256QAM	50	50	17.87	17.96	17.93	17.79		
20	256QAM	100	0	17.87	17.92	18.10	17.79		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.50	22.53	22.48	22.36	24	0
15	QPSK	1	37	22.36	22.63	22.48	22.51		
15	QPSK	1	74	22.39	22.56	22.39	22.46		
15	QPSK	36	0	21.79	21.74	21.59	21.59	23	1
15	QPSK	36	20	21.62	21.74	21.77	21.57		
15	QPSK	36	39	21.57	21.82	21.79	21.54		
15	QPSK	75	0	21.70	21.73	21.68	21.69		
15	16QAM	1	0	21.50	21.55	21.60	21.60	23	1
15	16QAM	1	37	21.66	21.67	21.34	21.63		
15	16QAM	1	74	21.75	21.58	21.50	21.71		
15	16QAM	36	0	20.64	20.72	20.85	20.75	22	2
15	16QAM	36	20	20.63	20.98	20.93	20.77		
15	16QAM	36	39	20.86	20.93	20.86	20.90		
15	16QAM	75	0	20.66	20.94	20.58	20.72		
15	64QAM	1	0	20.72	20.71	20.52	20.60	22	2
15	64QAM	1	37	20.75	20.86	20.85	20.86		
15	64QAM	1	74	20.59	20.49	20.51	20.74		
15	64QAM	36	0	19.79	19.79	19.54	19.89	21	3
15	64QAM	36	20	19.57	19.58	19.64	19.73		
15	64QAM	36	39	19.74	19.67	19.70	19.64		
15	64QAM	75	0	19.81	19.57	19.64	19.67		
15	256QAM	1	0	17.58	17.63	17.61	17.74	19	5
15	256QAM	1	37	17.50	17.50	17.49	17.51		
15	256QAM	1	74	17.53	17.63	17.51	17.75		
15	256QAM	36	0	17.83	17.84	17.72	17.66	19	5
15	256QAM	36	20	17.92	17.68	17.65	17.89		
15	256QAM	36	39	17.71	17.91	17.76	17.70		
15	256QAM	75	0	17.71	17.77	18.05	17.72		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.50	22.54	22.48	22.30	24	0
10	QPSK	1	25	22.49	22.53	22.45	22.44		
10	QPSK	1	49	22.47	22.60	22.33	22.39		
10	QPSK	25	0	21.84	21.85	21.52	21.67	23	1
10	QPSK	25	12	21.71	21.72	21.68	21.60		
10	QPSK	25	25	21.67	21.74	21.69	21.58		
10	QPSK	50	0	21.73	21.81	21.70	21.70		
10	16QAM	1	0	21.54	21.51	21.68	21.67	23	1
10	16QAM	1	25	21.58	21.70	21.44	21.62		
10	16QAM	1	49	21.76	21.58	21.57	21.69		
10	16QAM	25	0	20.60	20.75	20.85	20.75	22	2
10	16QAM	25	12	20.65	20.84	20.90	20.79		
10	16QAM	25	25	20.89	20.97	20.86	20.79		
10	16QAM	50	0	20.72	20.88	20.58	20.76		
10	64QAM	1	0	20.68	20.58	20.45	20.65	22	2
10	64QAM	1	25	20.77	20.80	20.79	20.77		
10	64QAM	1	49	20.55	20.46	20.48	20.75		
10	64QAM	25	0	19.79	19.80	19.61	19.91	21	3
10	64QAM	25	12	19.64	19.56	19.66	19.72		
10	64QAM	25	25	19.60	19.61	19.64	19.74		
10	64QAM	50	0	19.75	19.52	19.55	19.79		
10	256QAM	1	0	17.57	17.67	17.53	17.79	19	5
10	256QAM	1	25	17.46	17.60	17.46	17.50		
10	256QAM	1	49	17.51	17.70	17.53	17.76		
10	256QAM	25	0	17.90	17.78	17.79	17.62	19	5
10	256QAM	25	12	17.89	17.59	17.54	17.87		
10	256QAM	25	25	17.74	17.83	17.81	17.62		
10	256QAM	50	0	17.79	17.80	18.02	17.62		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.53	22.63	22.59	22.31	24	0
5	QPSK	1	12	22.43	22.60	22.49	22.50		
5	QPSK	1	24	22.35	22.52	22.33	22.42		
5	QPSK	12	0	21.77	21.75	21.56	21.64	23	1
5	QPSK	12	7	21.69	21.75	21.65	21.50		
5	QPSK	12	13	21.63	21.80	21.75	21.52		
5	QPSK	25	0	21.76	21.81	21.66	21.73		
5	16QAM	1	0	21.51	21.55	21.62	21.68	23	1
5	16QAM	1	12	21.61	21.74	21.35	21.60		
5	16QAM	1	24	21.71	21.64	21.57	21.72		
5	16QAM	12	0	20.56	20.78	20.73	20.67	22	2
5	16QAM	12	7	20.72	20.85	20.85	20.86		
5	16QAM	12	13	20.95	20.87	20.84	20.88		
5	16QAM	25	0	20.73	20.84	20.52	20.70		
5	64QAM	1	0	20.60	20.60	20.54	20.52	22	2
5	64QAM	1	12	20.81	20.78	20.80	20.82		
5	64QAM	1	24	20.57	20.45	20.43	20.74		
5	64QAM	12	0	19.78	19.78	19.65	19.96	21	3
5	64QAM	12	7	19.54	19.67	19.74	19.77		
5	64QAM	12	13	19.69	19.64	19.77	19.60		
5	64QAM	25	0	19.80	19.59	19.62	19.79		
5	256QAM	1	0	17.55	17.58	17.50	17.78	19	5
5	256QAM	1	12	17.46	17.61	17.45	17.57		
5	256QAM	1	24	17.50	17.57	17.40	17.79		
5	256QAM	12	0	17.81	17.82	17.71	17.76	19	5
5	256QAM	12	7	17.99	17.70	17.56	17.77		
5	256QAM	12	13	17.77	17.92	17.74	17.67		
5	256QAM	25	0	17.70	17.74	18.04	17.74		

Reduced Power Mode for DSI3 Simultaneous

<WCDMA>

		WCDMA II Ant 1				WCDMA IV Ant 1				WCDMA V Ant 1			
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	20.89	20.93	20.82	21.50	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMC 12.2Kbps	20.91	20.94	20.89	21.50	23.26	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	19.64	19.92	19.99	20.50	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	19.65	19.87	19.82	20.50	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	19.24	19.23	19.28	20.00	21.87	21.82	21.83	22.50	21.82	21.93	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.27	19.23	20.00	21.69	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.77	19.74	19.67	20.50	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.64	19.89	19.90	20.50	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.49	19.42	19.38	20.00	21.67	21.77	21.82	22.50	21.86	21.92	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.23	19.31	19.43	20.00	21.86	21.84	21.71	22.50	21.84	21.91	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	19.52	19.84	19.93	20.50	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	17.65	17.96	17.80	18.50	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	18.71	18.75	18.82	19.50	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	17.54	17.66	17.79	18.50	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	19.86	19.82	19.87	20.50	22.42	22.36	22.27	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.34	17.15	17.37	18.00	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.39	20.41	20.37		
20	QPSK	1	49	20.36	20.38	20.26	21.5	0
20	QPSK	1	99	20.30	20.33	20.15		
20	QPSK	50	0	20.33	20.36	20.35		
20	QPSK	50	24	20.23	20.25	20.26	21.5	0
20	QPSK	50	50	20.34	20.15	20.16		
20	QPSK	100	0	20.31	20.36	20.28		
20	16QAM	1	0	20.27	20.25	20.21		
20	16QAM	1	49	20.24	20.23	20.37	21.5	0
20	16QAM	1	99	20.27	20.29	20.35		
20	16QAM	50	0	20.36	20.30	20.37		
20	16QAM	50	24	20.25	20.31	20.26	21.5	0
20	16QAM	50	50	20.18	20.15	20.30		
20	16QAM	100	0	20.32	20.23	20.31		
20	64QAM	1	0	20.27	20.36	20.13		
20	64QAM	1	49	20.13	20.14	20.24	21.5	0
20	64QAM	1	99	20.38	20.33	20.37		
20	64QAM	50	0	20.15	20.26	20.26		
20	64QAM	50	24	20.32	20.30	20.16	21.5	0
20	64QAM	50	50	20.27	20.25	20.31		
20	64QAM	100	0	20.14	20.27	20.26		
20	256QAM	1	0	18.68	18.55	18.66		
20	256QAM	1	49	18.51	18.52	18.64	19.5	2
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34		
20	256QAM	50	24	18.30	18.55	18.44	19.5	2
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.32	20.28	20.32		
15	QPSK	1	37	20.29	20.25	20.12	21.5	0
15	QPSK	1	74	20.25	20.16	20.03		
15	QPSK	36	0	20.22	20.31	20.26		
15	QPSK	36	20	20.12	20.13	20.16	21.5	0
15	QPSK	36	39	20.29	19.97	20.04		
15	QPSK	75	0	20.13	20.20	20.23		
15	16QAM	1	0	20.15	20.10	20.03		
15	16QAM	1	37	20.15	20.13	20.29	21.5	0
15	16QAM	1	74	20.13	20.24	20.28		
15	16QAM	36	0	20.19	20.22	20.28		
15	16QAM	36	20	20.13	20.13	20.06	21.5	0
15	16QAM	36	39	20.05	20.01	20.21		
15	16QAM	75	0	20.17	20.12	20.16		
15	64QAM	1	0	20.23	20.25	20.06		
15	64QAM	1	37	20.03	19.97	20.15	21.5	0
15	64QAM	1	74	20.23	20.19	20.19		
15	64QAM	36	0	19.99	20.12	20.10		
15	64QAM	36	20	20.21	20.14	19.97	21.5	0
15	64QAM	36	39	20.23	20.16	20.24		
15	64QAM	75	0	19.99	20.17	20.12		
15	256QAM	1	0	18.59	18.46	18.58		
15	256QAM	1	37	18.46	18.45	18.54	19.5	2
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25		
15	256QAM	36	20	18.14	18.38	18.33	19.5	2
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.22	20.22	20.32		
10	QPSK	1	25	20.23	20.29	20.16	21.5	0
10	QPSK	1	49	20.24	20.24	20.10		
10	QPSK	25	0	20.14	20.27	20.21		
10	QPSK	25	12	20.09	20.10	20.07	21.5	0
10	QPSK	25	25	20.23	19.99	20.08		
10	QPSK	50	0	20.17	20.20	20.16		
10	16QAM	1	0	20.11	20.14	20.04		
10	16QAM	1	25	20.08	20.17	20.28	21.5	0
10	16QAM	1	49	20.08	20.14	20.24		
10	16QAM	25	0	20.17	20.26	20.28		
10	16QAM	25	12	20.10	20.24	20.08	21.5	0
10	16QAM	25	25	20.12	19.95	20.15		
10	16QAM	50	0	20.21	20.14	20.21		
10	64QAM	1	0	20.13	20.17	20.08		
10	64QAM	1	25	20.00	20.03	20.19	21.5	0
10	64QAM	1	49	20.32	20.21	20.32		
10	64QAM	25	0	20.02	20.17	20.18		
10	64QAM	25	12	20.25	20.26	19.97	21.5	0
10	64QAM	25	25	20.11	20.19	20.20		
10	64QAM	50	0	20.03	20.18	20.16		
10	256QAM	1	0	18.52	18.50	18.54		
10	256QAM	1	25	18.47	18.48	18.54	19.5	2
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16		
10	256QAM	25	12	18.26	18.49	18.39	19.5	2
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.28	20.36	20.29		
5	QPSK	1	12	20.24	20.28	20.22	21.5	0
5	QPSK	1	24	20.21	20.20	20.06		
5	QPSK	12	0	20.24	20.22	20.25		
5	QPSK	12	7	20.14	20.16	20.11	21.5	0
5	QPSK	12	13	20.19	20.09	20.01		
5	QPSK	25	0	20.25	20.28	20.09		
5	16QAM	1	0	20.17	20.13	20.12		
5	16QAM	1	12	20.06	20.17	20.33	21.5	0
5	16QAM	1	24	20.12	20.25	20.31		
5	16QAM	12	0	20.23	20.20	20.26		
5	16QAM	12	7	20.09	20.27	20.10	21.5	0
5	16QAM	12	13	20.00	20.10	20.23		
5	16QAM	25	0	20.22	20.10	20.13		
5	64QAM	1	0	20.09	20.20	19.99		
5	64QAM	1	12	19.97	20.06	20.08	21.5	0
5	64QAM	1	24	20.29	20.20	20.28		
5	64QAM	12	0	20.00	20.12	20.14		
5	64QAM	12	7	20.27	20.24	20.10	21.5	0
5	64QAM	12	13	20.14	20.14	20.21		
5	64QAM	25	0	20.01	20.10	20.08		
5	256QAM	1	0	18.64	18.50	18.50		
5	256QAM	1	12	18.33	18.53	18.54	19.5	2
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30		
5	256QAM	12	7	18.21	18.35	18.31	19.5	2
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.28	20.28	20.31		
3	QPSK	1	8	20.20	20.26	20.06	21.5	0
3	QPSK	1	14	20.12	20.22	20.08		
3	QPSK	8	0	20.14	20.19	20.28		
3	QPSK	8	4	20.10	20.12	20.22	21.5	0
3	QPSK	8	7	20.16	20.01	20.03		
3	QPSK	15	0	20.14	20.18	20.12		
3	16QAM	1	0	20.18	20.15	20.07		
3	16QAM	1	8	20.06	20.16	20.32	21.5	0
3	16QAM	1	14	20.17	20.16	20.22		
3	16QAM	8	0	20.20	20.25	20.31		
3	16QAM	8	4	20.16	20.23	20.11	21.5	0
3	16QAM	8	7	20.03	20.05	20.21		
3	16QAM	15	0	20.18	20.09	20.26		
3	64QAM	1	0	20.19	20.32	20.01		
3	64QAM	1	8	19.95	20.02	20.15	21.5	0
3	64QAM	1	14	20.34	20.26	20.27		
3	64QAM	8	0	20.09	20.07	20.19		
3	64QAM	8	4	20.21	20.14	19.99	21.5	0
3	64QAM	8	7	20.14	20.09	20.26		
3	64QAM	15	0	20.06	20.20	20.17		
3	256QAM	1	0	18.52	18.39	18.52		
3	256QAM	1	8	18.35	18.35	18.51	19.5	2
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18		
3	256QAM	8	4	18.17	18.48	18.35	19.5	2
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.29	20.22	20.24		
1.4	QPSK	1	3	20.27	20.24	20.16		
1.4	QPSK	1	5	20.16	20.20	20.10	21.5	0
1.4	QPSK	3	0	20.20	20.27	20.29		
1.4	QPSK	3	1	20.10	20.21	20.07		
1.4	QPSK	3	3	20.19	20.02	20.08		
1.4	QPSK	6	0	20.16	20.19	20.10	21.5	0
1.4	16QAM	1	0	20.15	20.13	20.15		
1.4	16QAM	1	3	20.06	20.17	20.29		
1.4	16QAM	1	5	20.09	20.13	20.17	21.5	0
1.4	16QAM	3	0	20.27	20.14	20.28		
1.4	16QAM	3	1	20.10	20.20	20.07		
1.4	16QAM	3	3	20.04	20.00	20.15		
1.4	16QAM	6	0	20.21	20.19	20.25	21.5	0
1.4	64QAM	1	0	20.15	20.30	19.99		
1.4	64QAM	1	3	19.97	20.01	20.09		
1.4	64QAM	1	5	20.19	20.20	20.20	21.5	0
1.4	64QAM	3	0	20.31	20.30	20.28		
1.4	64QAM	3	1	20.30	20.27	20.08		
1.4	64QAM	3	3	20.13	20.29	19.97		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	0
1.4	256QAM	1	0	18.59	18.47	18.60		
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42	19.5	2
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.46	19.5	2

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.78	21.84	21.82		
20	QPSK	1	49	21.61	21.79	21.62	23	0
20	QPSK	1	99	21.82	21.78	21.77		
20	QPSK	50	0	21.76	21.82	21.74		
20	QPSK	50	24	21.78	21.80	21.70	23	0
20	QPSK	50	50	21.63	21.66	21.67		
20	QPSK	100	0	21.66	21.79	21.77		
20	16QAM	1	0	21.68	21.60	21.82		
20	16QAM	1	49	21.79	21.59	21.78	23	0
20	16QAM	1	99	21.59	21.61	21.58		
20	16QAM	50	0	21.37	21.42	21.39		
20	16QAM	50	24	21.42	21.45	21.35	22.5	0.5
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68		
20	64QAM	1	49	21.43	21.40	21.58	22.5	0.5
20	64QAM	1	99	21.60	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64		
20	64QAM	50	24	20.42	20.55	20.60	21.5	1.5
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52		
20	256QAM	1	49	18.60	18.63	18.56	19.5	3.5
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59		
20	256QAM	50	24	18.55	18.49	18.43	19.5	3.5
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.64	21.66	21.62		
15	QPSK	1	37	21.42	21.60	21.50	23	0
15	QPSK	1	74	21.65	21.62	21.60		
15	QPSK	36	0	21.62	21.73	21.58		
15	QPSK	36	20	21.72	21.69	21.51	23	0
15	QPSK	36	39	21.45	21.52	21.59		
15	QPSK	75	0	21.52	21.72	21.69		
15	16QAM	1	0	21.58	21.54	21.69		
15	16QAM	1	37	21.62	21.54	21.66	23	0
15	16QAM	1	74	21.39	21.45	21.38		
15	16QAM	36	0	21.30	21.35	21.21		
15	16QAM	36	20	21.29	21.40	21.16	22.5	0.5
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51		
15	64QAM	1	37	21.27	21.34	21.41	22.5	0.5
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44		
15	64QAM	36	20	20.24	20.46	20.43	21.5	1.5
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44		
15	256QAM	1	37	18.41	18.59	18.49	19.5	3.5
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44		
15	256QAM	36	20	18.45	18.40	18.34	19.5	3.5
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.71	21.69	21.64		
10	QPSK	1	25	21.45	21.72	21.45	23	0
10	QPSK	1	49	21.78	21.71	21.57		
10	QPSK	25	0	21.58	21.78	21.69		
10	QPSK	25	12	21.72	21.67	21.51	23	0
10	QPSK	25	25	21.53	21.47	21.61		
10	QPSK	50	0	21.59	21.62	21.66		
10	16QAM	1	0	21.59	21.53	21.74		
10	16QAM	1	25	21.67	21.39	21.65	23	0
10	16QAM	1	49	21.41	21.46	21.53		
10	16QAM	25	0	21.18	21.32	21.24		
10	16QAM	25	12	21.28	21.36	21.22	22.5	0.5
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60		
10	64QAM	1	25	21.37	21.25	21.45	22.5	0.5
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49		
10	64QAM	25	12	20.32	20.44	20.46	21.5	1.5
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38		
10	256QAM	1	25	18.45	18.49	18.41	19.5	3.5
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53		
10	256QAM	25	12	18.37	18.39	18.27	19.5	3.5
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.60	21.72	21.67		
5	QPSK	1	12	21.53	21.70	21.44	23	0
5	QPSK	1	24	21.68	21.73	21.63		
5	QPSK	12	0	21.63	21.68	21.58		
5	QPSK	12	7	21.72	21.74	21.54	23	0
5	QPSK	12	13	21.57	21.50	21.58		
5	QPSK	25	0	21.60	21.73	21.58		
5	16QAM	1	0	21.57	21.48	21.67		
5	16QAM	1	12	21.62	21.43	21.63	23	0
5	16QAM	1	24	21.45	21.52	21.42		
5	16QAM	12	0	21.18	21.29	21.31		
5	16QAM	12	7	21.27	21.28	21.30	22.5	0.5
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58		
5	64QAM	1	12	21.29	21.29	21.42	22.5	0.5
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53		
5	64QAM	12	7	20.22	20.43	20.41	21.5	1.5
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43		
5	256QAM	1	12	18.43	18.53	18.46	19.5	3.5
5	256QAM	1	24	18.43	18.24	18.46		
5	256QAM	12	0	18.48	18.31	18.45		
5	256QAM	12	7	18.49	18.40	18.36	19.5	3.5
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.59	21.77	21.72		
3	QPSK	1	8	21.48	21.67	21.42	23	0
3	QPSK	1	14	21.70	21.63	21.62		
3	QPSK	8	0	21.65	21.63	21.54		
3	QPSK	8	4	21.61	21.65	21.58	23	0
3	QPSK	8	7	21.53	21.59	21.50		
3	QPSK	15	0	21.53	21.65	21.65		
3	16QAM	1	0	21.55	21.55	21.63		
3	16QAM	1	8	21.60	21.51	21.59	23	0
3	16QAM	1	14	21.54	21.51	21.41		
3	16QAM	8	0	21.26	21.31	21.26		
3	16QAM	8	4	21.35	21.33	21.22	22.5	0.5
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52		
3	64QAM	1	8	21.33	21.21	21.42	22.5	0.5
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55		
3	64QAM	8	4	20.27	20.38	20.42	21.5	1.5
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48		
3	256QAM	1	8	18.41	18.48	18.41	19.5	3.5
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53		
3	256QAM	8	4	18.38	18.29	18.24	19.5	3.5
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.69	21.71	21.73		
1.4	QPSK	1	3	21.53	21.69	21.51		
1.4	QPSK	1	5	21.65	21.72	21.71	23	0
1.4	QPSK	3	0	21.56	21.71	21.68		
1.4	QPSK	3	1	21.66	21.74	21.62		
1.4	QPSK	3	3	21.57	21.60	21.48		
1.4	QPSK	6	0	21.47	21.74	21.71	23	0
1.4	16QAM	1	0	21.63	21.55	21.71		
1.4	16QAM	1	3	21.61	21.43	21.65		
1.4	16QAM	1	5	21.50	21.56	21.53	23	0
1.4	16QAM	3	0	21.62	21.79	21.64		
1.4	16QAM	3	1	21.48	21.66	21.47		
1.4	16QAM	3	3	21.68	21.64	21.70		
1.4	16QAM	6	0	21.10	21.26	21.15	22.5	0.5
1.4	64QAM	1	0	21.27	21.26	21.03		
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09	22.5	0.5
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	1.5
1.4	256QAM	1	0	18.33	18.40	18.41		
1.4	256QAM	1	3	18.56	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60	19.5	3.5
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	3.5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20450	Power Middle Ch. / 20525	Power High Ch. / 20600	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.97	24.03	24.01		
10	QPSK	1	25	23.87	24.00	23.81	25	0
10	QPSK	1	49	24.00	24.02	23.97		
10	QPSK	25	0	23.09	23.16	23.04		
10	QPSK	25	12	23.08	23.05	22.81	24	1
10	QPSK	25	25	22.82	23.06	22.88		
10	QPSK	50	0	23.03	23.06	22.91		
10	16QAM	1	0	23.10	23.36	23.21		
10	16Q

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.16	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.20	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23060	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.90	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.06		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.84	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.84		
3	64QAM	1	0	22.23	22.19	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.85	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.67	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11		25	0
10	QPSK	1	25		24.02			
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15		24	1
10	QPSK	25	12		22.99			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15		24	1
10	16QAM	1	25		23.21			
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14		23	2
10	16QAM	25	12		22.11			
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24		23	2
10	64QAM	1	25		22.19			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15		22	3
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	5
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.98	23.99	23.93	25	0
5	QPSK	1	12	23.94	23.91	23.86		
5	QPSK	1	24	23.67	23.67	23.65		
5	QPSK	12	0	23.01	23.05	23.00	24	1
5	QPSK	12	7	22.88	22.82	22.83		
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02	24	1
5	16QAM	1	12	23.07	23.05	23.01		
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09	23	2
5	16QAM	12	7	21.91	21.94	21.93		
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05	23	2
5	64QAM	1	12	22.00	22.08	22.04		
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05	22	3
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	5
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87	20	5
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.13		25	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09		23	2
10	16QAM	25	12		22.15			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13		23	2
10	64QAM	1	25		22.14			
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09		22	3
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	5
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97	25	0
5	QPSK	1	12	24.05	23.92	23.91		
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94	24	1
5	QPSK	12	7	22.92	22.95	22.85		
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11	24	1
5	16QAM	1	12	22.97	23.10	23.04		
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97	23	2
5	16QAM	12	7	21.98	21.97	22.04		
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09	23	2
5	64QAM	1	12	22.00	22.05	22.01		
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89	22	3
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.08	20	5
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94	20	5
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.44	20.48	20.35	21.5	0
20	QPSK	1	49	20.23	20.25	20.28		
20	QPSK	1	99	20.45	20.30	20.38		
20	QPSK	50	0	20.44	20.46	20.41		
20	QPSK	50	24	20.33	20.35	20.28		
20	QPSK	50	50	20.38	20.36	20.20		
20	QPSK	100	0	20.27	20.41	20.24		
20	16QAM	1	0	20.40	20.21	20.29	21.5	0
20	16QAM	1	49	20.37	20.41	20.44		
20	16QAM	1	99	20.31	20.45	20.39		
20	16QAM	50	0	20.39	20.26	20.25		
20	16QAM	50	24	20.29	20.41	20.35		
20	16QAM	50	50	20.33	20.27	20.30		
20	16QAM	100	0	20.33	20.35	20.30		
20	64QAM	1	0	20.29	20.27	20.44	21.5	0
20	64QAM	1	49	20.35	20.31	20.45		
20	64QAM	1	99	20.41	20.24	20.40		
20	64QAM	50	0	20.27	20.44	20.31		
20	64QAM	50	24	20.35	20.42	20.27		
20	64QAM	50	50	20.37	20.27	20.31		
20	64QAM	100	0	20.44	20.37	20.34		
20	256QAM	1	0	18.52	18.69	18.74	19.5	2
20	256QAM	1	49	18.84	18.70	18.83		
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.52	18.45		
20	256QAM	50	24	18.54	18.66	18.51		
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.28	20.40	20.15	21.5	0
15	QPSK	1	37	20.06	20.08	20.16		
15	QPSK	1	74	20.35	20.11	20.26		
15	QPSK	36	0	20.39	20.34	20.22		
15	QPSK	36	20	20.25	20.21	20.11		
15	QPSK	36	39	20.26	20.17	20.09		
15	QPSK	75	0	20.18	20.35	20.10		
15	16QAM	1	0	20.21	20.02	20.18	21.5	0
15	16QAM	1	37	20.30	20.34	20.35		
15	16QAM	1	74	20.23	20.35	20.33		
15	16QAM	36	0	20.32	20.21	20.13		
15	16QAM	36	20	20.13	20.22	20.30		
15	16QAM	36	39	20.19	20.19	20.26		
15	16QAM	75	0	20.18	20.22	20.14		
15	64QAM	1	0	20.22	20.22	20.35	21.5	0
15	64QAM	1	37	20.23	20.21	20.37		
15	64QAM	1	74	20.33	20.10	20.35		
15	64QAM	36	0	20.18	20.32	20.14		
15	64QAM	36	20	20.22	20.38	20.00		
15	64QAM	36	39	20.30	20.21	20.13		
15	64QAM	75	0	20.26	20.23	20.27		
15	256QAM	1	0	18.38	18.51	18.66	19.5	2
15	256QAM	1	37	18.66	18.53	18.64		
15	256QAM	1	74	18.51	18.43	18.32		
15	256QAM	36	0	18.51	18.39	18.32		
15	256QAM	36	20	18.35	18.59	18.35		
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.38	20.37	20.31	21.5	0
10	QPSK	1	25	20.04	20.05	20.20		
10	QPSK	1	49	20.38	20.19	20.18		
10	QPSK	25	0	20.30	20.40	20.27		
10	QPSK	25	12	20.28	20.23	20.14		
10	QPSK	25	25	20.33	20.25	20.10		
10	QPSK	50	0	20.15	20.27	20.10		
10	16QAM	1	0	20.26	20.02	20.24	21.5	0
10	16QAM	1	25	20.22	20.28	20.32		
10	16QAM	1	49	20.17	20.37	20.24		
10	16QAM	25	0	20.31	20.16	20.16		
10	16QAM	25	12	20.25	20.36	20.16		
10	16QAM	25	25	20.25	20.17	20.17		
10	16QAM	50	0	20.24	20.31	20.24		
10	64QAM	1	0	20.23	20.11	20.25	21.5	0
10	64QAM	1	25	20.28	20.19	20.38		
10	64QAM	1	49	20.31	20.10	20.29		
10	64QAM	25	0	20.13	20.28	20.12		
10	64QAM	25	12	20.29	20.27	20.10		
10	64QAM	25	25	20.29	20.12	20.12		
10	64QAM	50	0	20.31	20.17	20.16		
10	256QAM	1	0	18.47	18.55	18.60	19.5	2
10	256QAM	1	25	18.77	18.65	18.74		
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29		
10	256QAM	25	12	18.45	18.58	18.44		
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.25	20.28	20.21	21.5	0
5	QPSK	1	12	20.10	20.09	20.16		
5	QPSK	1	24	20.35	20.24	20.19		
5	QPSK	12	0	20.32	20.31	20.30		
5	QPSK	12	7	20.17	20.29	20.15		
5	QPSK	12	13	20.33	20.18	20.08		
5	QPSK	25	0	20.07	20.21	20.13		
5	16QAM	1	0	20.24	20.17	20.23	21.5	0
5	16QAM	1	12	20.18	20.31	20.28		
5	16QAM	1	24	20.18	20.34	20.24		
5	16QAM	12	0	20.35	20.16	20.11		
5	16QAM	12	7	20.13	20.28	20.31		
5	16QAM	12	13	20.18	20.21	20.23		
5	16QAM	25	0	20.19	20.23	20.14		
5	64QAM	1	0	20.22	20.21	20.37	21.5	0
5	64QAM	1	12	20.22	20.24	20.33		
5	64QAM	1	24	20.26	20.18	20.21		
5	64QAM	12	0	20.20	20.36	20.21		
5	64QAM	12	7	20.23	20.38	20.03		
5	64QAM	12	13	20.21	20.15	20.19		
5	64QAM	25	0	20.28	20.30	20.27		
5	256QAM	1	0	18.47	18.56	18.66	19.5	2
5	256QAM	1	12	18.69	18.50	18.66		
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35		
5	256QAM	12	7	18.48	18.51	18.41		
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.39	20.30	20.28	21.5	0
3	QPSK	1	8	20.06	20.05	20.22		
3	QPSK	1	14	20.40	20.21	20.31		
3	QPSK	8	0	20.32	20.39	20.33		
3	QPSK	8	4	20.24	20.16	20.16		
3	QPSK	8	7	20.29	20.31	20.08		
3	QPSK	15	0	20.21	20.25	20.14		
3	16QAM	1	0	20.36	20.13	20.19	21.5	0
3	16QAM	1	8	20.24	20.37	20.36		
3	16QAM	1	14	20.25	20.26	20.28		
3	16QAM	8	0	20.20	20.13	20.09		
3	16QAM	8	4	20.20	20.29	20.16		
3	16QAM	8	7	20.15	20.21	20.12		
3	16QAM	15	0	20.18	20.25	20.15		
3	64QAM	1	0	20.19	20.20	20.26	21.5	0
3	64QAM	1	8	20.30	20.13	20.38		
3	64QAM	1	14	20.34	20.10	20.33		
3	64QAM	8	0	20.22	20.37	20.17	21.5	0
3	64QAM	8	4	20.28	20.35	20.03		
3	64QAM	8	7	20.32	20.09	20.26		
3	64QAM	15	0	20.25	20.21	20.19		
3	256QAM	1	0	18.46	18.56	18.58	19.5	2
3	256QAM	1	8	18.77	18.59	18.73		
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29	19.5	2
3	256QAM	8	4	18.46	18.50	18.45		
3	256QAM	8	7	18.37	18.50	18.21		
3	256QAM	15	0	18.31	18.36	18.45		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
				26765	26965	27165		
				Frequency (MHz)				
				821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82		
15	QPSK	1	37	23.75	23.91	23.67	25	0
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78		
15	QPSK	36	20	22.74	22.95	22.95	24	1
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.78	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06		
15	16QAM	1	37	23.03	22.87	22.92	24	1
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.93	21.89	21.73		
15	16QAM	36	20	21.83	21.88	21.72	23	2
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24		
15	64QAM	1	37	22.11	22.19	22.20	23	2
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87		
15	64QAM	36	20	21.07	21.01	21.04	22	3
15	64QAM	36	39	21.00	20.79	20.99		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12		
15	256QAM	1	37	18.98	19.16	19.18	20	5
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.63	18.65		
15	256QAM	36	20	18.46	18.79	18.59	20	5
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
				26740	26965	27190	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.65		
10	QPSK	1	25	23.57	23.87	23.48	25	0
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.58		
10	QPSK	25	12	22.64	22.84	22.85	24	1
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99		
10	16QAM	1	25	22.90	22.79	22.83	24	1
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.63		
10	16QAM	25	12	21.75	21.84	21.54	23	2
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.66	21.85		
10	64QAM	1	0	22.18	22.07	22.07		
10	64QAM	1	25	21.97	22.10	22.12	23	2
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71		
10	64QAM	25	12	20.98	20.96	20.96	22	3
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94		
10	256QAM	1	25	18.85	19.04	19.05	20	5
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57		
10	256QAM	25	12	18.35	18.68	18.39	20	5
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
				26715	26965	27215	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64		
5	QPSK	1	12	23.58	23.85	23.51	25	0
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68		
5	QPSK	12	7	22.56	22.87	22.81	24	1
5	QPSK	12	13	22.78	22.88	22.69		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00		
5	16QAM	1	12	22.91	22.78	22.84	24	1
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.67		
5	16QAM	12	7	21.74	21.79	21.55	23	2
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12		
5	64QAM	1	12	22.04	22.06	22.09	23	2
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67		
5	64QAM	12	7	21.01	20.90	20.98	22	3
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06		
5	256QAM	1	12	18.79	19.05	19.11	20	5
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61		
5	256QAM	12	7	18.34	18.71	18.41	20	5
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
				26715	26965	27215	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69		
3	QPSK	1	8	23.66	23.80	23.55	25	0
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.61		
3	QPSK	8	4	22.69	22.81	22.77	24	1
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97		
3	16QAM	1	8	22.93	22.71	22.81	24	1
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.65		
3	16QAM	8	4	21.74	21.74	21.64	23	2
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.62	21.65	21.92		
3	64QAM	1	0	22.19	22.13	22.19		
3	64QAM	1	8	22.04	22.10	22.15	23	2
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72		
3	64QAM	8	4	20.93	20.86	20.89	22	3
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96		
3	256QAM	1	8	18.87	19.04	19.00	20	5
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60		
3	256QAM	8	4	18.40	18.65	18.31	20	5
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
				26697	26965	27233	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				814.7	831.5	848.3		
1.4	QPSK	1	0	23.74	23.85	23.63		
1.4	QPSK	1	3	23.64	23.87	23.55		
1.4	QPSK	1	5	23.64	23.86	23.79	25	0
1.4	QPSK	3	0	23.69	23.79	23.73		
1.4	QPSK	3	1	23.56	23.80	23.59		
1.4	QPSK	3	3	23.56	23.84	23.76		
1.4	QPSK	6	0	22.52	22.89	22.45	24	1
1.4	16QAM	1	0	22.60	22.75	22.69		
1.4	16QAM	1	3	22.58	22.68	22.69		
1.4	16QAM	1	5	22.40	22.86	22.75	24	1
1.4	16QAM	3	0	22.53	22.75	22.87		
1.4	16QAM	3	1	22.85	22.60	22.76		
1.4	16QAM	3	3	22.97	22.84	22.70		
1.4	16QAM	6	0	21.68	21.68	21.56	23	2
1.4	64QAM	1	0	21.69	21.70	21.48		
1.4	64QAM	1	3	21.43	21.59	21.89		
1.4	64QAM	1	5	21.55	21.58	21.73	23	2
1.4	64QAM	3	0	22.07	21.93	22.09		
1.4	64QAM	3	1	21.90	21.94	22.07		
1.4	64QAM	3	3	21.97	21.90	21.95		
1.4	64QAM	6	0	20.66	20.60	20.53	22	3
1.4	256QAM	1	0	18.92	18.91	19.07		
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11	20	5
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
				132072	132322	132572		
				Frequency (MHz)				
				1720	1745	1770		
20	QPSK	1	0	21.81	21.85	21.70		
20	QPSK	1	49	21.80	21.76	21.80	23	0
20	QPSK	1	99	21.71	21.63	21.68		
20	QPSK	50	0	21.74	21.83	21.78		
20	QPSK	50	24	21.62	21.63	21.73	23	0
20	QPSK	50	50	21.60	21.62	21.68		
20	QPSK	100	0	21.58	21.81	21.79		
20	16QAM	1	0	21.61	21.61	21.66		
20	16QAM	1	49	21.59	21.80	21.77	23	0
20	16QAM	1	99	21.66	21.83	21.81		
20	16QAM	50	0	21.40	21.33	21.15		
20	16QAM	50	24	21.33	21.30	21.18	22.5	0.5
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.36	21.31	21.46		
20	64QAM	1	49	21.35	21.43	21.14	22.5	0.5
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20		
20	64QAM	50	24	20.45	20.44	20.39	21.5	1.5
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50		
20	256QAM	1	49	18.49	18.67	18.55	19.5	3.5
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.26	18.41	18.31		
20	256QAM	50	24	18.41	18.32	18.38	19.5	3.5
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				1717.5	1745	1772.5		
15	QPSK	1	0	21.68	21.67	21.65		
15	QPSK	1	37	21.74	21.69	21.71	23	0
15	QPSK	1	74	21.60	21.52	21.50		
15	QPSK	36	0	21.64	21.68	21.63		
15	QPSK	36	20	21.47	21.54	21.60	23	0
15	QPSK	36	39	21.47	21.49	21.55		
15	QPSK	75	0	21.41	21.69	21.74		
15	16QAM	1	0	21.45	21.43	21.53		
15	16QAM	1	37	21.41	21.68	21.61	23	0
15	16QAM	1	74	21.48	21.67	21.73		
15	16QAM	36	0	21.30	21.14	21.09		
15	16QAM	36	20	21.16	21.24	21.05	22.5	0.5
15	16QAM	36	39	21.05	21.16	21.31		
15	16QAM	75	0	21.19	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28		
15	64QAM	1	37	21.18	21.32	21.09	22.5	0.5
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07		
15	64QAM	36	20	20.26	20.27	20.23	21.5	1.5
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39		
15	256QAM	1	37	18.43	18.59	18.44	19.5	3.5
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16		
15	256QAM	36	20	18.34	18.27	18.23	19.5	3.5
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				1715	1745	1775		
10	QPSK	1	0	21.66	21.74	21.65		
10	QPSK	1	25	21.71	21.62	21.67	23	0
10	QPSK	1	49	21.66	21.46	21.50		
10	QPSK	25	0	21.64	21.78	21.60		
10	QPSK	25	12	21.43	21.58	21.55	23	0
10	QPSK	25	25	21.50	21.46	21.51		
10	QPSK	50	0	21.40	21.73	21.65		
10	16QAM	1	0	21.56	21.48	21.49		
10	16QAM	1	25	21.48	21.64	21.61	23	0
10	16QAM	1	49	21.54	21.69	21.72		
10	16QAM	25	0	21.20	21.20	21.10		
10	16QAM	25	12	21.27	21.19	21.11	22.5	0.5
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41		
10	64QAM	1	25	21.30	21.29	21.03	22.5	0.5
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13		
10	64QAM	25	12	20.39	20.35	20.33	21.5	1.5
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43		
10	256QAM	1	25	18.30	18.55	18.49	19.5	3.5
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25		
10	256QAM	25	12	18.22	18.23	18.26	19.5	3.5
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				1712.5	1745	1777.5		
5	QPSK	1	0	21.74	21.79	21.51		
5	QPSK	1	12	21.72	21.62	21.67	23	0
5	QPSK	1	24	21.56	21.59	21.49		
5	QPSK	12	0	21.62	21.78	21.65		
5	QPSK	12	7	21.57	21.55	21.59	23	0
5	QPSK	12	13	21.54	21.47	21.61		
5	QPSK	25	0	21.42	21.72	21.73		
5	16QAM	1	0	21.45	21.48	21.46		
5	16QAM	1	12	21.39	21.62	21.73	23	0
5	16QAM	1	24	21.47	21.64	21.76		
5	16QAM	12	0	21.28	21.13	21.06		
5	16QAM	12	7	21.24	21.18	21.09	22.5	0.5
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37		
5	64QAM	1	12	21.19	21.36	20.97	22.5	0.5
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13		
5	64QAM	12	7	20.39	20.30	20.24	21.5	1.5
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44		
5	256QAM	1	12	18.42	18.63	18.49	19.5	3.5
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24		
5	256QAM	12	7	18.38	18.16	18.30	19.5	3.5
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				1711.5	1745	1778.5		
3	QPSK	1	0	21.61	21.75	21.58		
3	QPSK	1	8	21.65	21.70	21.60	23	0
3	QPSK	1	14	21.58	21.48	21.62		
3	QPSK	8	0	21.67	21.74	21.65		
3	QPSK	8	4	21.42	21.44	21.53	23	0
3	QPSK	8	7	21.54	21.57	21.55		
3	QPSK	15	0	21.45	21.71	21.66		
3	16QAM	1	0	21.53	21.54	21.53		
3	16QAM	1	8	21.46	21.64	21.60	23	0
3	16QAM	1	14	21.49	21.64	21.77		
3	16QAM	8	0	21.34	21.29	21.09		
3	16QAM	8	4	21.15	21.19	21.12	22.5	0.5
3	16QAM	8	7	21.09	21.28	21.25		
3	16QAM	15	0	21.07	21.03	21.15		
3	64QAM	1	0	21.23	21.20	21.37		
3	64QAM	1	8	21.19	21.36	21.10	22.5	0.5
3	64QAM	1	14	21.21	21.36	21.05		
3	64QAM	8	0	20.24	20.26	20.13		
3	64QAM	8	4	20.31	20.40	20.28	21.5	1.5
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.36		
3	256QAM	1	8	18.38	18.50	18.41	19.5	3.5
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19		
3	256QAM	8	4	18.37	18.13	18.30	19.5	3.5
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.66	21.71	21.50		
1.4	QPSK	1	3	21.76	21.57	21.67		
1.4	QPSK	1	5	21.67	21.47	21.58	23	0
1.4	QPSK	3	0	21.56	21.66	21.72		
1.4	QPSK	3	1	21.52	21.59	21.59		
1.4	QPSK	3	3	21.49	21.51	21.63		
1.4	QPSK	6	0	21.40	21.70	21.66	23	0
1.4	16QAM	1	0	21.50	21.56	21.53		
1.4	16QAM	1	3	21.54	21.63	21.70		
1.4	16QAM	1	5	21.54	21.79	21.76	23	0
1.4	16QAM	3	0	21.62	21.66	21.56		
1.4	16QAM	3	1	21.68	21.71	21.72		
1.4	16QAM	3	3	21.59	21.46	21.64		
1.4	16QAM	6	0	21.26	21.17	20.99	22.5	0.5
1.4	64QAM	1	0	21.06	21.11	21.00		
1.4	64QAM	1	3	21.00	21.23	21.21		
1.4	64QAM	1	5	20.96	20.88	21.02	22.5	0.5
1.4	64QAM	3	0	21.09	21.05	21.23		
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	1.5
1.4	256QAM	1	0	18.35	18.36	18.31		
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39	19.5	3.5
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
				133222	133297	133372		
				Frequency (MHz)				
				673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65		
20	QPSK	1	49	23.70	23.65	23.62	25	0
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70		
20	QPSK	50	24	22.66	22.79	22.60	24	1
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10		
20	16QAM	1	49	23.17	23.06	23.13	24	1
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67		
20	16QAM	50	24	21.72	21.70	21.91	23	2
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.28	22.11	22.25		
20	64QAM	1	49	22.02	21.98	21.96	23	2
20	64QAM	1	99	21.99	22.10	22.18		
20	64QAM	50	0	20.93	20.76	20.78		
20	64QAM	50	24	20.90	20.85	20.71	22	3
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90		
20	256QAM	1	49	18.87	18.88	19.00	20	5
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74		
20	256QAM	50	24	18.80	18.89	18.98	20	5
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)				
				670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.63	23.48		
15	QPSK	1	37	23.66	23.59	23.44	25	0
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.65	22.57		
15	QPSK	36	20	22.49	22.65	22.42	24	1
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.65	22.51		
15	16QAM	1	0	22.66	22.99	22.94		
15	16QAM	1	37	23.08	22.99	23.02	24

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.99	23.15	23.12	24	0
20	QPSK	1	49	22.97	23.09	22.88		
20	QPSK	1	99	22.97	23.06	22.89		
20	QPSK	50	0	22.25	22.29	22.09	23	1
20	QPSK	50	24	21.97	22.22	22.08		
20	QPSK	50	50	22.18	22.24	22.13		
20	QPSK	100	0	22.10	22.27	21.98		
20	16QAM	1	0	21.98	22.04	22.12	23	1
20	16QAM	1	49	22.07	21.97	21.89		
20	16QAM	1	99	22.09	22.02	22.00		
20	16QAM	50	0	21.36	21.26	21.33	22	2
20	16QAM	50	24	21.14	21.16	21.35		
20	16QAM	50	50	21.40	21.19	21.26		
20	16QAM	100	0	21.11	21.28	21.31		
20	64QAM	1	0	21.24	21.21	21.37	22	2
20	64QAM	1	49	21.36	21.08	21.22		
20	64QAM	1	99	21.37	21.03	21.06		
20	64QAM	50	0	20.16	20.26	20.40	21	3
20	64QAM	50	24	20.17	20.23	20.30		
20	64QAM	50	50	20.32	20.19	20.40		
20	64QAM	100	0	20.12	20.31	20.28		
20	256QAM	1	0	18.22	18.13	18.08	19	5
20	256QAM	1	49	18.10	17.96	18.28		
20	256QAM	1	99	18.11	18.20	18.22		
20	256QAM	50	0	18.05	18.19	18.32	19	5
20	256QAM	50	24	18.21	18.20	18.22		
20	256QAM	50	50	18.04	18.15	18.05		
20	256QAM	100	0	18.20	18.19	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.85	22.95	22.97	24	0
15	QPSK	1	37	22.92	22.90	22.82		
15	QPSK	1	74	22.89	22.92	22.70		
15	QPSK	36	0	22.20	22.17	21.93	23	1
15	QPSK	36	20	21.79	22.15	21.99		
15	QPSK	36	39	22.00	22.16	22.04		
15	QPSK	75	0	21.96	22.11	21.83		
15	16QAM	1	0	21.81	21.87	22.01	23	1
15	16QAM	1	37	21.91	21.92	21.76		
15	16QAM	1	74	21.97	21.89	21.82		
15	16QAM	36	0	21.31	21.12	21.19	22	2
15	16QAM	36	20	20.96	21.10	21.28		
15	16QAM	36	39	21.36	21.01	21.18		
15	16QAM	75	0	20.95	21.13	21.22		
15	64QAM	1	0	21.11	21.05	21.24	22	2
15	64QAM	1	37	21.28	20.96	21.05		
15	64QAM	1	74	21.23	20.94	20.87		
15	64QAM	36	0	20.02	20.19	20.23	21	3
15	64QAM	36	20	20.09	20.18	20.24		
15	64QAM	36	39	20.25	20.13	20.31		
15	64QAM	75	0	19.97	20.20	20.10		
15	256QAM	1	0	18.09	18.06	17.96	19	5
15	256QAM	1	37	18.04	17.77	18.17		
15	256QAM	1	74	17.92	18.11	18.18		
15	256QAM	36	0	17.94	18.11	18.22	19	5
15	256QAM	36	20	18.13	18.04	18.13		
15	256QAM	36	39	17.91	18.05	17.93		
15	256QAM	75	0	18.07	18.12	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	23.10	23.03	24	0
10	QPSK	1	25	22.85	23.00	22.70		
10	QPSK	1	49	22.81	22.99	22.74		
10	QPSK	25	0	22.14	22.14	21.97	23	1
10	QPSK	25	12	21.92	22.03	21.92		
10	QPSK	25	25	22.08	22.14	22.02		
10	QPSK	50	0	21.96	22.22	21.84		
10	16QAM	1	0	21.86	21.96	21.94	23	1
10	16QAM	1	25	22.00	21.88	21.70		
10	16QAM	1	49	21.89	21.94	21.86		
10	16QAM	25	0	21.25	21.19	21.24	22	2
10	16QAM	25	12	21.08	20.97	21.21		
10	16QAM	25	25	21.35	21.07	21.14		
10	16QAM	50	0	21.05	21.20	21.26		
10	64QAM	1	0	21.04	21.06	21.31	22	2
10	64QAM	1	25	21.29	20.90	21.10		
10	64QAM	1	49	21.19	20.90	20.91		
10	64QAM	25	0	20.06	20.18	20.23	21	3
10	64QAM	25	12	20.05	20.18	20.11		
10	64QAM	25	25	20.15	20.11	20.20		
10	64QAM	50	0	19.92	20.12	20.19		
10	256QAM	1	0	18.14	18.02	17.92	19	5
10	256QAM	1	25	18.06	17.83	18.14		
10	256QAM	1	49	18.02	18.08	18.06		
10	256QAM	25	0	17.85	18.10	18.13	19	5
10	256QAM	25	12	18.17	18.14	18.11		
10	256QAM	25	25	18.00	18.02	17.90		
10	256QAM	50	0	18.13	18.05	18.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.85	23.09	23.05	24	0
5	QPSK	1	12	22.90	23.01	22.75		
5	QPSK	1	24	22.90	22.87	22.80		
5	QPSK	12	0	22.11	22.23	22.02	23	1
5	QPSK	12	7	21.89	22.09	21.90		
5	QPSK	12	13	22.08	22.12	21.94		
5	QPSK	25	0	21.90	22.11	21.86		
5	16QAM	1	0	21.90	21.89	21.94	23	1
5	16QAM	1	12	21.94	21.83	21.71		
5	16QAM	1	24	21.93	21.86	21.80		
5	16QAM	12	0	21.19	21.09	21.22	22	2
5	16QAM	12	7	21.09	21.04	21.15		
5	16QAM	12	13	21.32	21.07	21.22		
5	16QAM	25	0	21.01	21.20	21.24		
5	64QAM	1	0	21.07	21.05	21.25	22	2
5	64QAM	1	12	21.22	20.88	21.17		
5	64QAM	1	24	21.27	20.93	20.91		
5	64QAM	12	0	20.01	20.16	20.31	21	3
5	64QAM	12	7	20.13	20.17	20.12		
5	64QAM	12	13	20.13	19.99	20.36		
5	64QAM	25	0	20.07	20.14	20.12		
5	256QAM	1	0	18.15	17.95	18.01	19	5
5	256QAM	1	12	17.92	17.81	18.22		
5	256QAM	1	24	18.02	18.04	18.05		
5	256QAM	12	0	17.89	18.05	18.26	19	5
5	256QAM	12	7	18.11	18.14	18.12		
5	256QAM	12	13	17.99	18.05	17.88		
5	256QAM	25	0	18.08	18.10	18.12		

LTE Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	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	22.96	23.02	23.14	23.05	23.06	24	0
20	QPSK	1	49	22.85	22.93	23.03	22.93	22.83		
20	QPSK	1	99	22.95	22.84	23.09	22.91	23.12		
20	QPSK	50	0	22.19	22.23	22.26	22.20	22.13	23	1
20	QPSK	50	24	22.23	22.25	22.18	22.22	22.04		
20	QPSK	50	50	22.03	22.18	22.15	21.99	22.14		
20	QPSK	100	0	22.16	22.08	22.24	22.19	22.19		
20	16QAM	1	0	22.02	22.07	22.12	22.19	21.88	23	1
20	16QAM	1	49	21.95	22.21	22.29	21.98	22.14		
20	16QAM	1	99	22.01	22.28	22.00	22.13	22.28		
20	16QAM	50	0	21.03	21.19	21.18	21.10	21.17	22	2
20	16QAM	50	24	21.35	21.06	21.13	21.20	21.31		
20	16QAM	50	50	21.30	21.24	21.28	21.35	21.31		
20	16QAM	100	0	21.20	21.30	21.30	21.16	21.09		
20	64QAM	1	0	21.15	21.27	21.15	21.09	21.11	22	2
20	64QAM	1	49	20.98	20.97	21.09	21.16	21.17		
20	64QAM	1	99	21.00	21.06	21.29	21.14	21.27		
20	64QAM	50	0	20.08	20.07	20.19	20.30	20.35	21	3
20	64QAM	50	24	20.22	20.31	20.28	20.10	20.33		
20	64QAM	50	50	20.25	20.10	20.34	20.21	20.26		
20	64QAM	100	0	20.08	20.33	20.20	20.25	20.07		
20	256QAM	1	0	18.16	18.33	18.21	18.08	18.12	19	5
20	256QAM	1	49	18.28	18.16	18.29	18.30	18.24		
20	256QAM	1	99	18.24	18.08	18.19	18.12	18.29		
20	256QAM	50	0	17.99	18.01	18.14	18.13	18.10	19	5
20	256QAM	50	24	18.14	17.97	18.00	18.08	18.11		
20	256QAM	50	50	18.12	18.13	18.00	17.98	18.16		
20	256QAM	100	0	18.30	18.22	18.20	18.31	18.17		
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	22.84	22.88	23.02	22.89	22.88	24.00	0
15	QPSK	1	37	22.74	22.79	22.97	22.74	22.68		
15	QPSK	1	74	22.77	22.67	22.94	22.73	23.05		
15	QPSK	36	0	21.99	22.19	22.13	22.01	22.04	23	1
15	QPSK	36	20	22.16	22.14	22.01	22.13	21.96		
15	QPSK	36	39	21.93	22.10	22.03	21.91	22.08		
15	QPSK	75	0	21.99	21.99	22.15	22.10	22.05		
15	16QAM	1	0	21.86	21.95	21.95	22.07	21.84	23	1
15	16QAM	1	37	21.89	22.05	22.16	21.88	22.05		
15	16QAM	1	74	21.88	22.17	21.87	22.06	22.17		
15	16QAM	36	0	20.84	21.05	21.11	21.01	21.07	22	2
15	16QAM	36	20	21.16	20.86	20.96	21.09	21.25		
15	16QAM	36	39	21.24	21.08	21.11	21.18	21.21		
15	16QAM	75	0	21.16	21.20	21.22	20.99	20.90		
15	64QAM	1	0	21.08	21.15	21.03	20.93	20.97	22	2
15	64QAM	1	37	20.85	20.81	20.92	21.02	21.01		
15	64QAM	1	74	20.96	20.88	21.18	21.03	21.11		
15	64QAM	36	0	19.92	19.92	20.07	20.10	20.19	21	3
15	64QAM	36	20	20.15	20.25	20.14	19.99	20.29		
15	64QAM	36	39	20.13	19.93	20.23	20.02	20.19		
15	64QAM	75	0	19.91	20.13	20.07	20.08	19.97		
15	256QAM	1	0	18.09	18.16	18.03	17.92	18.07	19	5
15	256QAM	1	37	18.20	18.10	18.17	18.12	18.19		
15	256QAM	1	74	18.11	17.94	18.00	17.93	18.14		
15	256QAM	36	0	17.84	17.95	17.95	18.01	18.00	19	5
15	256QAM	36	20	18.02	17.90	17.89	18.02	18.01		
15	256QAM	36	39	17.98	18.07	17.93	17.89	18.11		
15	256QAM	75	0	18.16	18.09	18.06	18.13	18.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.84	22.97	23.08	22.87	22.92	24.00	0
10	QPSK	1	25	22.78	22.73	22.99	22.87	22.68		
10	QPSK	1	49	22.82	22.66	23.01	22.87	23.08		
10	QPSK	25	0	22.13	22.07	22.10	22.04	22.08	23	1
10	QPSK	25	12	22.06	22.20	22.10	22.13	21.84		
10	QPSK	25	25	21.87	22.12	21.99	21.90	22.06		
10	QPSK	50	0	22.11	21.92	22.09	22.03	22.05		
10	16QAM	1	0	21.83	21.91	22.01	22.14	21.78	23	1
10	16QAM	1	25	21.89	22.15	22.21	21.86	21.94		
10	16QAM	1	49	21.86	22.10	21.96	21.95	22.18		
10	16QAM	25	0	20.91	21.07	21.09	20.93	21.05	22	2
10	16QAM	25	12	21.30	20.95	20.97	21.00	21.14		
10	16QAM	25	25	21.17	21.17	21.19	21.17	21.18		
10	16QAM	50	0	21.03	21.11	21.20	21.00	21.04		
10	64QAM	1	0	21.03	21.19	21.10	20.95	21.04	22	2
10	64QAM	1	25	20.81	20.85	20.94	21.01	21.01		
10	64QAM	1	49	20.89	20.93	21.11	21.05	21.08		
10	64QAM	25	0	19.90	19.95	20.05	20.16	20.16	21	3
10	64QAM	25	12	20.08	20.11	20.08	20.01	20.26		
10	64QAM	25	25	20.19	20.06	20.22	20.12	20.17		
10	64QAM	50	0	19.98	20.21	20.06	20.05	19.93		
10	256QAM	1	0	18.09	18.28	18.06	17.91	18.00	19	5
10	256QAM	1	25	18.13	18.01	18.13	18.15	18.11		
10	256QAM	1	49	18.16	17.98	17.99	18.08	18.18		
10	256QAM	25	0	17.86	17.95	17.97	17.99	17.92	19	5
10	256QAM	25	12	18.08	17.89	17.93	17.90	18.07		
10	256QAM	25	25	17.93	18.08	17.91	17.83	17.98		
10	256QAM	50	0	18.19	18.05	18.08	18.17	18.10		
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	22.80	22.97	23.06	22.96	22.89	24.00	0
5	QPSK	1	12	22.72	22.79	22.91	22.81	22.67		
5	QPSK	1	24	22.90	22.67	22.97	22.85	22.92		
5	QPSK	12	0	22.06	22.10	22.19	22.14	21.97	23	1
5	QPSK	12	7	22.13	22.17	22.08	22.09	21.95		
5	QPSK	12	13	21.88	22.07	22.11	21.95	21.97		
5	QPSK	25	0	22.06	21.90	22.05	21.99	22.11		
5	16QAM	1	0	21.88	22.02	22.04	22.05	21.75	23	1
5	16QAM	1	12	21.75	22.12	22.25	21.78	22.07		
5	16QAM	1	24	21.88	22.21	21.82	22.06	22.17		
5	16QAM	12	0	20.89	21.11	21.09	20.93	21.01	22	2
5	16QAM	12	7	21.18	20.88	21.04	21.12	21.27		
5	16QAM	12	13	21.19	21.12	21.09	21.29	21.23		
5	16QAM	25	0	21.08	21.19	21.10	21.08	21.02		
5	64QAM	1	0	21.10	21.10	20.97	20.95	20.98	22	2
5	64QAM	1	12	20.89	20.89	20.93	21.04	21.09		
5	64QAM	1	24	20.93	20.95	21.12	21.08	21.23		
5	64QAM	12	0	19.95	19.90	20.13	20.25	20.28	21	3
5	64QAM	12	7	20.14	20.13	20.11	20.04	20.22		
5	64QAM	12	13	20.10	19.98	20.15	20.14	20.10		
5	64QAM	25	0	20.00	20.17	20.14	20.16	20.00		
5	256QAM	1	0	18.00	18.27	18.11	17.93	17.98	19	5
5	256QAM	1	12	18.13	17.98	18.22	18.22	18.11		
5	256QAM	1	24	18.18	17.91	18.06	17.98	18.20		
5	256QAM	12	0	17.83	17.87	18.09	18.00	17.94	19	5
5	256QAM	12	7	18.08	17.79	17.90	17.98	18.00		
5	256QAM	12	13	17.94	17.93	17.87	17.85	18.01		
5	256QAM	25	0	18.25	18.14	18.10	18.27	18.05		

LTE Band 41_HPUE Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.95	25.98	26.15	26.10	26.01	27	0
20	QPSK	1	49	25.96	25.87	26.04	25.87	25.96		
20	QPSK	1	99	26.08	25.92	26.12	25.92	25.87		
20	QPSK	50	0	25.12	25.17	25.21	25.02	25.08	26	1
20	QPSK	50	24	25.17	24.89	25.14	25.17	24.93		
20	QPSK	50	50	25.12	24.84	25.10	24.86	25.11		
20	QPSK	100	0	25.10	25.05	25.18	24.87	25.17		
20	16QAM	1	0	25.20	25.19	25.28	25.31	25.30	26	1
20	16QAM	1	49	25.35	25.18	25.24	25.37	25.23		
20	16QAM	1	99	25.40	25.37	25.13	25.32	25.13		
20	16QAM	50	0	24.00	24.07	24.07	24.24	24.14	25	2
20	16QAM	50	24	24.20	24.11	24.01	24.21	24.00		
20	16QAM	50	50	23.96	23.90	24.21	24.01	24.21		
20	16QAM	100	0	24.13	24.03	24.12	24.19	23.97		
20	64QAM	1	0	24.43	24.43	24.52	24.46	24.56	25	2
20	64QAM	1	49	24.39	24.61	24.41	24.57	24.61		
20	64QAM	1	99	24.37	24.52	24.50	24.46	24.59		
20	64QAM	50	0	23.16	22.91	23.09	23.07	23.23	24	3
20	64QAM	50	24	23.03	23.14	23.15	23.16	23.25		
20	64QAM	50	50	23.13	23.19	23.11	23.21	22.93		
20	64QAM	100	0	22.94	23.26	22.99	23.24	23.08		
20	256QAM	1	0	21.03	21.08	21.07	21.17	21.15	22	5
20	256QAM	1	49	21.11	21.22	21.17	20.96	21.11		
20	256QAM	1	99	20.92	21.23	21.23	21.06	20.93		
20	256QAM	50	0	20.96	21.12	21.08	21.02	20.96	22	5
20	256QAM	50	24	20.91	21.01	21.01	21.15	20.95		
20	256QAM	50	50	21.02	20.90	20.97	21.08	21.13		
20	256QAM	100	0	21.23	21.25	21.11	21.24	21.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.87	25.80	26.09	25.95	25.84	27.00	0
15	QPSK	1	37	25.87	25.80	25.91	25.71	25.78		
15	QPSK	1	74	25.90	25.77	26.01	25.86	25.79		
15	QPSK	36	0	24.93	24.99	25.14	24.94	24.99	26	1
15	QPSK	36	20	25.03	24.78	24.95	25.01	24.76		
15	QPSK	36	39	24.99	24.71	25.01	24.80	25.04		
15	QPSK	75	0	24.94	24.94	25.13	24.76	25.13		
15	16QAM	1	0	25.12	25.04	25.08	25.25	25.20	26	1
15	16QAM	1	37	25.25	25.02	25.20	25.33	25.08		
15	16QAM	1	74	25.22	25.18	25.07	25.16	25.00		
15	16QAM	36	0	23.92	23.91	23.93	24.13	23.98	25	2
15	16QAM	36	20	24.06	23.96	23.91	24.14	23.91		
15	16QAM	36	39	23.77	23.81	24.13	23.87	24.09		
15	16QAM	75	0	24.03	23.85	23.94	24.10	23.82		
15	64QAM	1	0	24.24	24.24	24.39	24.37	24.41	25	2
15	64QAM	1	37	24.24	24.56	24.23	24.44	24.56		
15	64QAM	1	74	24.19	24.37	24.32	24.42	24.45		
15	64QAM	36	0	23.01	22.82	22.90	22.97	23.13	24	3
15	64QAM	36	20	22.91	22.97	23.01	23.11	23.11		
15	64QAM	36	39	22.99	23.10	23.05	23.02	22.87		
15	64QAM	75	0	22.85	23.21	22.94	23.19	23.02		
15	256QAM	1	0	20.83	20.97	20.88	20.98	21.02	22	5
15	256QAM	1	37	20.93	21.16	21.04	20.86	21.01		
15	256QAM	1	74	20.78	21.11	21.14	20.93	20.76		
15	256QAM	36	0	20.85	20.97	21.00	20.93	20.88	22	5
15	256QAM	36	20	20.76	20.84	20.90	21.01	20.84		
15	256QAM	36	39	20.96	20.75	20.80	20.93	21.06		
15	256QAM	75	0	21.12	21.19	20.97	21.18	21.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.86	26.06	25.92	25.84	27.00	0
10	QPSK	1	25	25.78	25.80	25.93	25.67	25.78		
10	QPSK	1	49	25.95	25.74	25.95	25.79	25.76		
10	QPSK	25	0	24.98	25.01	25.16	24.95	24.99	26	1
10	QPSK	25	12	25.08	24.70	25.10	25.14	24.84		
10	QPSK	25	25	24.98	24.76	24.93	24.78	24.98		
10	QPSK	50	0	24.92	24.88	25.09	24.76	25.12		
10	16QAM	1	0	25.09	25.02	25.21	25.15	25.14	26	1
10	16QAM	1	25	25.18	25.06	25.15	25.29	25.09		
10	16QAM	1	49	25.33	25.19	24.98	25.16	25.02		
10	16QAM	25	0	23.87	24.03	23.98	24.14	24.08	25	2
10	16QAM	25	12	24.04	24.01	23.96	24.04	23.94		
10	16QAM	25	25	23.91	23.75	24.15	23.85	24.02		
10	16QAM	50	0	23.99	23.93	23.97	24.03	23.82		
10	64QAM	1	0	24.27	24.35	24.35	24.39	24.37	25	2
10	64QAM	1	25	24.23	24.53	24.32	24.46	24.47		
10	64QAM	1	49	24.21	24.45	24.34	24.35	24.48		
10	64QAM	25	0	23.00	22.77	22.98	22.97	23.10	24	3
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LTE Band 42
FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.60	22.70	22.59	24	0
20	QPSK	1	49	22.47	22.58	22.53		
20	QPSK	1	99	22.64	22.60	22.58		
20	QPSK	50	0	21.68	21.85	21.62	23	1
20	QPSK	50	24	21.73	21.85	21.56		
20	QPSK	50	50	21.81	21.76	21.54		
20	QPSK	100	0	21.67	21.72	21.68		
20	16QAM	1	0	21.30	21.61	21.63	23	1
20	16QAM	1	49	21.63	21.57	21.71		
20	16QAM	1	99	21.66	21.58	21.66		
20	16QAM	50	0	20.73	20.66	20.67	22	2
20	16QAM	50	24	20.52	20.77	20.70		
20	16QAM	50	50	20.80	20.50	20.72		
20	16QAM	100	0	20.63	20.56	20.56		
20	64QAM	1	0	20.70	20.73	20.79	22	2
20	64QAM	1	49	20.86	20.83	20.66		
20	64QAM	1	99	20.63	20.89	20.89		
20	64QAM	50	0	19.78	19.68	19.55	21	3
20	64QAM	50	24	19.86	19.62	19.73		
20	64QAM	50	50	19.74	19.72	19.59		
20	64QAM	100	0	19.61	19.72	19.62		
20	256QAM	1	0	17.73	17.68	17.77	19	5
20	256QAM	1	49	17.81	17.72	17.48		
20	256QAM	1	99	17.64	17.57	17.55		
20	256QAM	50	0	17.82	17.75	17.78	19	5
20	256QAM	50	24	17.62	17.79	17.59		
20	256QAM	50	50	17.61	17.61	17.70		
20	256QAM	100	0	17.84	17.75	17.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.55	22.62	22.47	24	0
15	QPSK	1	37	22.41	22.49	22.49		
15	QPSK	1	74	22.55	22.51	22.53		
15	QPSK	36	0	21.61	21.71	21.58	23	1
15	QPSK	36	20	21.67	21.74	21.53		
15	QPSK	36	39	21.76	21.74	21.41		
15	QPSK	75	0	21.55	21.61	21.56		
15	16QAM	1	0	21.21	21.54	21.58	23	1
15	16QAM	1	37	21.59	21.50	21.68		
15	16QAM	1	74	21.61	21.50	21.63		
15	16QAM	36	0	20.59	20.54	20.55	22	2
15	16QAM	36	20	20.46	20.66	20.62		
15	16QAM	36	39	20.76	20.47	20.66		
15	16QAM	75	0	20.50	20.51	20.54		
15	64QAM	1	0	20.57	20.67	20.70	22	2
15	64QAM	1	37	20.73	20.76	20.59		
15	64QAM	1	74	20.58	20.82	20.82		
15	64QAM	36	0	19.76	19.61	19.45	21	3
15	64QAM	36	20	19.76	19.57	19.67		
15	64QAM	36	39	19.61	19.63	19.49		
15	64QAM	75	0	19.55	19.59	19.50		
15	256QAM	1	0	17.67	17.61	17.67	19	5
15	256QAM	1	37	17.69	17.64	17.38		
15	256QAM	1	74	17.52	17.48	17.52		
15	256QAM	36	0	17.72	17.63	17.75	19	5
15	256QAM	36	20	17.49	17.70	17.54		
15	256QAM	36	39	17.48	17.51	17.65		
15	256QAM	75	0	17.75	17.72	17.60		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.55	22.65	22.51	24	0
10	QPSK	1	25	22.37	22.50	22.51		
10	QPSK	1	49	22.56	22.56	22.54		
10	QPSK	25	0	21.55	21.73	21.59	23	1
10	QPSK	25	12	21.61	21.73	21.43		
10	QPSK	25	25	21.77	21.70	21.47		
10	QPSK	50	0	21.62	21.63	21.62		
10	16QAM	1	0	21.24	21.48	21.56	23	1
10	16QAM	1	25	21.59	21.50	21.59		
10	16QAM	1	49	21.58	21.52	21.53		
10	16QAM	25	0	20.68	20.57	20.60	22	2
10	16QAM	25	12	20.47	20.63	20.62		
10	16QAM	25	25	20.77	20.38	20.62		
10	16QAM	50	0	20.55	20.50	20.47		
10	64QAM	1	0	20.61	20.63	20.72	22	2
10	64QAM	1	25	20.79	20.70	20.53		
10	64QAM	1	49	20.56	20.82	20.76		
10	64QAM	25	0	19.66	19.55	19.43	21	3
10	64QAM	25	12	19.84	19.58	19.70		
10	64QAM	25	25	19.70	19.60	19.48		
10	64QAM	50	0	19.58	19.68	19.48		
10	256QAM	1	0	17.68	17.62	17.65	19	5
10	256QAM	1	25	17.73	17.67	17.44		
10	256QAM	1	49	17.60	17.49	17.51		
10	256QAM	25	0	17.73	17.68	17.73	19	5
10	256QAM	25	12	17.49	17.68	17.48		
10	256QAM	25	25	17.50	17.57	17.58		
10	256QAM	50	0	17.73	17.65	17.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.48	22.61	22.46	24	0
5	QPSK	1	12	22.44	22.50	22.45		
5	QPSK	1	24	22.55	22.50	22.46		
5	QPSK	12	0	21.58	21.72	21.57	23	1
5	QPSK	12	7	21.67	21.73	21.49		
5	QPSK	12	13	21.77	21.70	21.45		
5	QPSK	25	0	21.54	21.59	21.55		
5	16QAM	1	0	21.27	21.48	21.60	23	1
5	16QAM	1	12	21.56	21.51	21.58		
5	16QAM	1	24	21.56	21.51	21.61		
5	16QAM	12	0	20.68	20.53	20.54	22	2
5	16QAM	12	7	20.49	20.75	20.64		
5	16QAM	12	13	20.78	20.46	20.58		
5	16QAM	25	0	20.56	20.48	20.50		
5	64QAM	1	0	20.66	20.66	20.67	22	2
5	64QAM	1	12	20.81	20.73	20.64		
5	64QAM	1	24	20.55	20.77	20.76		
5	64QAM	12	0	19.68	19.58	19.47	21	3
5	64QAM	12	7	19.77	19.51	19.64		
5	64QAM	12	13	19.65	19.61	19.49		
5	64QAM	25	0	19.54	19.68	19.57		
5	256QAM	1	0	17.59	17.61	17.72	19	5
5	256QAM	1	12	17.75	17.58	17.43		
5	256QAM	1	24	17.58	17.43	17.43		
5	256QAM	12	0	17.69	17.64	17.74	19	5
5	256QAM	12	7	17.57	17.75	17.53		
5	256QAM	12	13	17.48	17.57	17.63		
5	256QAM	25	0	17.80	17.63	17.63		

LTE Band 42 Ant6
FCC (3.5GHz Band) (3450-3550MHz) Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.98	22.95	22.79	24	0
20	QPSK	1	49	22.87	22.81	22.90		
20	QPSK	1	99	22.94	22.68	22.95		
20	QPSK	50	0	21.97	21.84	21.69	23	1
20	QPSK	50	24	21.80	21.78	21.54		
20	QPSK	50	50	21.81	21.81	21.78		
20	QPSK	100	0	21.93	21.78	21.65		
20	16QAM	1	0	21.79	21.73	21.86	23	1
20	16QAM	1	49	21.70	21.70	21.94		
20	16QAM	1	99	21.94	21.86	21.97		
20	16QAM	50	0	20.79	20.82	20.94	22	2
20	16QAM	50	24	20.85	20.75	20.89		
20	16QAM	50	50	20.66	20.67	20.71		
20	16QAM	100	0	20.85	20.72	20.64		
20	64QAM	1	0	20.85	20.70	20.91	22	2
20	64QAM	1	49	20.84	20.78	20.90		
20	64QAM	1	99	21.00	20.82	20.71		
20	64QAM	50	0	19.80	19.76	19.89	21	3
20	64QAM	50	24	19.62	19.83	19.91		
20	64QAM	50	50	19.80	19.65	19.83		
20	64QAM	100	0	19.85	19.92	19.70		
20	256QAM	1	0	17.90	17.97	17.84	19	5
20	256QAM	1	49	17.97	17.91	18.07		
20	256QAM	1	99	18.07	17.87	17.84		
20	256QAM	50	0	17.86	17.70	17.82	19	5
20	256QAM	50	24	17.83	17.92	17.74		
20	256QAM	50	50	17.73	17.79	17.91		
20	256QAM	100	0	17.96	18.03	18.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.93	22.79	22.70	24	0
15	QPSK	1	37	22.76	22.63	22.77		
15	QPSK	1	74	22.83	22.52	22.83		
15	QPSK	36	0	21.74	21.79	21.65	23	1
15	QPSK	36	20	21.63	21.70	21.42		
15	QPSK	36	39	21.74	21.76	21.73		
15	QPSK	75	0	21.66	21.65	21.58		
15	16QAM	1	0	21.69	21.67	21.71	23	1
15	16QAM	1	37	21.61	21.54	21.80		
15	16QAM	1	74	21.84	21.79	21.87		
15	16QAM	36	0	20.71	20.74	20.74	22	2
15	16QAM	36	20	20.66	20.68	20.73		
15	16QAM	36	39	20.61	20.63	20.67		
15	16QAM	75	0	20.79	20.57	20.45		
15	64QAM	1	0	20.72	20.54	20.85	22	2
15	64QAM	1	37	20.73	20.73	20.82		
15	64QAM	1	74	20.87	20.72	20.53		
15	64QAM	36	0	19.66	19.66	19.81	21	3
15	64QAM	36	20	19.48	19.72	19.73		
15	64QAM	36	39	19.73	19.46	19.70		
15	64QAM	75	0	19.80	19.86	19.59		
15	256QAM	1	0	17.85	17.85	17.70	19	5
15	256QAM	1	37	17.87	17.81	17.89		
15	256QAM	1	74	17.70	17.77	17.80		
15	256QAM	36	0	17.73	17.66	17.67	19	5
15	256QAM	36	20	17.72	17.78	17.55		
15	256QAM	36	39	17.58	17.71	17.85		
15	256QAM	75	0	17.91	17.93	17.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.85	22.86	22.72	24	0
10	QPSK	1	25	22.68	22.68	22.72		
10	QPSK	1	49	22.89	22.60	22.83		
10	QPSK	25	0	21.68	21.69	21.65	23	1
10	QPSK	25	12	21.73	21.68	21.36		
10	QPSK	25	25	21.67	21.71	21.60		
10	QPSK	50	0	21.67	21.72	21.49		
10	16QAM	1	0	21.60	21.56	21.74	23	1
10	16QAM	1	25	21.58	21.64	21.84		
10	16QAM	1	49	21.87	21.75	21.86		
10	16QAM	25	0	20.69	20.67	20.87	22	2
10	16QAM	25	12	20.75	20.64	20.83		
10	16QAM	25	25	20.60	20.55	20.57		
10	16QAM	50	0	20.80	20.55	20.58		
10	64QAM	1	0	20.70	20.64	20.87	22	2
10	64QAM	1	25	20.73	20.69	20.81		
10	64QAM	1	49	20.80	20.64	20.52		
10	64QAM	25	0	19.63	19.63	19.78	21	3
10	64QAM	25	12	19.50	19.77	19.75		
10	64QAM	25	25	19.72	19.50	19.73		
10	64QAM	50	0	19.72	19.82	19.51		
10	256QAM	1	0	17.70	17.78	17.66	19	5
10	256QAM	1	25	17.79	17.82	17.95		
10	256QAM	1	49	17.91	17.67	17.75		
10	256QAM	25	0	17.70	17.63	17.72	19	5
10	256QAM	25	12	17.64	17.80	17.62		
10	256QAM	25	25	17.56	17.60	17.82		
10	256QAM	50	0	17.91	17.90	17.93		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.90	22.91	22.70	24	0
5	QPSK	1	12	22.81	22.66	22.82		
5	QPSK	1	24	22.87	22.54	22.85		
5	QPSK	12	0	21.78	21.79	21.57	23	1
5	QPSK	12	7	21.63	21.70	21.43		
5	QPSK	12	13	21.68	21.71	21.63		
5	QPSK	25	0	21.74	21.65	21.47		
5	16QAM	1	0	21.59	21.68	21.70	23	1
5	16QAM	1	12	21.52	21.52	21.76		
5	16QAM	1	24	21.78	21.75	21.92		
5	16QAM	12	0	20.60	20.77	20.86	22	2
5	16QAM	12	7	20.70	20.62	20.77		
5	16QAM	12	13	20.51	20.51	20.65		
5	16QAM	25	0	20.76	20.61	20.50		
5	64QAM	1	0	20.73	20.56	20.87	22	2
5	64QAM	1	12	20.67	20.64	20.82		
5	64QAM	1	24	20.85	20.68	20.52		
5	64QAM	12	0	19.70	19.57	19.71	21	3
5	64QAM	12	7	19.55	19.70	19.86		
5	64QAM	12	13	19.60	19.52	19.64		
5	64QAM	25	0	19.74	19.73	19.64		
5	256QAM	1	0	17.75	17.80	17.69	19	5
5	256QAM	1	12	17.91	17.76	17.94		
5	256QAM	1	24	17.92	17.78	17.76		
5	256QAM	12	0	17.77	17.64	17.76	19	5
5	256QAM	12	7	17.65	17.83	17.62		
5	256QAM	12	13	17.65	17.72	17.82		
5	256QAM	25	0	17.76	17.95	17.90		

LTE Band 43 Ant6
(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44490	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44490	44815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.51		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44490	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.56	22.53	24	0
10	QPSK	1	25	22.46	22.55	22.59		
10	QPSK	1	49	22.61	22.45	22.58		
10	QPSK	25	0	21.67	21.83	21.54	23	1
10	QPSK	25	12	21.61	21.75	21.47		
10	QPSK	25	25	21.67	21.73	21.42		
10	QPSK	50	0	21.69	21.76	21.73		
10	16QAM	1	0	21.26	21.49	21.51	23	1
10	16QAM	1	25	21.58	21.50	21.66		
10	16QAM	1	49	21.63	21.58	21.63		
10	16QAM	25	0	20.79	20.60	20.61	22	2
10	16QAM	25	12	20.53	20.62	20.65		
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67	22	2
10	64QAM	1	25	20.88	20.80	20.67		
10	64QAM	1	49	20.54	20.90	20.80		
10	64QAM	25	0	19.69	19.68	19.53	21	3
10	64QAM	25	12	19.84	19.70	19.67		
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74	19	5
10	256QAM	1	25	17.76	17.67	17.39		
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73	19	5
10	256QAM	25	12	17.62	17.69	17.44		
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44490	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.55	22.54	22.57	24	0
5	QPSK	1	12	22.44	22.56	22.51		
5	QPSK	1	24	22.59	22.52	22.51		
5	QPSK	12	0	21.61	21.75	21.52	23	1
5	QPSK	12	7	21.66	21.82	21.57		
5	QPSK	12	13	21.68	21.70	21.57		
5	QPSK	25	0	21.64	21.77	21.73		
5	16QAM	1	0	21.31	21.56	21.54	23	1
5	16QAM	1	12	21.64	21.48	21.59		
5	16QAM	1	24	21.62	21.56	21.54		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6
FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.72	22.63	22.45	24	0
20	QPSK	1	49	22.55	22.70	22.63	22.59		
20	QPSK	1	99	22.52	22.65	22.48	22.58		
20	QPSK	50	0	21.89	21.92	21.67	21.78	23	1
20	QPSK	50	24	21.81	21.83	21.84	21.70		
20	QPSK	50	50	21.75	21.90	21.89	21.69		
20	QPSK	100	0	21.83	21.88	21.86	21.79		
20	16QAM	1	0	21.59	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.71	21.82	21.51	21.78		
20	16QAM	1	99	21.81	21.74	21.62	21.

Reduced Power Mode for DSI3 ENDC simultaneous

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.36	19.39	19.34	20.5	0
20	QPSK	1	49	19.29	19.37	19.16		
20	QPSK	1	99	19.23	19.31	19.06		
20	QPSK	50	0	19.32	19.35	19.21	20.5	0
20	QPSK	50	24	19.14	19.08	19.17		
20	QPSK	50	50	19.20	19.12	19.07		
20	QPSK	100	0	19.29	19.31	19.16		
20	16QAM	1	0	19.13	19.10	19.09	20.5	0
20	16QAM	1	49	19.13	19.08	19.26		
20	16QAM	1	99	19.15	19.20	19.26		
20	16QAM	50	0	19.24	19.14	19.20	20.5	0
20	16QAM	50	24	19.13	19.16	19.20		
20	16QAM	50	50	19.10	18.98	19.21		
20	16QAM	100	0	19.25	19.08	19.27		
20	64QAM	1	0	19.10	19.34	18.95	20.5	0
20	64QAM	1	49	19.06	19.08	19.18		
20	64QAM	1	99	19.23	19.15	19.24		
20	64QAM	50	0	19.05	19.16	19.19	20.5	0
20	64QAM	50	24	19.15	19.20	19.13		
20	64QAM	50	50	19.24	19.09	19.27		
20	64QAM	100	0	19.00	19.17	19.23		
20	256QAM	1	0	18.88	18.55	18.68	19.5	1
20	256QAM	1	49	18.51	18.52	18.64		
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34	19.5	1
20	256QAM	50	24	18.30	18.55	18.44		
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.22	19.25	19.27	20.5	0
15	QPSK	1	37	19.21	19.19	19.07		
15	QPSK	1	74	19.17	19.24	18.92		
15	QPSK	36	0	19.26	19.20	19.08	20.5	0
15	QPSK	36	20	19.04	18.99	19.05		
15	QPSK	36	39	19.13	19.05	19.00		
15	QPSK	75	0	19.23	19.26	19.05		
15	16QAM	1	0	19.07	19.01	18.94	20.5	0
15	16QAM	1	37	19.01	19.02	19.13		
15	16QAM	1	74	19.06	19.10	19.14		
15	16QAM	36	0	19.19	19.06	19.10	20.5	0
15	16QAM	36	20	19.03	19.05	19.07		
15	16QAM	36	39	19.05	18.85	19.14		
15	16QAM	75	0	19.19	19.02	19.14		
15	64QAM	1	0	19.04	19.23	18.82	20.5	0
15	64QAM	1	37	18.98	19.00	19.11		
15	64QAM	1	74	19.09	19.01	18.98		
15	64QAM	36	0	18.95	19.07	19.08	20.5	0
15	64QAM	36	20	19.02	19.07	19.08		
15	64QAM	36	39	19.10	19.00	19.15		
15	64QAM	75	0	18.88	19.02	19.15		
15	256QAM	1	0	18.59	18.46	18.58	19.5	1
15	256QAM	1	37	18.46	18.45	18.54		
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25	19.5	1
15	256QAM	36	20	18.14	18.38	18.33		
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.25	19.25	19.22	20.5	0
10	QPSK	1	25	19.15	19.13	19.10		
10	QPSK	1	49	19.10	19.26	18.99		
10	QPSK	25	0	19.22	19.23	19.15	20.5	0
10	QPSK	25	12	19.07	18.94	19.07		
10	QPSK	25	25	19.09	19.08	19.02		
10	QPSK	50	0	19.17	19.25	19.08		
10	16QAM	1	0	19.02	19.01	19.02	20.5	0
10	16QAM	1	25	19.08	18.99	19.15		
10	16QAM	1	49	19.09	19.15	19.15		
10	16QAM	25	0	19.18	19.04	19.08	20.5	0
10	16QAM	25	12	19.08	19.10	19.11		
10	16QAM	25	25	19.01	18.91	19.08		
10	16QAM	50	0	19.18	19.01	19.14		
10	64QAM	1	0	19.02	19.24	18.83	20.5	0
10	64QAM	1	25	18.95	18.94	19.04		
10	64QAM	1	49	19.14	19.09	19.17		
10	64QAM	25	0	18.94	19.02	19.09	20.5	0
10	64QAM	25	12	19.07	19.15	18.99		
10	64QAM	25	25	19.13	19.01	19.21		
10	64QAM	50	0	18.86	19.03	19.12		
10	256QAM	1	0	18.52	18.50	18.54	19.5	1
10	256QAM	1	25	18.47	18.48	18.54		
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16	19.5	1
10	256QAM	25	12	18.26	18.49	18.39		
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.24	19.32	19.24	20.5	0
5	QPSK	1	12	19.19	19.17	19.02		
5	QPSK	1	24	19.11	19.18	18.94		
5	QPSK	12	0	19.22	19.21	19.15	20.5	0
5	QPSK	12	7	19.03	18.99	19.04		
5	QPSK	12	13	19.13	18.99	19.00		
5	QPSK	25	0	19.23	19.19	19.07		
5	16QAM	1	0	19.01	18.99	18.94	20.5	0
5	16QAM	1	12	19.06	18.95	19.26		
5	16QAM	1	24	19.08	19.05	19.14		
5	16QAM	12	0	19.18	19.00	19.06	20.5	0
5	16QAM	12	7	19.06	19.02	19.12		
5	16QAM	12	13	18.95	18.85	19.15		
5	16QAM	25	0	19.15	18.96	19.17		
5	64QAM	1	0	19.00	19.25	18.88	20.5	0
5	64QAM	1	12	18.96	19.01	19.05		
5	64QAM	1	24	19.12	19.10	19.18		
5	64QAM	12	0	18.94	19.10	19.11	20.5	0
5	64QAM	12	7	19.05	19.10	19.07		
5	64QAM	12	13	19.14	18.98	19.15		
5	64QAM	25	0	18.93	19.09	19.08		
5	256QAM	1	0	18.64	18.50	18.50	19.5	1
5	256QAM	1	12	18.33	18.33	18.54		
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30	19.5	1
5	256QAM	12	7	18.21	18.35	18.31		
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.31	19.24	19.23	20.5	0
3	QPSK	1	8	19.20	19.13	19.01		
3	QPSK	1	14	19.09	19.22	18.95		
3	QPSK	8	0	19.24	19.27	19.14	20.5	0
3	QPSK	8	4	19.06	19.01	19.11		
3	QPSK	8	7	19.06	19.04	18.93		
3	QPSK	15	0	19.19	19.19	19.02		
3	16QAM	1	0	19.00	19.02	19.01	20.5	0
3	16QAM	1	8	19.00	19.01	19.17		
3	16QAM	1	14	19.09	19.07	19.16		
3	16QAM	8	0	19.15	19.02	19.14	20.5	0
3	16QAM	8	4	19.00	19.06	19.10		
3	16QAM	8	7	19.02	18.90	19.11		
3	16QAM	15	0	19.18	18.95	19.19		
3	64QAM	1	0	19.01	19.23	18.88	20.5	0
3	64QAM	1	8	19.00	18.95	19.10		
3	64QAM	1	14	19.12	19.09	19.16		
3	64QAM	8	0	18.96	19.10	19.11	20.5	0
3	64QAM	8	4	19.07	19.07	19.03		
3	64QAM	8	7	19.13	19.00	19.12		
3	64QAM	15	0	18.80	19.06	19.08		
3	256QAM	1	0	18.52	18.39	18.52	19.5	1
3	256QAM	1	8	18.35	18.35	18.51		
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18	19.5	1
3	256QAM	8	4	18.17	18.46	18.35		
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.26	19.26	19.22	20.5	0
1.4	QPSK	1	3	19.23	19.20	19.08		
1.4	QPSK	1	5	19.16	19.18	18.94		
1.4	QPSK	3	0	19.27	19.24	19.12		
1.4	QPSK	3	1	19.04	18.94	19.08		
1.4	QPSK	3	3	19.12	18.99	18.96		
1.4	QPSK	6	0	19.14	19.20	19.06	20.5	0
1.4	16QAM	1	0	19.01	18.99	18.95	20.5	0
1.4	16QAM	1	3	19.04	18.94	19.14		
1.4	16QAM	1	5	19.02	19.08	19.13		
1.4	16QAM	3	0	19.09	19.03	19.14		
1.4	16QAM	3	1	19.06	19.10	19.14		
1.4	16QAM	3	3	18.96	18.83	19.16		
1.4	16QAM	6	0	19.18	19.00	19.17	20.5	0
1.4	64QAM	1	0	19.04	19.28	18.81	20.5	0
1.4	64QAM	1	3	18.93	18.94	19.12		
1.4	64QAM	1	5	19.09	19.01	19.11		
1.4	64QAM	3	0	18.97	19.05	19.09		
1.4	64QAM	3	1	19.07	19.11	19.03		
1.4	64QAM	3	3	19.18	18.98	19.21		
1.4	64QAM	6	0	18.85	19.05	19.11	20.5	0
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	1
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.48	19.5	1

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.76	20.82	20.74	22	0
20	QPSK	1	49	20.48	20.72	20.53		
20	QPSK	1	99	20.80	20.62	20.68		
20	QPSK	50	0	20.64	20.79	20.60	22	0
20	QPSK	50	24	20.65	20.70	20.68		
20	QPSK	50	50	20.60	20.51	20.57		
20	QPSK	100	0	20.62	20.76	20.71		
20	16QAM	1	0	20.59	20.42	20.76	22	0
20	16QAM	1	49	20.66	20.53	20.65		
20	16QAM	1	99	20.52	20.56	20.49		
20	16QAM	50	0	20.27	20.29	20.25	22	0
20	16QAM	50	24	20.30	20.36	20.23		
20	16QAM	50	50	20.15	20.31	20.16		
20	16QAM	100	0	20.37	20.13	20.11		
20	64QAM	1	0	20.39	20.46	20.60	22	0
20	64QAM	1	49	20.31	20.30	20.47		
20	64QAM	1	99	20.58	20.54	20.38		
20	64QAM	50	0	20.37	20.48	20.64	21.5	0.5
20	64QAM	50	24	20.42	20.55	20.60		
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52	19.5	2.5
20	256QAM	1	49	18.60	18.63	18.56		
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59	19.5	2.5
20	256QAM	50	24	18.55	18.49	18.43		
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.64	20.76	20.67	22	0
15	QPSK	1	37	20.33	20.62	20.45		
15	QPSK	1	74	20.72	20.51	20.62		
15	QPSK	36	0	20.57	20.66	20.54	22	0
15	QPSK	36	20	20.55	20.56	20.63		
15	QPSK	36	39	20.51	20.44	20.45		
15	QPSK	75	0	20.50	20.71	20.64		
15	16QAM	1	0	20.53	20.30	20.64	22	0
15	16QAM	1	37	20.51	20.41	20.58		
15	16QAM	1	74	20.40	20.47	20.38		
15	16QAM	36	0	20.18	20.16	20.15	22	0
15	16QAM	36	20	20.17	20.23	20.15		
15	16QAM	36	39	20.03	20.21	20.04		
15	16QAM	75	0	20.27	20.07	20.05		
15	64QAM	1	0	20.33	20.34	20.54	22	0
15	64QAM	1	37	20.19	20.22	20.42		
15	64QAM	1	74	20.49	20.43	20.28		
15	64QAM	36	0	20.23	20.30	20.44	21.5	0.5
15	64QAM	36	20	20.24	20.46	20.43		
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44	19.5	2.5
15	256QAM	1	37	18.41	18.59	18.49		
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44	19.5	2.5
15	256QAM	36	20	18.45	18.40	18.34		
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.61	20.72	20.59	22	0
10	QPSK	1	25	20.34	20.60	20.39		
10	QPSK	1	49	20.66	20.48	20.55		
10	QPSK	25	0	20.52	20.70	20.55	22	0
10	QPSK	25	12	20.58	20.57	20.62		
10	QPSK	25	25	20.55	20.43	20.46		
10	QPSK	50	0	20.50	20.69	20.59		
10	16QAM	1	0	20.51	20.30	20.70	22	0
10	16QAM	1	25	20.59	20.47	20.57		
10	16QAM	1	49	20.38	20.49	20.40		
10	16QAM	25	0	20.21	20.16	20.14	22	0
10	16QAM	25	12	20.21	20.21	20.17		
10	16QAM	25	25	20.05	20.18	20.06		
10	16QAM	50	0	20.24	20.02	20.18		
10	64QAM	1	0	20.31	20.36	20.46	22	0
10	64QAM	1	25	20.18	20.24	20.38		
10	64QAM	1	49	20.48	20.42	20.29		
10	64QAM	25	0	20.31	20.43	20.49	21.5	0.5
10	64QAM	25	12	20.32	20.44	20.46		
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38	19.5	2.5
10	256QAM	1	25	18.45	18.49	18.41		
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53	19.5	2.5
10	256QAM	25	12	18.37	18.39	18.27		
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.70	20.68	20.67	22	0
5	QPSK	1	12	20.35	20.60	20.41		
5	QPSK	1	24	20.70	20.57	20.61		
5	QPSK	12	0	20.54	20.69	20.53	22	0
5	QPSK	12	7	20.58	20.61	20.55		
5	QPSK	12	13	20.53	20.45	20.50		
5	QPSK	25	0	20.50	20.67	20.65		
5	16QAM	1	0	20.54	20.31	20.67	22	0
5	16QAM	1	12	20.60	20.47	20.55		
5	16QAM	1	24	20.43	20.46	20.41		
5	16QAM	12	0	20.19	20.18	20.15	22	0
5	16QAM	12	7	20.22	20.23	20.15		
5	16QAM	12	13	20.06	20.24	20.05		
5	16QAM	25	0	20.31	20.39	20.29	22	0
5	64QAM	1	0	20.30	20.41	20.54		
5	64QAM	1	12	20.18	20.20	20.35		
5	64QAM	1	24	20.45	20.42	20.27		
5	64QAM	12	0	20.28	20.44	20.53	21.5	0.5
5	64QAM	12	7	20.22	20.43	20.41		
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43	19.5	2.5
5	256QAM	1	12	18.43	18.53	18.46		
5	256QAM	1	24	18.43	18.24	18.46		
5	256QAM	12	0	18.48	18.31	18.45	19.5	2.5
5	256QAM	12	7	18.49	18.40	18.36		
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19950	20175	20399	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.61	20.77	20.68	22	0
3	QPSK	1	8	20.40	20.63	20.41		
3	QPSK	1	14	20.68	20.53	20.58		
3	QPSK	8	0	20.53	20.69	20.46	22	0
3	QPSK	8	4	20.60	20.65	20.59		
3	QPSK	8	7	20.47	20.43	20.49		
3	QPSK	15	0	20.53	20.61	20.62		
3	16QAM	1	0	20.52	20.33	20.67	22	0
3	16QAM	1	8	20.60	20.47	20.56		
3	16QAM	1	14	20.44	20.45	20.37		
3	16QAM	8	0	20.13	20.18	20.16	22	0
3	16QAM	8	4	20.23	20.27	20.14		
3	16QAM	8	7	20.06	20.25	20.10		
3	16QAM	15	0	20.30	20.32	20.35		
3	64QAM	1	0	20.28	20.35	20.51	22	0
3	64QAM	1	8	20.25	20.24	20.41		
3	64QAM	1	14	20.44	20.47	20.23		
3	64QAM	8	0	20.18	20.34	20.55	21.5	0.5
3	64QAM	8	4	20.27	20.38	20.42		
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48	19.5	2.5
3	256QAM	1	8	18.41	18.48	18.41		
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53	19.5	2.5
3	256QAM	8	4	18.38	18.29	18.24		
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.64	20.69	20.59	22	0
1.4	QPSK	1	3	20.43	20.60	20.39		
1.4	QPSK	1	5	20.73	20.52	20.54		
1.4	QPSK	3	0	20.52	20.66	20.51	22	0
1.4	QPSK	3	1	20.55	20.65	20.55		
1.4	QPSK	3	3	20.51	20.39	20.50		
1.4	QPSK	6	0	20.55	20.65	20.65	22	0
1.4	16QAM	1	0	20.44	20.34	20.71	22	0
1.4	16QAM	1	3	20.53	20.46	20.54		
1.4	16QAM	1	5	20.47	20.51	20.44		
1.4	16QAM	3	0	20.15	20.21	20.18	22	0
1.4	16QAM	3	1	20.24	20.23	20.14		
1.4	16QAM	3	3	20.07	20.18	20.05		
1.4	16QAM	6	0	20.32	20.33	20.26	22	0
1.4	64QAM	1	0	20.32	20.33	20.53	22	0
1.4	64QAM	1	3	20.19	20.24	20.34		
1.4	64QAM	1	5	20.49	20.46	20.29		
1.4	64QAM	3	0	20.65	20.74	20.65		
1.4	64QAM	3	1	20.41	20.62	20.41		
1.4	64QAM	3	3	20.67	20.51	20.58		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	0.5
1.4	256QAM	1	0	18.33	18.40	18.41	19.5	2.5
1.4	256QAM	1	3	18.58	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	2.5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.48	21.52	21.43	22.5	0
10	QPSK	1	25	21.38	21.46	21.45		
10	QPSK	1	49	21.34	21.40	21.56		
10	QPSK	25	0	21.45	21.50	21.41	22.5	0
10	QPSK	25	12	21.39	21.32	21.29		
10	QPSK	25	25	21.36	21.47	21.33		
10	QPSK	50	0	21.43	21.48	21.35		
10	16QAM	1	0	21.41	21.29	21.50	22.5	0
10	16

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.26	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.85	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.08		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.84	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.84		
3	64QAM	1	0	22.23	22.18	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.95	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.01		23	0
10	QPSK	1	25		21.82			
10	QPSK	1	49		21.83			
10	QPSK	25	0		21.98		23	0
10	QPSK	25	12		21.92			
10	QPSK	25	25		21.95			
10	QPSK	50	0		21.94			
10	16QAM	1	0		21.79		23	0
10	16QAM	1	25		21.85			
10	16QAM	1	49		21.86			
10	16QAM	25	0		21.82		23	0
10	16QAM	25	12		21.96			
10	16QAM	25	25		22.00			
10	16QAM	50	0		21.93			
10	64QAM	1	0		21.81		23	0
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.95			
10	64QAM	25	0		21.15		22	1
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	3
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	3
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.00	21.98	21.96	23	0
5	QPSK	1	12	21.77	21.80	21.81		
5	QPSK	1	24	21.80	21.82	21.84		
5	QPSK	12	0	21.90	21.94	21.98	23	0
5	QPSK	12	7	21.91	21.89	21.89		
5	QPSK	12	13	21.92	21.95	21.91		
5	QPSK	25	0	21.94	21.91	21.93		
5	16QAM	1	0	21.71	21.75	21.75	23	0
5	16QAM	1	12	21.86	21.80	21.86		
5	16QAM	1	24	21.83	21.83	21.87		
5	16QAM	12	0	21.77	21.76	21.81	23	0
5	16QAM	12	7	21.93	21.97	21.92		
5	16QAM	12	13	21.94	21.93	21.92		
5	16QAM	25	0	21.86	21.90	21.93		
5	64QAM	1	0	21.80	21.80	21.74	23	0
5	64QAM	1	12	21.88	21.85	21.94		
5	64QAM	1	24	21.91	21.91	21.94		
5	64QAM	12	0	21.04	21.01	21.05	22	1
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	3
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87	20	3
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.27		23	0
10	QPSK	1	25		22.21			
10	QPSK	1	49		22.24			
10	QPSK	25	0		22.24		23	0
10	QPSK	25	12		22.08			
10	QPSK	25	25		22.20			
10	QPSK	50	0		22.18			
10	16QAM	1	0		22.05		23	0
10	16QAM	1	25		22.17			
10	16QAM	1	49		22.09			
10	16QAM	25	0		22.13		23	0
10	16QAM	25	12		22.17			
10	16QAM	25	25		22.14			
10	16QAM	50	0		22.20			
10	64QAM	1	0		22.08		23	0
10	64QAM	1	25		22.21			
10	64QAM	1	49		22.26			
10	64QAM	25	0		21.09		22	1
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	3
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	3
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.04	22.06	21.97	23	0
5	QPSK	1	12	21.95	21.91	21.91		
5	QPSK	1	24	21.99	21.97	21.96		
5	QPSK	12	0	21.98	21.98	22.03	23	0
5	QPSK	12	7	21.87	21.83	21.86		
5	QPSK	12	13	21.99	21.98	21.90		
5	QPSK	25	0	21.94	21.95	21.95		
5	16QAM	1	0	21.83	21.79	21.74	23	0
5	16QAM	1	12	21.96	21.95	21.91		
5	16QAM	1	24	21.78	21.79	21.80		
5	16QAM	12	0	21.88	21.85	21.91	23	0
5	16QAM	12	7	21.94	21.94	21.95		
5	16QAM	12	13	21.89	21.86	21.85		
5	16QAM	25	0	21.96	21.92	21.97		
5	64QAM	1	0	21.86	21.83	21.83	23	0
5	64QAM	1	12	21.92	21.90	21.91		
5	64QAM	1	24	22.01	21.99	21.96		
5	64QAM	12	0	21.04	21.01	20.89	22	1
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.08	20	3
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.26		
5	256QAM	12	0	19.03	19.07	18.94	20	3
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.40	19.46	19.27	20.5	0
20	QPSK	1	49	19.37	19.24	19.11		
20	QPSK	1	99	19.26	19.26	19.11		
20	QPSK	50	0	19.38	19.44	19.22	20.5	0
20	QPSK	50	24	19.24	19.08	19.27		
20	QPSK	50	50	19.24	19.15	19.10		
20	QPSK	100	0	19.25	19.21	19.23		
20	16QAM	1	0	19.23	19.09	19.16	20.5	0
20	16QAM	1	49	19.10	19.05	19.24		
20	16QAM	1	99	19.22	19.23	19.27		
20	16QAM	50	0	19.30	19.11	19.26	20.5	0
20	16QAM	50	24	19.16	19.14	19.17		
20	16QAM	50	50	19.13	18.97	19.20		
20	16QAM	100	0	19.27	19.17	19.24		
20	64QAM	1	0	19.15	19.41	18.96	20.5	0
20	64QAM	1	49	19.10	19.08	19.20		
20	64QAM	1	99	19.30	19.15	19.21		
20	64QAM	50	0	19.12	19.25	19.26	20.5	0
20	64QAM	50	24	19.21	19.30	19.23		
20	64QAM	50	50	19.34	19.04	19.30		
20	64QAM	100	0	19.01	19.24	19.30		
20	256QAM	1	0	18.52	18.89	18.74	19.5	1
20	256QAM	1	49	18.84	18.70	18.83		
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.52	18.45	19.5	1
20	256QAM	50	24	18.54	18.66	18.51		
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.34	19.35	19.20	20.5	0
15	QPSK	1	37	19.24	19.12	19.05		
15	QPSK	1	74	19.20	19.13	18.98		
15	QPSK	36	0	19.26	19.14	19.11	20.5	0
15	QPSK	36	20	19.17	18.99	19.17		
15	QPSK	36	39	19.19	19.06	19.02		
15	QPSK	75	0	19.11	19.30	19.17	20.5	0
15	16QAM	1	0	19.09	19.02	19.04		
15	16QAM	1	37	19.03	18.98	19.11		
15	16QAM	1	74	19.11	19.11	19.19		
15	16QAM	36	0	19.24	19.00	19.20	20.5	0
15	16QAM	36	20	19.16	19.09	19.07		
15	16QAM	36	39	19.05	18.98	19.08		
15	16QAM	75	0	19.16	19.11	19.17	20.5	0
15	64QAM	1	0	19.07	19.30	18.85		
15	64QAM	1	37	18.95	18.95	19.09		
15	64QAM	1	74	19.23	19.04	19.10		
15	64QAM	36	0	19.02	19.16	19.15	20.5	0
15	64QAM	36	20	19.07	19.23	19.13		
15	64QAM	36	39	19.29	18.98	19.18		
15	64QAM	75	0	18.95	19.12	19.24	19.5	1
15	256QAM	1	0	18.38	18.51	18.68		
15	256QAM	1	37	18.68	18.53	18.64		
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32	19.5	1
15	256QAM	36	20	18.35	18.59	18.35		
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1915		
10	QPSK	1	0	19.32	19.38	19.20	20.5	0
10	QPSK	1	25	19.31	19.17	19.05		
10	QPSK	1	49	19.12	19.16	19.02		
10	QPSK	25	0	19.27	19.29	19.13	20.5	0
10	QPSK	25	12	19.15	18.95	19.20		
10	QPSK	25	25	19.17	19.00	19.03		
10	QPSK	50	0	19.11	19.26	19.09		
10	16QAM	1	0	19.09	18.99	19.01	20.5	0
10	16QAM	1	25	19.01	18.92	19.13		
10	16QAM	1	49	19.11	19.15	19.15		
10	16QAM	25	0	19.21	19.04	19.15	20.5	0
10	16QAM	25	12	19.11	19.09	19.10		
10	16QAM	25	25	19.00	18.88	19.07		
10	16QAM	50	0	19.13	19.08	19.10		
10	64QAM	1	0	19.08	19.28	18.88	20.5	0
10	64QAM	1	25	19.04	19.02	19.10		
10	64QAM	1	49	19.22	19.03	19.09		
10	64QAM	25	0	19.02	19.18	19.21	20.5	0
10	64QAM	25	12	19.10	19.23	19.08		
10	64QAM	25	25	19.29	18.92	19.22		
10	64QAM	50	0	18.95	19.09	19.19		
10	256QAM	1	0	18.47	18.55	18.60	19.5	1
10	256QAM	1	25	18.77	18.65	18.74		
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29	19.5	1
10	256QAM	25	12	18.45	18.58	18.44		
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.26	19.37	19.21	20.5	0
5	QPSK	1	12	19.22	19.18	19.02		
5	QPSK	1	24	19.19	19.16	19.01		
5	QPSK	12	0	19.29	19.37	19.12	20.5	0
5	QPSK	12	7	19.12	18.98	19.19		
5	QPSK	12	13	19.16	19.09	18.96		
5	QPSK	25	0	19.12	19.30	19.15		
5	16QAM	1	0	19.18	19.03	19.02	20.5	0
5	16QAM	1	12	18.97	18.96	19.18		
5	16QAM	1	24	19.07	19.17	19.21		
5	16QAM	12	0	19.24	19.04	19.21	20.5	0
5	16QAM	12	7	19.04	19.09	19.04		
5	16QAM	12	13	19.01	18.86	19.09		
5	16QAM	25	0	19.15	19.12	19.14	20.5	0
5	64QAM	1	0	19.01	19.32	18.83		
5	64QAM	1	12	18.96	18.98	19.13		
5	64QAM	1	24	19.24	19.05	19.07		
5	64QAM	12	0	19.02	19.12	19.16	20.5	0
5	64QAM	12	7	19.09	19.18	19.13		
5	64QAM	12	13	19.23	18.98	19.18		
5	64QAM	25	0	18.92	19.17	19.18	20.5	0
5	256QAM	1	0	18.47	18.56	18.66	19.5	1
5	256QAM	1	12	18.69	18.50	18.66		
5	256QAM	1	24	18.55	18.48	18.80		
5	256QAM	12	0	18.55	18.40	18.35	19.5	1
5	256QAM	12	7	18.48	18.51	18.41		
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26035	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.34	19.40	19.19	20.5	0
3	QPSK	1	8	19.32	19.11	19.00		
3	QPSK	1	14	19.12	19.12	18.98		
3	QPSK	8	0	19.32	19.30	19.08	20.5	0
3	QPSK	8	4	19.12	19.01	19.19		
3	QPSK	8	7	19.14	19.07	19.01		
3	QPSK	15	0	19.10	19.24	19.16		
3	16QAM	1	0	19.11	19.03	19.03	20.5	0
3	16QAM	1	8	19.04	18.93	19.19		
3	16QAM	1	14	19.07	19.11	19.13		
3	16QAM	8	0	19.20	19.01	19.12	20.5	0
3	16QAM	8	4	19.06	19.00	19.07		
3	16QAM	8	7	19.04	18.91	19.13		
3	16QAM	15	0	19.17	19.08	19.16		
3	64QAM	1	0	19.09	19.35	18.89	20.5	0
3	64QAM	1	8	19.00	18.94	19.11		
3	64QAM	1	14	19.23	19.03	19.07		
3	64QAM	8	0	19.05	19.10	19.14	20.5	0
3	64QAM	8	4	19.15	19.18	19.18		
3	64QAM	8	7	19.24	18.97	19.21		
3	64QAM	15	0	18.95	19.11	19.25		
3	256QAM	1	0	18.46	18.56	18.58	19.5	1
3	256QAM	1	8	18.77	18.59	18.73		
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.31	21.37	21.26	22.5	0
15	QPSK	1	37	21.07	21.29	21.20		
15	QPSK	1	74	21.05	21.14	21.18		
15	QPSK	36	0	21.22	21.32	21.22	22.5	0
15	QPSK	36	20	21.19	21.07	21.06		
15	QPSK	36	39	21.04	21.26	21.12		
15	QPSK	75	0	21.19	21.22	21.09		
15	16QAM	1	0	21.12	20.98	21.26	22.5	0
15	16QAM	1	37	21.18	21.23	21.13		
15	16QAM	1	74	21.20	21.31	21.25		
15	16QAM	36	0	21.11	21.21	21.27	22.5	0
15	16QAM	36	20	20.97	21.11	21.22		
15	16QAM	36	39	21.03	21.15	21.16		
15	16QAM	75	0	21.04	21.21	21.29		
15	64QAM	1	0	21.00	21.19	21.24	22.5	0
15	64QAM	1	37	21.25	21.09	21.14		
15	64QAM	1	74	21.13	21.27	21.28		
15	64QAM	36	0	20.84	20.91	20.87	22	0.5
15	64QAM	36	20	21.07	21.01	21.04		
15	64QAM	36	39	21.00	20.79	20.90		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12	20	2.5
15	256QAM	1	37	18.98	19.16	19.16		
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.65	18.65	20	2.5
15	256QAM	36	20	18.46	18.79	18.59		
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.19	21.25	21.13	22.5	0
10	QPSK	1	25	21.01	21.21	21.09		
10	QPSK	1	49	20.92	21.08	21.27		
10	QPSK	25	0	21.13	21.20	21.13	22.5	0
10	QPSK	25	12	21.09	20.97	21.02		
10	QPSK	25	25	20.90	21.17	21.00		
10	QPSK	50	0	21.06	21.11	20.98		
10	16QAM	1	0	21.04	20.84	21.11	22.5	0
10	16QAM	1	25	21.05	21.12	21.02		
10	16QAM	1	49	21.06	21.26	21.13		
10	16QAM	25	0	21.02	21.11	21.25	22.5	0
10	16QAM	25	12	20.82	20.97	21.27		
10	16QAM	25	25	20.93	21.04	21.04		
10	16QAM	50	0	20.92	21.11	21.17		
10	64QAM	1	0	20.89	21.08	21.09	22.5	0
10	64QAM	1	25	21.11	21.04	21.01		
10	64QAM	1	49	21.07	21.19	21.19		
10	64QAM	25	0	20.71	20.81	20.71	22	0.5
10	64QAM	25	12	20.98	20.95	20.96		
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94	20	2.5
10	256QAM	1	25	18.85	19.04	19.05		
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57	20	2.5
10	256QAM	25	12	18.35	18.68	18.36		
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.16	21.24	21.16	22.5	0
5	QPSK	1	12	20.96	21.23	21.10		
5	QPSK	1	24	20.95	21.08	21.31		
5	QPSK	12	0	21.09	21.19	21.17	22.5	0
5	QPSK	12	7	21.08	21.00	20.98		
5	QPSK	12	13	20.93	21.11	21.06		
5	QPSK	25	0	21.05	21.08	20.97		
5	16QAM	1	0	21.05	20.84	21.18	22.5	0
5	16QAM	1	12	21.03	21.15	21.04		
5	16QAM	1	24	21.09	21.23	21.12		
5	16QAM	12	0	21.04	21.14	21.28	22.5	0
5	16QAM	12	7	20.89	21.01	21.30		
5	16QAM	12	13	20.94	21.09	21.10		
5	16QAM	25	0	20.92	21.13	21.16		
5	64QAM	1	0	20.91	21.10	21.12	22.5	0
5	64QAM	1	12	21.15	20.99	21.08		
5	64QAM	1	24	20.99	21.20	21.23		
5	64QAM	12	0	20.77	20.78	20.67	22	0.5
5	64QAM	12	7	21.01	20.90	20.98		
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06	20	2.5
5	256QAM	1	12	18.79	19.05	19.11		
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61	20	2.5
5	256QAM	12	7	18.34	18.71	18.41		
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.22	21.26	21.20	22.5	0
3	QPSK	1	8	20.92	21.19	21.08		
3	QPSK	1	14	20.95	21.08	21.25		
3	QPSK	8	0	21.13	21.25	21.17	22.5	0
3	QPSK	8	4	21.04	21.00	21.01		
3	QPSK	8	7	20.95	21.19	20.97		
3	QPSK	15	0	21.06	21.15	21.04		
3	16QAM	1	0	21.00	20.89	21.20	22.5	0
3	16QAM	1	8	21.13	21.16	21.06		
3	16QAM	1	14	21.08	21.19	21.12		
3	16QAM	8	0	21.00	21.15	21.31	22.5	0
3	16QAM	8	4	21.22	21.01	21.33		
3	16QAM	8	7	21.18	21.08	21.02		
3	16QAM	15	0	20.90	21.09	21.16		
3	64QAM	1	0	20.91	21.11	21.13	22.5	0
3	64QAM	1	8	21.17	20.97	21.08		
3	64QAM	1	14	20.99	21.14	21.15		
3	64QAM	8	0	20.71	20.75	20.72	22	0.5
3	64QAM	8	4	20.93	20.86	20.89		
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96	20	2.5
3	256QAM	1	8	18.87	19.04	19.00		
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60	20	2.5
3	256QAM	8	4	18.40	18.65	18.31		
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.24	21.25	21.29	22.5	0
1.4	QPSK	1	3	21.01	21.23	21.14		
1.4	QPSK	1	5	20.90	21.08	21.27		
1.4	QPSK	3	0	21.14	21.25	21.16		
1.4	QPSK	3	1	21.12	20.99	20.94		
1.4	QPSK	3	3	20.97	21.20	21.04		
1.4	QPSK	6	0	21.03	21.12	20.98	22.5	0
1.4	16QAM	1	0	20.99	20.92	21.15	22.5	0
1.4	16QAM	1	3	21.13	21.12	21.01		
1.4	16QAM	1	5	21.11	21.23	21.16		
1.4	16QAM	3	0	21.05	21.16	21.30		
1.4	16QAM	3	1	20.84	20.97	21.28		
1.4	16QAM	3	3	20.96	21.09	21.06		
1.4	16QAM	6	0	20.98	21.14	21.21	22.5	0
1.4	64QAM	1	0	20.93	21.04	21.14	22.5	0
1.4	64QAM	1	3	21.18	21.02	21.06		
1.4	64QAM	1	5	20.99	21.13	21.15		
1.4	64QAM	3	0	21.21	21.28	21.19		
1.4	64QAM	3	1	20.99	21.22	21.10		
1.4	64QAM	3	3	20.93	21.06	21.33		
1.4	64QAM	6	0	20.66	20.60	20.53	22	0.5
1.4	256QAM	1	0	18.92	18.91	19.07	20	2.5
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11		
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	2.5

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.67	20.70	20.68	22	0
20	QPSK	1	49	20.39	20.60	20.46		
20	QPSK	1	99	20.68	20.44	20.54		
20	QPSK	50	0	20.59	20.67	20.55	22	0
20	QPSK	50	24	20.42	20.46	20.49		
20	QPSK	50	50	20.37	20.30	20.34		
20	QPSK	100	0	20.50	20.63	20.50		
20	16QAM	1	0	20.43	20.61	20.66	22	0
20	16QAM	1	49	20.58	20.41	20.43		
20	16QAM	1	99	20.38	20.40	20.30		
20	16QAM	50	0	20.15	20.14	20.16	22	0
20	16QAM	50	24	20.18	20.22	20.08		
20	16QAM	50	50	20.12	20.21	20.35		
20	16QAM	100	0	20.15	20.30	20.22		
20	64QAM	1	0	20.16	20.31	20.50	22	0
20	64QAM	1	49	20.15	20.13	20.37		
20	64QAM	1	99	20.44	20.35	20.24		
20	64QAM	50	0	20.31	20.33	20.20	21.5	0.5
20	64QAM	50	24	20.45	20.44	20.39		
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50	19.5	2.5
20	256QAM	1	49	18.49	18.67	18.55		
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.28	18.41	18.31	19.5	2.5
20	256QAM	50	24	18.41	18.32	18.38		
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.54	20.65	20.48	22	0
15	QPSK	1	37	20.26	20.51	20.30		
15	QPSK	1	74	20.56	20.34	20.40		
15	QPSK	36	0	20.52	20.56	20.49	22	0
15	QPSK	36	20	20.36	20.40	20.40		
15	QPSK	36	39	20.25	20.19	20.19		
15	QPSK	75	0	20.44	20.50	20.45		
15	16QAM	1	0	20.34	20.50	20.55	22	0
15	16QAM	1	37	20.52	20.31	20.37		
15	16QAM	1	74	20.28	20.33	20.16		
15	16QAM	36	0	20.03	20.05	20.05	22	0
15	16QAM	36	20	20.05	20.15	20.19		
15	16QAM	36	39	20.06	20.26	20.26		
15	16QAM	75	0	20.04	20.21	20.14		
15	64QAM	1	0	20.11	20.21	20.44	22	0
15	64QAM	1	37	20.01	20.06	20.27		
15	64QAM	1	74	20.31	20.22	20.15		
15	64QAM	36	0	20.19	20.26	20.07	21.5	0.5
15	64QAM	36	20	20.26	20.27	20.23		
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39	19.5	2.5
15	256QAM	1	37	18.43	18.59	18.44		
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16	19.5	2.5
15	256QAM	36	20	18.34	18.27	18.23		
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.54	20.59	20.41	22	0
10	QPSK	1	25	20.31	20.48	20.33		
10	QPSK	1	49	20.57	20.30	20.39		
10	QPSK	25	0	20.44	20.53	20.47	22	0
10	QPSK	25	12	20.37	20.39	20.39		
10	QPSK	25	25	20.28	20.18	20.29		
10	QPSK	50	0	20.39	20.50	20.37		
10	16QAM	1	0	20.36	20.46	20.56	22	0
10	16QAM	1	25	20.43	20.27	20.30		
10	16QAM	1	49	20.27	20.26	20.23		
10	16QAM	25	0	20.16	20.19	20.23	22	0
10	16QAM	25	12	20.26	20.29	20.10		
10	16QAM	25	25	20.16	20.25	20.38		
10	16QAM	50	0	20.25	20.35	20.33		
10	64QAM	1	0	20.20	20.34	20.60	22	0
10	64QAM	1	25	20.18	20.20	20.39		
10	64QAM	1	49	20.51	20.42	20.28		
10	64QAM	25	0	20.20	20.13	20.13	21.5	0.5
10	64QAM	25	12	20.39	20.35	20.33		
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43	19.5	2.5
10	256QAM	1	25	18.30	18.55	18.49		
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25	19.5	2.5
10	256QAM	25	12	18.22	18.23	18.26		
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.61	20.58	20.47	22	0
5	QPSK	1	12	20.28	20.47	20.27		
5	QPSK	1	24	20.57	20.37	20.41		
5	QPSK	12	0	20.52	20.59	20.42	22	0
5	QPSK	12	7	20.36	20.34	20.43		
5	QPSK	12	13	20.26	20.17	20.24		
5	QPSK	25	0	20.37	20.53	20.38		
5	16QAM	1	0	20.37	20.53	20.60	22	0
5	16QAM	1	12	20.46	20.29	20.35		
5	16QAM	1	24	20.30	20.33	20.20		
5	16QAM	12	0	20.21	20.18	20.24	22	0
5	16QAM	12	7	20.28	20.29	20.12		
5	16QAM	12	13	20.15	20.32	20.41		
5	16QAM	25	0	20.25	20.35	20.23		
5	64QAM	1	0	20.21	20.34	20.54	22	0
5	64QAM	1	12	20.22	20.23	20.40		
5	64QAM	1	24	20.49	20.39	20.33		
5	64QAM	12	0	20.23	20.16	20.13	21.5	0.5
5	64QAM	12	7	20.39	20.30	20.24		
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44	19.5	2.5
5	256QAM	1	12	18.42	18.63	18.49		
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24	19.5	2.5
5	256QAM	12	7	18.38	18.16	18.30		
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.55	20.64	20.44	22	0
3	QPSK	1	8	20.27	20.48	20.25		
3	QPSK	1	14	20.60	20.32	20.43		
3	QPSK	8	0	20.47	20.54	20.45	22	0
3	QPSK	8	4	20.33	20.35	20.42		
3	QPSK	8	7	20.30	20.16	20.25		
3	QPSK	15	0	20.36	20.52	20.37		
3	16QAM	1	0	20.31	20.52	20.57	22	0
3	16QAM	1	8	20.50	20.30	20.34		
3	16QAM	1	14	20.29	20.28	20.25		
3	16QAM	8	0	20.18	20.21	20.18	22	0
3	16QAM	8	4	20.22	20.26	20.17		
3	16QAM	8	7	20.16	20.26	20.44		
3	16QAM	15	0	20.21	20.35	20.27		
3	64QAM	1	0	20.25	20.42	20.55	22	0
3	64QAM	1	8	20.23	20.19	20.45		
3	64QAM	1	14	20.52	20.37	20.31		
3	64QAM	8	0	20.24	20.26	20.13	21.5	0.5
3	64QAM	8	4	20.31	20.40	20.28		
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.38	19.5	2.5
3	256QAM	1	8	18.38	18.50	18.41		
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19	19.5	2.5
3	256QAM	8	4	18.37	18.13	18.30		
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.59	20.62	20.44	22	0
1.4	QPSK	1	3	20.28	20.55	20.25		
1.4	QPSK	1	5	20.56	20.30	20.40		
1.4	QPSK	3	0	20.46	20.59	20.40		
1.4	QPSK	3	1	20.37	20.36	20.34		
1.4	QPSK	3	3	20.28	20.21	20.20		
1.4	QPSK	6	0	20.38	20.57	20.37	22	0
1.4	16QAM	1	0	20.29	20.55	20.53	22	0
1.4	16QAM	1	3	20.52	20.28	20.35		
1.4	16QAM	1	5	20.25	20.31	20.23		
1.4	16QAM	3	0	20.24	20.24	20.19		
1.4	16QAM	3	1	20.20	20.27	20.19		
1.4	16QAM	3	3	20.20	20.29	20.45		
1.4	16QAM	6	0	20.24	20.37	20.32	22	0
1.4	64QAM	1	0	20.20	20.41	20.53	22	0
1.4	64QAM	1	3	20.24	20.22	20.46		
1.4	64QAM	1	5	20.46	20.45	20.26		
1.4	64QAM	3	0	20.69	20.45	20.64		
1.4	64QAM	3	1	20.42	20.51	20.50		
1.4	64QAM	3	3	20.65	20.54	20.58		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	0.5
1.4	256QAM	1	0	18.35	18.36	18.31	19.5	2.5
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39		
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	2.5

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.77	22.81	22.73	24	0
20	QPSK	1	49	22.49	22.66	22.62		
20	QPSK	1	99	22.55	22.55	22.57		
20	QPSK	50	0	22.65	22.77	22.62	24	0
20	QPSK	50	24	22.62	22.56	22.63		
20	QPSK	50	50	22.58	22.63	22.56		
20	QPSK	100	0	22.70	22.75	22.67		
20	16QAM	1	0	22.56	22.54	22.55	24	0
20	16QAM	1	49	22.67	22.58	22.49		
20	16QAM	1	99	22.66	22.70	22.67		
20	16QAM	50	0	21.89	21.82	21.67	23	1
20	16QAM	50	24	21.72	21.70	21.91		
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.26	22.11	22.25	23	1
20	64QAM	1	49	22.02	21.98	21.96		
20	64QAM	1	99	21.99	22.19	22.18		
20	64QAM	50	0	20.93	20.76	20.78	22	2
20	64QAM	50	24	20.80	20.85	20.71		
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90	20	4
20	256QAM	1	49	18.87	18.86	19.00		
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74	20	4
20	256QAM	50	24	18.80	18.89	18.98		
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.48	22.59	22.62	24	0
15	QPSK	1	37	22.30	22.53	22.48		
15	QPSK	1	74	22.44	22.40	22.51		
15	QPSK	36	0	22.48	22.49	22.34	24	0
15	QPSK	36	20	22.46	22.48	22.56		
15	QPSK	36	39	22.52	22.48	22.45		
15	QPSK	75	0	22.41	22.55	22.44		
15	16QAM	1	0	22.44	22.34	22.46	24	0
15	16QAM	1	37	22.54	22.46	22.33		
15	16QAM	1	74	22.49	22.56	22.53		

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.02	20.11	20.09	21.5	0
20	QPSK	1	49	20.03	20.02	20.02		
20	QPSK	1	99	20.10	20.09	19.94		
20	QPSK	50	0	20.07	20.08	20.03	21.5	0
20	QPSK	50	24	19.99	20.00	19.93		
20	QPSK	50	50	19.97	20.06	19.91		
20	QPSK	100	0	19.98	20.05	19.89		
20	16QAM	1	0	20.04	19.92	19.89	21.5	0
20	16QAM	1	49	19.96	19.98	20.09		
20	16QAM	1	99	19.97	19.89	20.06		
20	16QAM	50	0	20.00	20.09	19.89	21.5	0
20	16QAM	50	24	19.92	19.92	19.98		
20	16QAM	50	50	19.88	20.06	19.88		
20	16QAM	100	0	19.94	20.05	20.03		
20	64QAM	1	0	19.93	19.94	20.02	21.5	0
20	64QAM	1	49	19.90	19.89	20.00		
20	64QAM	1	99	20.03	20.03	19.98		
20	64QAM	50	0	19.51	19.56	19.55	20.5	1
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	3
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	3
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.83	20.00	19.90	21.5	0
15	QPSK	1	37	19.90	19.90	19.97		
15	QPSK	1	74	19.92	19.97	19.82		
15	QPSK	36	0	19.95	19.92	19.94	21.5	0
15	QPSK	36	20	19.94	19.90	19.80		
15	QPSK	36	39	19.90	19.93	19.81		
15	QPSK	75	0	19.92	19.96	19.75		
15	16QAM	1	0	19.94	19.85	19.79	21.5	0
15	16QAM	1	37	19.85	19.88	19.92		
15	16QAM	1	74	19.80	19.73	20.02		
15	16QAM	36	0	19.87	19.98	19.83	21.5	0
15	16QAM	36	20	19.82	19.86	19.83		
15	16QAM	36	39	19.79	20.01	19.76		
15	16QAM	75	0	19.88	19.92	19.90		
15	64QAM	1	0	19.87	19.81	19.95	21.5	0
15	64QAM	1	37	19.80	19.79	19.87		
15	64QAM	1	74	19.89	19.98	19.90		
15	64QAM	36	0	19.42	19.40	19.42	20.5	1
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	3
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	3
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.86	19.98	19.96	21.5	0
10	QPSK	1	25	19.93	19.87	19.89		
10	QPSK	1	49	19.96	19.93	19.85		
10	QPSK	25	0	20.03	19.89	19.85	21.5	0
10	QPSK	25	12	19.85	19.94	19.83		
10	QPSK	25	25	19.83	19.90	19.85		
10	QPSK	50	0	19.79	19.98	19.75		
10	16QAM	1	0	19.93	19.80	19.72	21.5	0
10	16QAM	1	25	19.91	19.92	20.01		
10	16QAM	1	49	19.77	19.80	19.96		
10	16QAM	25	0	19.83	19.92	19.75	21.5	0
10	16QAM	25	12	19.73	19.76	19.91		
10	16QAM	25	25	19.83	19.96	19.71		
10	16QAM	50	0	19.89	19.86	19.88		
10	64QAM	1	0	19.78	19.81	19.89	21.5	0
10	64QAM	1	25	19.71	19.73	19.92		
10	64QAM	1	49	19.85	19.86	19.88		
10	64QAM	25	0	19.36	19.38	19.46	20.5	1
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	3
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	3
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.90	20.03	19.85	21.5	0
5	QPSK	1	12	19.97	19.83	19.86		
5	QPSK	1	24	19.95	19.99	19.76		
5	QPSK	12	0	19.89	19.97	19.87	21.5	0
5	QPSK	12	7	19.92	19.83	19.81		
5	QPSK	12	13	19.79	19.92	19.78		
5	QPSK	25	0	19.80	19.96	19.74		
5	16QAM	1	0	19.96	19.82	19.73	21.5	0
5	16QAM	1	12	19.77	19.79	19.94		
5	16QAM	1	24	19.84	19.73	19.92		
5	16QAM	12	0	19.95	19.94	19.71	21.5	0
5	16QAM	12	7	19.86	19.74	19.87		
5	16QAM	12	13	19.75	19.96	19.75		
5	16QAM	25	0	19.86	19.99	19.84		
5	64QAM	1	0	19.89	19.89	19.91	21.5	0
5	64QAM	1	12	19.74	19.75	19.83		
5	64QAM	1	24	19.88	19.86	19.80		
5	64QAM	12	0	19.44	19.50	19.47	20.5	1
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	3
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	3
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.32	15.49	15.44		
20	QPSK	1	49	15.24	15.38	15.35	16.5	0
20	QPSK	1	99	15.24	15.26	15.44		
20	QPSK	50	0	15.43	15.47	15.39		
20	QPSK	50	24	15.30	15.23	15.34	16.5	0
20	QPSK	50	50	15.45	15.34	15.40		
20	QPSK	100	0	15.29	15.44	15.40		
20	16QAM	1	0	15.36	15.46	15.43		
20	16QAM	1	49	15.47	15.28	15.39	16.5	0
20	16QAM	1	99	15.33	15.46	15.43		
20	16QAM	50	0	15.28	15.31	15.34		
20	16QAM	50	24	15.22	15.29	15.41	16.5	0
20	16QAM	50	50	15.26	15.23	15.35		
20	16QAM	100	0	15.27	15.33	15.38		
20	64QAM	1	0	15.28	15.34	15.22		
20	64QAM	1	49	15.24	15.45	15.27	16.5	0
20	64QAM	1	99	15.35	15.29	15.43		
20	64QAM	50	0	15.42	15.21	15.38		
20	64QAM	50	24	15.39	15.33	15.26	16.5	0
20	64QAM	50	50	15.46	15.29	15.36		
20	64QAM	100	0	15.41	15.35	15.29		
20	256QAM	1	0	15.45	15.41	15.25		
20	256QAM	1	49	15.33	15.34	15.39	16.5	0
20	256QAM	1	99	15.36	15.39	15.25		
20	256QAM	50	0	15.27	15.41	15.35		
20	256QAM	50	24	15.24	15.45	15.34	16.5	0
20	256QAM	50	50	15.27	15.28	15.29		
20	256QAM	100	0	15.37	15.25	15.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.27	15.35	15.26		
15	QPSK	1	37	15.18	15.24	15.25	16.5	0
15	QPSK	1	74	15.14	15.18	15.26		
15	QPSK	36	0	15.31	15.38	15.22		
15	QPSK	36	20	15.24	15.07	15.16	16.5	0
15	QPSK	36	39	15.30	15.16	15.28		
15	QPSK	75	0	15.20	15.30	15.25		
15	16QAM	1	0	15.29	15.38	15.35		
15	16QAM	1	37	15.33	15.09	15.27	16.5	0
15	16QAM	1	74	15.13	15.37	15.37		
15	16QAM	36	0	15.10	15.18	15.25		
15	16QAM	36	20	15.05	15.14	15.31	16.5	0
15	16QAM	36	39	15.18	15.12	15.30		
15	16QAM	75	0	15.13	15.22	15.22		
15	64QAM	1	0	15.22	15.25	15.14		
15	64QAM	1	37	15.09	15.37	15.12	16.5	0
15	64QAM	1	74	15.28	15.23	15.37		
15	64QAM	36	0	15.30	15.16	15.19		
15	64QAM	36	20	15.32	15.14	15.15	16.5	0
15	64QAM	36	39	15.42	15.16	15.30		
15	64QAM	75	0	15.35	15.30	15.17		
15	256QAM	1	0	15.25	15.22	15.19		
15	256QAM	1	37	15.27	15.20	15.20	16.5	0
15	256QAM	1	74	15.29	15.20	15.13		
15	256QAM	36	0	15.07	15.21	15.24		
15	256QAM	36	20	15.11	15.41	15.19	16.5	0
15	256QAM	36	39	15.16	15.13	15.19		
15	256QAM	75	0	15.17	15.06	15.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.20	15.39	15.29		
10	QPSK	1	25	15.07	15.22	15.26	16.5	0
10	QPSK	1	49	15.11	15.20	15.38		
10	QPSK	25	0	15.27	15.36	15.21		
10	QPSK	25	12	15.20	15.16	15.30	16.5	0
10	QPSK	25	25	15.25	15.17	15.23		
10	QPSK	50	0	15.18	15.33	15.23		
10	16QAM	1	0	15.21	15.33	15.26		
10	16QAM	1	25	15.29	15.08	15.35	16.5	0
10	16QAM	1	49	15.23	15.35	15.35		
10	16QAM	25	0	15.18	15.13	15.25		
10	16QAM	25	12	15.16	15.25	15.28	16.5	0
10	16QAM	25	25	15.20	15.14	15.18		
10	16QAM	50	0	15.19	15.14	15.23		
10	64QAM	1	0	15.15	15.23	15.11		
10	64QAM	1	25	15.07	15.40	15.10	16.5	0
10	64QAM	1	49	15.19	15.19	15.31		
10	64QAM	25	0	15.35	15.11	15.19		
10	64QAM	25	12	15.32	15.16	15.17	16.5	0
10	64QAM	25	25	15.33	15.14	15.23		
10	64QAM	50	0	15.34	15.20	15.16		
10	256QAM	1	0	15.35	15.33	15.20		
10	256QAM	1	25	15.23	15.14	15.20	16.5	0
10	256QAM	1	49	15.16	15.25	15.19		
10	256QAM	25	0	15.13	15.30	15.20		
10	256QAM	25	12	15.14	15.37	15.16	16.5	0
10	256QAM	25	25	15.18	15.18	15.13		
10	256QAM	50	0	15.30	15.20	15.28		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.19	15.44	15.40		
5	QPSK	1	12	15.05	15.33	15.28	16.5	0
5	QPSK	1	24	15.17	15.13	15.28		
5	QPSK	12	0	15.30	15.29	15.24		
5	QPSK	12	7	15.25	15.07	15.25	16.5	0
5	QPSK	12	13	15.35	15.20	15.31		
5	QPSK	25	0	15.16	15.35	15.35		
5	16QAM	1	0	15.26	15.27	15.30		
5	16QAM	1	12	15.31	15.13	15.19	16.5	0
5	16QAM	1	24	15.17	15.26	15.25		
5	16QAM	12	0	15.13	15.17	15.28		
5	16QAM	12	7	15.10	15.17	15.33	16.5	0
5	16QAM	12	13	15.08	15.06	15.22		
5	16QAM	25	0	15.20	15.27	15.20		
5	64QAM	1	0	15.18	15.14	15.17		
5	64QAM	1	12	15.11	15.37	15.20	16.5	0
5	64QAM	1	24	15.23	15.19	15.38		
5	64QAM	12	0	15.33	15.12	15.28		
5	64QAM	12	7	15.33	15.17	15.17	16.5	0
5	64QAM	12	13	15.39	15.19	15.20		
5	64QAM	25	0	15.23	15.20	15.09		
5	256QAM	1	0	15.40	15.28	15.20		
5	256QAM	1	12	15.20	15.22	15.32	16.5	0
5	256QAM	1	24	15.16	15.22	15.12		
5	256QAM	12	0	15.07	15.21	15.30		
5	256QAM	12	7	15.15	15.29	15.19	16.5	0
5	256QAM	12	13	15.14	15.10	15.15		
5	256QAM	25	0	15.18	15.07	15.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.21	15.39	15.28		
3	QPSK	1	8	15.06	15.21	15.17	16.5	0
3	QPSK	1	14	15.12	15.09	15.32		
3	QPSK	8	0	15.39	15.38	15.26		
3	QPSK	8	4	15.13	15.14	15.16	16.5	0
3	QPSK	8	7	15.28	15.22	15.22		
3	QPSK	15	0	15.21	15.35	15.31		
3	16QAM	1	0	15.19	15.31	15.29		
3	16QAM	1	8	15.14	15.15	15.33	16.5	0
3	16QAM	1	14	15.14	15.37	15.30		
3	16QAM	8	0	15.19	15.18	15.29		
3	16QAM	8	4	15.06	15.10	15.29	16.5	0
3	16QAM	8	7	15.10	15.07	15.21		
3	16QAM	15	0	15.23	15.25	15.29		
3	64QAM	1	0	15.14	15.19	15.12		
3	64QAM	1	8	15.14	15.32	15.10	16.5	0
3	64QAM	1	14	15.27	15.14	15.27		
3	64QAM	8	0	15.35	15.13	15.30		
3	64QAM	8	4	15.25	15.16	15.11	16.5	0
3	64QAM	8	7	15.29	15.13	15.30		
3	64QAM	15	0	15.34	15.26	15.09		
3	256QAM	1	0	15.29	15.36	15.17		
3	256QAM	1	8	15.18	15.29	15.31	16.5	0
3	256QAM	1	14	15.28	15.32	15.09		
3	256QAM	8	0	15.12	15.27	15.19		
3	256QAM	8	4	15.13	15.37	15.21	16.5	0
3	256QAM	8	7	15.10	15.22	15.11		
3	256QAM	15	0	15.20	15.07	15.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.25	15.45	15.34		
1.4	QPSK	1	3	15.06	15.31	15.17		
1.4	QPSK	1	5	15.16	15.17	15.40	16.5	0
1.4	QPSK	3	0	15.36	15.32	15.21		
1.4	QPSK	3	1	15.18	15.11	15.19		
1.4	QPSK	3	3	15.36	15.24	15.26		
1.4	QPSK	6	0	15.12	15.27	15.33	16.5	0
1.4	16QAM	1	0	15.30	15.36	15.29		
1.4	16QAM	1	3	15.16	15.12	15.32		
1.4	16QAM	1	5	15.22	15.38	15.33	16.5	0
1.4	16QAM	3	0	15.16	15.21	15.29		
1.4	16QAM	3	1	15.15	15.11	15.29		
1.4	16QAM	3	3	15.12	15.05	15.22		
1.4	16QAM	6	0	15.09	15.18	15.29	16.5	0
1.4	64QAM	1	0	15.12	15.25	15.11		
1.4	64QAM	1	3	15.08	15.41	15.14		
1.4	64QAM	1	5	15.21	15.23	15.31	16.5	0
1.4	64QAM	3	0	15.24	15.02	15.19		
1.4	64QAM	3	1	15.28	15.28	15.19		
1.4	64QAM	3	3	15.35	15.12	15.16		
1.4	64QAM	6	0	15.35	15.28	15.19	16.5	0
1.4	256QAM	1	0	15.30	15.36	15.07		
1.4	256QAM	1	3	15.23	15.28	15.34		
1.4	256QAM	1	5	15.29	15.30	15.14	16.5	0
1.4	256QAM	3	0	15.16	15.31	15.28		
1.4	256QAM	3	1	15.11	15.37	15.28		
1.4	256QAM	3	3	15.18	15.11	15.21		
1.4	256QAM	6	0	15.32	15.11	15.23	16.5	0

LTE Band 4 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.45	14.56	14.54		
20	QPSK	1	49	14.40	14.55	14.39	15.5	0
20	QPSK	1	99	14.43	14.54	14.53		
20	QPSK	50	0	14.51	14.55	14.42		
20	QPSK	50	24	14.39	14.51	14.41	15.5	0
20	QPSK	50	50	14.36	14.32	14.54		
20	QPSK	100	0	14.36	14.49	14.39		
20	16QAM	1	0	14.46	14.54	14.44		
20	16QAM	1	49	14.41	14.44	14.44	15.5	0
20	16QAM	1	99	14.48	14.30	14.36		
20	16QAM	50	0	14.54	14.51	14.51		
20	16QAM	50	24	14.41	14.49	14.50	15.5	0
20	16QAM	50	50	14.51	14.30	14.34		
20	16QAM	100	0	14.46	14.53	14.31		
20	64QAM	1	0	14.44	14.44	14.53		
20	64QAM	1	49	14.39	14.48	14.48	15.5	0
20	64QAM	1	99	14.41	14.40	14.44		
20	64QAM	50	0	14.50	14.51	14.36		
20	64QAM	50	24	14.44	14.44	14.51	15.5	0
20	64QAM	50	50	14.49	14.49	14.47		
20	64QAM	100	0	14.42	14.40	14.53		
20	256QAM	1	0	14.39	14.51	14.48		
20	256QAM	1	49	14.35	14.42	14.32	15.5	0
20	256QAM	1	99	14.33	14.30	14.39		
20	256QAM	50	0	14.41	14.30	14.31		
20	256QAM	50	24	14.31	14.29	14.39	15.5	0
20	256QAM	50	50	14.51	14.54	14.39		
20	256QAM	100	0	14.35	14.43	14.41		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.32	14.46	14.39		
15	QPSK	1	37	14.27	14.47	14.30	15.5	0
15	QPSK	1	74	14.30	14.35	14.42		
15	QPSK	36	0	14.42	14.49	14.36		
15	QPSK	36	20	14.23	14.41	14.21	15.5	0
15	QPSK	36	39	14.29	14.27	14.44		
15	QPSK	75	0	14.28	14.34	14.31		
15	16QAM	1	0	14.41	14.36	14.40		
15	16QAM	1	37	14.28	14.36	14.37	15.5	0
15	16QAM	1	74	14.31	14.21	14.25		
15	16QAM	36	0	14.44	14.40	14.41		
15	16QAM	36	20	14.27	14.38	14.44	15.5	0
15	16QAM	36	39	14.40	14.23	14.29		
15	16QAM	75	0	14.38	14.15	14.17		
15	64QAM	1	0	14.30	14.33	14.48		
15	64QAM	1	37	14.33	14.34	14.44	15.5	0
15	64QAM	1	74	14.27	14.35	14.30		
15	64QAM	36	0	14.38	14.37	14.29		
15	64QAM	36	20	14.34	14.39	14.39	15.5	0
15	64QAM	36	39	14.36	14.30	14.27		
15	64QAM	75	0	14.25	14.22	14.43		
15	256QAM	1	0	14.31	14.35	14.35		
15	256QAM	1	37	14.15	14.31	14.25	15.5	0
15	256QAM	1	74	14.19	14.14	14.30		
15	256QAM	36	0	14.31	14.18	14.13		
15	256QAM	36	20	14.14	14.14	14.24	15.5	0
15	256QAM	36	39	14.36	14.47	14.33		
15	256QAM	75	0	14.16	14.42	14.27		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.35	14.47	14.39		
10	QPSK	1	25	14.30	14.43	14.22	15.5	0
10	QPSK	1	49	14.32	14.34	14.46		
10	QPSK	25	0	14.37	14.47	14.36		
10	QPSK	25	12	14.28	14.38	14.33	15.5	0
10	QPSK	25	25	14.24	14.19	14.40		
10	QPSK	50	0	14.30	14.33	14.33		
10	16QAM	1	0	14.28	14.38	14.41		
10	16QAM	1	25	14.34	14.36	14.37	15.5	0
10	16QAM	1	49	14.39	14.22	14.26		
10	16QAM	25	0	14.44	14.35	14.40		
10	16QAM	25	12	14.21	14.30	14.33	15.5	0
10	16QAM	25	25	14.38	14.22	14.22		
10	16QAM	50	0	14.28	14.35	14.18		
10	64QAM	1	0	14.31	14.35	14.42		
10	64QAM	1	25	14.24	14.20	14.32	15.5	0
10	64QAM	1	49	14.27	14.35	14.30		
10	64QAM	25	0	14.46	14.38	14.23		
10	64QAM	25	12	14.39	14.35	14.33	15.5	0
10	64QAM	25	25	14.45	14.39	14.29		
10	64QAM	50	0	14.32	14.32	14.49		
10	256QAM	1	0	14.33	14.37	14.41		
10	256QAM	1	25	14.28	14.27	14.15	15.5	0
10	256QAM	1	49	14.29	14.19	14.25		
10	256QAM	25	0	14.25	14.24	14.20		
10	256QAM	25	12	14.11	14.22	14.28	15.5	0
10	256QAM	25	25	14.46	14.49	14.35		
10	256QAM	50	0	14.18	14.30	14.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.35	14.41	14.36		
5	QPSK	1	12	14.25	14.49	14.29	15.5	0
5	QPSK	1	24	14.29	14.35	14.39		
5	QPSK	12	0	14.40	14.37	14.36		
5	QPSK	12	7	14.32	14.33	14.32	15.5	0
5	QPSK	12	13	14.25	14.27	14.42		
5	QPSK	25	0	14.29	14.44	14.19		
5	16QAM	1	0	14.29	14.36	14.38		
5	16QAM	1	12	14.27	14.27	14.27	15.5	0
5	16QAM	1	24	14.39	14.13	14.25		
5	16QAM	12	0	14.30	14.44	14.34		
5	16QAM	12	7	14.23	14.41	14.33	15.5	0
5	16QAM	12	13	14.34	14.24	14.22		
5	16QAM	25	0	14.41	14.19	14.41		
5	64QAM	1	0	14.38	14.28	14.42		
5	64QAM	1	12	14.23	14.34	14.38	15.5	0
5	64QAM	1	24	14.24	14.28	14.34		
5	64QAM	12	0	14.40	14.44	14.17		
5	64QAM	12	7	14.41	14.34	14.34	15.5	0
5	64QAM	12	13	14.36	14.34	14.33		
5	64QAM	25	0	14.32	14.25	14.35		
5	256QAM	1	0	14.27	14.42	14.43		
5	256QAM	1	12	14.20	14.20	14.26	15.5	0
5	256QAM	1	24	14.13	14.14	14.19		
5	256QAM	12	0	14.22	14.24	14.18		
5	256QAM	12	7	14.19	14.23	14.27	15.5	0
5	256QAM	12	13	14.33	14.48	14.20		
5	256QAM	25	0	14.19	14.30	14.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.39	14.46	14.42		
3	QPSK	1	8	14.22	14.41	14.33	15.5	0
3	QPSK	1	14	14.36	14.36	14.33		
3	QPSK	8	0	14.40	14.29	14.31		
3	QPSK	8	4	14.25	14.35	14.28	15.5	0
3	QPSK	8	7	14.25	14.19	14.41		
3	QPSK	15	0	14.27	14.37	14.30		
3	16QAM	1	0	14.38	14.30	14.50		
3	16QAM	1	8	14.34	14.30	14.29	15.5	0
3	16QAM	1	14	14.43	14.23	14.25		
3	16QAM	8	0	14.47	14.46	14.40		
3	16QAM	8	4	14.25	14.39	14.38	15.5	0
3	16QAM	8	7	14.47	14.11	14.21		
3	16QAM	15	0	14.34	14.16	14.21		
3	64QAM	1	0	14.40	14.35	14.34		
3	64QAM	1	8	14.24	14.33	14.37	15.5	0
3	64QAM	1	14	14.24	14.35	14.33		
3	64QAM	8	0	14.42	14.31	14.29		
3	64QAM	8	4	14.38	14.34	14.34	15.5	0
3	64QAM	8	7	14.41	14.31	14.30		
3	64QAM	15	0	14.29	14.26	14.45		
3	256QAM	1	0	14.24	14.37	14.32		
3	256QAM	1	8	14.27	14.27	14.22	15.5	0
3	256QAM	1	14	14.18	14.32	14.16		
3	256QAM	8	0	14.36	14.26	14.13		
3	256QAM	8	4	14.26	14.16	14.23	15.5	0
3	256QAM	8	7	14.31	14.40	14.24		
3	256QAM	15	0	14.18	14.43	14.22		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.26	14.40	14.39		
1.4	QPSK	1	3	14.30	14.40	14.35		
1.4	QPSK	1	5	14.29	14.40	14.46	15.5	0
1.4	QPSK	3	0	14.44	14.47	14.23		
1.4	QPSK	3	1	14.27	14.34	14.37		
1.4	QPSK	3	3	14.23	14.22	14.40		
1.4	QPSK	6	0	14.18	14.35	14.25	15.5	0
1.4	16QAM	1	0	14.41	14.33	14.37		
1.4	16QAM	1	3	14.30	14.32	14.44	15.5	0
1.4	16QAM	1	5	14.39	14.15	14.18		
1.4	16QAM	3	0	14.46	14.40	14.43		
1.4	16QAM	3	1	14.27	14.44	14.40		
1.4	16QAM	3	3	14.36	14.13	14.14		
1.4	16QAM	6	0	14.35	14.46	14.28	15.5	0
1.4	64QAM	1	0	14.28	14.33	14.40		
1.4	64QAM	1	3	14.32	14.26	14.37		
1.4	64QAM	1	5	14.32	14.33	14.37	15.5	0
1.4	64QAM	3	0	14.40	14.30	14.28		
1.4	64QAM	3	1	14.28	14.44	14.44		
1.4	64QAM	3	3	14.43	14.31	14.43		
1.4	64QAM	6	0	14.27	14.24	14.34	15.5	0
1.4	256QAM	1	0	14.32	14.38	14.34		
1.4	256QAM	1	3	14.15	14.32	14.22		
1.4	256QAM	1	5	14.20	14.19	14.33	15.5	0
1.4	256QAM	3	0	14.25	14.24	14.22		
1.4	256QAM	3	1	14.13	14.17	14.23		
1.4	256QAM	3	3	14.36	14.35	14.28		
1.4	256QAM	6	0	14.28	14.28	14.30	15.5	0

LTE Band 25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 26140	Power Middle Ch. / 26340	Power High Ch. / 26590	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.52	15.57	15.44		
20	QPSK	1	49	15.35	15.32	15.39	16.5	0
20	QPSK	1	99	15.40	15.40	15.38		
20	QPSK	50	0	15.28	15.48	15.40		
20	QPSK	50	24	15.34	15.37	15.30	16.5	0
20	QPSK	50	50	15.30	15.40	15.39		
20	QPSK	100	0	15.27	15.47	15.38		
20	16QAM	1	0	15.41	15.52	15.28		
20	16QAM

LTE Band 43 Ant6

(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.66	21.75	21.63		
20	QPSK	1	49	21.57	21.62	21.67	23	0
20	QPSK	1	99	21.74	21.57	21.59		
20	QPSK	50	0	21.72	21.73	21.63		
20	QPSK	50	24	21.65	21.67	21.59	23	0
20	QPSK	50	50	21.69	21.58	21.70		
20	QPSK	100	0	21.57	21.66	21.55		
20	16QAM	1	0	21.57	21.56	21.57		
20	16QAM	1	49	21.70	21.68	21.70	23	0
20	16QAM	1	99	21.70	21.58	21.73		
20	16QAM	50	0	20.83	20.77	20.75		
20	16QAM	50	24	20.63	20.80	20.78	22	1
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86		
20	64QAM	1	49	20.96	20.94	20.78	22	1
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60		
20	64QAM	50	24	19.91	19.75	19.79	21	2
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83		
20	256QAM	1	49	17.85	17.80	17.56	19	4
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83		
20	256QAM	50	24	17.69	17.84	17.62	19	4
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.57	21.72	21.51		
15	QPSK	1	37	21.52	21.57	21.51	23	0
15	QPSK	1	74	21.69	21.40	21.47		
15	QPSK	36	0	21.58	21.69	21.56		
15	QPSK	36	20	21.61	21.59	21.55	23	0
15	QPSK	36	39	21.65	21.40	21.67		
15	QPSK	75	0	21.46	21.57	21.46		
15	16QAM	1	0	21.46	21.43	21.53		
15	16QAM	1	37	21.66	21.60	21.68	23	0
15	16QAM	1	74	21.65	21.41	21.60		
15	16QAM	36	0	20.70	20.62	20.70		
15	16QAM	36	20	20.47	20.66	20.72	22	1
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72		
15	64QAM	1	37	20.85	20.87	20.63	22	1
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53		
15	64QAM	36	20	19.80	19.59	19.61	21	2
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63		
15	256QAM	1	37	17.73	17.71	17.51	19	4
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67		
15	256QAM	36	20	17.53	17.74	17.50	19	4
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.56	21.63	21.46		
10	QPSK	1	25	21.52	21.50	21.65	23	0
10	QPSK	1	49	21.64	21.55	21.54		
10	QPSK	25	0	21.58	21.71	21.50		
10	QPSK	25	12	21.62	21.58	21.41	23	0
10	QPSK	25	25	21.67	21.52	21.53		
10	QPSK	50	0	21.50	21.48	21.43		
10	16QAM	1	0	21.48	21.51	21.48		
10	16QAM	1	25	21.63	21.59	21.52	23	0
10	16QAM	1	49	21.54	21.50	21.62		
10	16QAM	25	0	20.79	20.60	20.61		
10	16QAM	25	12	20.53	20.62	20.65	22	1
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67		
10	64QAM	1	25	20.88	20.80	20.67	22	1
10	64QAM	1	49	20.54	20.90	20.80		
10	64QAM	25	0	19.69	19.68	19.53		
10	64QAM	25	12	19.84	19.70	19.67	21	2
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74		
10	256QAM	1	25	17.76	17.67	17.39	19	4
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73		
10	256QAM	25	12	17.62	17.69	17.44	19	4
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.50	21.64	21.58		
5	QPSK	1	12	21.42	21.57	21.59	23	0
5	QPSK	1	24	21.57	21.49	21.46		
5	QPSK	12	0	21.67	21.55	21.48		
5	QPSK	12	7	21.52	21.60	21.56	23	0
5	QPSK	12	13	21.64	21.43	21.57		
5	QPSK	25	0	21.51	21.51	21.50		
5	16QAM	1	0	21.39	21.41	21.39		
5	16QAM	1	12	21.65	21.56	21.67	23	0
5	16QAM	1	24	21.54	21.53	21.58		
5	16QAM	12	0	20.68	20.71	20.68		
5	16QAM	12	7	20.43	20.61	20.67	22	1
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79		
5	64QAM	1	12	20.86	20.84	20.64	22	1
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48		
5	64QAM	12	7	19.86	19.60	19.64	21	2
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69		
5	256QAM	1	12	17.70	17.68	17.51	19	4
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70		
5	256QAM	12	7	17.52	17.76	17.49	19	4
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6

FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.69	21.79	21.70	21.68		
20	QPSK	1	49	21.71	21.67	21.55	21.55	23	0
20	QPSK	1	99	21.72	21.55	21.55	21.55		
20	QPSK	50	0	21.70	21.71	21.64	21.69		
20	QPSK	50	24	21.56	21.56	21.67	21.65	23	0
20	QPSK	50	50	21.66	21.55	21.52	21.58		
20	QPSK	100	0	21.60	21.69	21.55	21.63		
20	16QAM	1	0	21.62	21.55	21.60	21.70		
20	16QAM	1	49	21.63	21.63	21.68	21.64	23	0
20	16QAM	1	99	21.70	21.55	21.56	21.67		
20	16QAM	50	0	20.70	20.88	20.90	20.81		
20	16QAM	50	24	20.82	21.03	21.02	20.91	22	1
20	16QAM	50	50	21.02	21.01	20.95	20.99		
20	16QAM	100	0	20.85	20.99	20.70	20.86		
20	64QAM	1	0	20.77	20.76	20.61	20.71		
20	64QAM	1	49	20.89	20.92	20.94	20.93	22	1
20	64QAM	1	99	20.69	20.64	20.59	20.92		
20	64QAM	50	0	19.98	19.87	19.71	20.03		
20	64QAM	50	24	19.70	19.75	19.81	19.82	21	2
20	64QAM	50	50	19.78	19.78	19.84	19.78		
20	64QAM	100	0	19.92	19.70	19.71	19.86		
20	256QAM	1	0	17.71	17.75	17.65	17.86		
20	256QAM	1	49	17.62	17.67	17.61	17.64	19	4
20	256QAM	1	99	17.67	17.77	17.59	17.89		
20	256QAM	50	0	18.00	17.92	17.85	17.81		
20	256QAM	50	24	18.04	17.77	17.74	17.94	19	4
20	256QAM	50	50	17.87	17.96	17.93	17.79		
20	256QAM	100	0	17.87	17.92	18.10	17.79		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.61	21.67	21.60	21.55		
15	QPSK	1	37	21.67	21.54	21.44	21.42	23	0
15	QPSK	1	74	21.59	21.42	21.52	21.38		
15	QPSK	36	0	21.61	21.65	21.51	21.51		
15	QPSK	36	20	21.45	21.50	21.55	21.49	23	0
15	QPSK	36	39	21.48	21.53	21.38	21.53		
15	QPSK	75	0	21.50	21.64	21.48	21.55		
15	16QAM	1	0	21.45	21.46	21.47	21.65		
15	16QAM	1	37	21.49	21.57	21.63	21.51	23	0
15	16QAM	1	74	21.62	21.41	21.50	21.51		
15	16QAM	36	0	20.64	20.72	20.85	20.75		
15	16QAM	36	20	20.63	20.98	20.93	20.77	22	1
15	16QAM	36	39	20.86	20.93	20.86	20.90		
15	16QAM	75	0	20.66	20.94	20.58	20.72		
15	64QAM	1	0	20.72	20.71	20.52	20.60		
15	64QAM	1	37	20.75	20.86	20.85	20.86	22	1
15	64QAM	1	74	20.59	20.49	20.51	20.74		
15	64QAM	36	0	19.79	19.79	19.54	19.89		
15	64QAM	36	20	19.57	19.58	19.64	19.73	21	2
15	64QAM	36	39	19.74	19.67	19.70	19.64		
15	64QAM	75	0	19.81	19.57	19.64	19.67		
15	256QAM	1	0	17.58	17.63	17.61	17.74		
15	256QAM	1	37	17.50	17.50	17.49	17.51	19	4
15	256QAM	1	74	17.53	17.63	17.51	17.75		
15	256QAM	36	0	17.83	17.84	17.72	17.66		
15	256QAM	36	20	17.92	17.68	17.65	17.89	19	4
15	256QAM	36	39	17.71	17.91	17.76	17.70		
15	256QAM	75	0	17.71	17.77	18.05	17.72		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.65	21.66	21.65	21.51		
10	QPSK	1	25	21.67	21.57	21.53	21.48	23	0
10	QPSK	1	49	21.63	21.37	21.43	21.43		
10	QPSK	25	0	21.54	21.57	21.53	21.62		
10	QPSK	25	12	21.41	21.45	21.50	21.61	23	0
10	QPSK	25	25	21.58	21.51	21.38	21.41		
10	QPSK	50	0	21.43	21.58	21.46	21.61		
10	16QAM	1	0	21.53	21.51	21.45	21.52		
10	16QAM	1	25	21.53	21.60	21.54	21.58	23	0
10	16QAM	1	49	21.57	21.46	21.43	21.54		
10	16QAM	25	0	20.60	20.75	20.85	20.75		
10	16QAM	25	12	20.65	20.84	20.90	20.79	22	1
10	16QAM	25	25	20.89	20.97	20.86	20.79		
10	16QAM	50	0	20.72	20.88	20.58	20.76		
10	64QAM	1	0	20.68	20.58	20.45	20.65		
10	64QAM	1	25	20.77	20.80	20.79	20.77	22	1
10	64QAM	1	49	20.55	20.46	20.48	20.75		
10	64QAM	25	0	19.79	19.80	19.61	19.91		
10	64QAM	25	12	19.64	19.56	19.66	19.72	21	2
10	64QAM	25	25	19.60	19.61	19.64	19.74		
10	64QAM	50	0	19.75	19.52	19.55	19.79		
10	256QAM	1	0	17.57	17.67	17.53	17.79		
10	256QAM	1	25	17.46	17.60	17.46	17.50	19	4
10	256QAM	1	49	17.51	17.70	17.53	17.76		
10	256QAM	25	0	17.90	17.78	17.79	17.62		
10	256QAM	25	12	17.89	17.59	17.54	17.87	19	4
10	256QAM	25	25	17.74	17.83	17.81	17.62		
10	256QAM	50	0	17.79	17.80	18.02	17.62		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.60	21.59	21.52	21.59		
5	QPSK	1	12	21.65	21.52	21.53	21.41	23	0
5	QPSK	1	24	21.68	21.49	21.53	21.53		
5	QPSK	12	0	21.56	21.63	21.61	21.52		
5	QPSK	12	7	21.49	21.48	21.53	21.62	23	0
5	QPSK	12	13	21.54	21.39	21.48	21.52		
5	QPSK	25	0	21.51	21.53	21.43	21.49		
5	16QAM	1	0	21.45	21.44	21.42	21.68		
5	16QAM	1	12	21.61	21.57	21.63	21.53	23	0
5	16QAM	1	24	21.52	21.45	21.51	21.62		
5	16QAM	12	0	20.56	20.78	20.73	20.67		
5	16QAM	12	7	20.72	20.85	20.85	20.86	22	1
5	16QAM	12	13	20.95	20.87	20.84	20.88		
5	16QAM	25	0	20.73	20.84	20.52	20.70		
5	64QAM	1	0	20.60	20.60	20.54	20.52		
5	64QAM	1	12	20.81	20.78	20.80	20.82	22	1
5	64QAM	1	24	20.57	20.45	20.43	20.74		
5	64QAM	12	0	19.78	19.78	19.65	19.96		
5	64QAM	12	7	19.54	19.67	19.74	19.77	21	2
5	64QAM	12	13	19.69	19.64	19.77	19.60		
5	64QAM	25	0	19.80	19.59	19.62	19.79		
5	256QAM	1	0	17.55	17.58	17.50	17.78		
5	256QAM	1	12	17.46	17.61	17.45	17.57	19	4
5	256QAM	1	24	17.50	17.57	17.40	17.79		
5	256QAM	12	0	17.81	17.82	17.71	17.76		
5	256QAM	12	7	17.99	17.70	17.56	17.77	19	4
5	256QAM	12	13	17.77	17.92	17.74	17.67		
5	256QAM	25	0	17.70	17.74	18.04	17.74		

Reduced Power Mode for DSI4 Standalone

<WCDMA>

		WCDMA II Ant 1				WCDMA IV Ant 1				WCDMA V Ant 1			
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	23.22	23.31	23.29	24.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.32	23.31	24.00	23.28	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	22.12	22.41	22.44	23.00	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.33	22.24	23.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.82	21.85	22.50	21.87	21.82	21.83	22.50	21.82	21.93	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	21.72	21.77	21.80	22.50	21.69	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.30	22.21	23.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.24	22.34	22.32	23.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.90	21.84	21.94	22.50	21.67	21.77	21.82	22.50	21.86	21.92	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	21.87	21.93	22.50	21.86	21.84	21.71	22.50	21.84	21.91	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	22.11	22.45	22.40	23.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	20.24	20.45	20.26	21.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	21.33	21.36	21.38	22.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.18	20.37	21.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	22.33	22.26	22.32	23.00	22.42	22.36	22.27	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.80	19.67	19.75	20.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.35	23.41	23.34	24.5	0
20	QPSK	1	49	23.39	23.36	23.30		
20	QPSK	1	99	23.38	23.38	23.27		
20	QPSK	50	0	22.38	22.56	22.48	23.5	1
20	QPSK	50	24	22.48	22.42	22.34		
20	QPSK	50	50	22.43	22.41	22.51		
20	QPSK	100	0	22.46	22.51	22.43		
20	16QAM	1	0	22.79	22.83	22.68	23.5	1
20	16QAM	1	49	22.95	22.86	23.01		
20	16QAM	1	99	22.94	22.87	22.88		
20	16QAM	50	0	21.36	21.42	21.32	22.5	2
20	16QAM	50	24	21.44	21.27	21.39		
20	16QAM	50	50	21.43	21.56	21.24		
20	16QAM	100	0	21.38	21.60	21.32		
20	64QAM	1	0	21.78	21.76	21.81	22.5	2
20	64QAM	1	49	21.58	21.82	21.80		
20	64QAM	1	99	21.78	21.68	21.82		
20	64QAM	50	0	20.42	20.46	20.42	21.5	3
20	64QAM	50	24	20.39	20.62	20.57		
20	64QAM	50	50	20.40	20.30	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.66	19.5	5
20	256QAM	1	49	18.51	18.52	18.64		
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34	19.5	5
20	256QAM	50	24	18.30	18.55	18.44		
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.31	23.22	23.27	24.5	0
15	QPSK	1	37	23.31	23.30	23.22		
15	QPSK	1	74	23.31	23.18	23.09		
15	QPSK	36	0	22.23	22.49	22.29	23.5	1
15	QPSK	36	20	22.28	22.33	22.29		
15	QPSK	36	39	22.35	22.30	22.37		
15	QPSK	75	0	22.36	22.44	22.24		
15	16QAM	1	0	22.69	22.77	22.49	23.5	1
15	16QAM	1	37	22.78	22.73	22.89		
15	16QAM	1	74	22.82	22.79	22.84		
15	16QAM	36	0	21.22	21.34	21.13	22.5	2
15	16QAM	36	20	21.25	21.15	21.26		
15	16QAM	36	39	21.37	21.39	21.12		
15	16QAM	75	0	21.21	21.54	21.20		
15	64QAM	1	0	21.59	21.66	21.68	22.5	2
15	64QAM	1	37	21.47	21.66	21.61		
15	64QAM	1	74	21.70	21.49	21.63		
15	64QAM	36	0	20.35	20.36	20.36	21.5	3
15	64QAM	36	20	20.26	20.50	20.42		
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58	19.5	5
15	256QAM	1	37	18.46	18.45	18.54		
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25	19.5	5
15	256QAM	36	20	18.14	18.38	18.33		
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.26	23.26	23.23	24.5	0
10	QPSK	1	25	23.34	23.31	23.25		
10	QPSK	1	49	23.24	23.20	23.22		
10	QPSK	25	0	22.31	22.40	22.30	23.5	1
10	QPSK	25	12	22.39	22.24	22.23		
10	QPSK	25	25	22.27	22.32	22.35		
10	QPSK	50	0	22.41	22.37	22.33		
10	16QAM	1	0	22.64	22.69	22.49	23.5	1
10	16QAM	1	25	22.80	22.68	22.83		
10	16QAM	1	49	22.77	22.69	22.78		
10	16QAM	25	0	21.24	21.22	21.27	22.5	2
10	16QAM	25	12	21.25	21.10	21.29		
10	16QAM	25	25	21.35	21.49	21.06		
10	16QAM	50	0	21.24	21.55	21.23		
10	64QAM	1	0	21.62	21.69	21.75	22.5	2
10	64QAM	1	25	21.45	21.63	21.65		
10	64QAM	1	49	21.60	21.51	21.77		
10	64QAM	25	0	20.34	20.34	20.27	21.5	3
10	64QAM	25	12	20.28	20.47	20.45		
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54	19.5	5
10	256QAM	1	25	18.47	18.48	18.54		
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16	19.5	5
10	256QAM	25	12	18.26	18.49	18.39		
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.29	23.33	23.22	24.5	0
5	QPSK	1	12	23.28	23.23	23.15		
5	QPSK	1	24	23.27	23.29	23.11		
5	QPSK	12	0	22.30	22.42	22.32	23.5	1
5	QPSK	12	7	22.37	22.27	22.14		
5	QPSK	12	13	22.29	22.34	22.34		
5	QPSK	25	0	22.40	22.33	22.38		
5	16QAM	1	0	22.63	22.76	22.60	23.5	1
5	16QAM	1	12	22.79	22.78	22.92		
5	16QAM	1	24	22.83	22.82	22.77		
5	16QAM	12	0	21.27	21.29	21.16	22.5	2
5	16QAM	12	7	21.32	21.17	21.26		
5	16QAM	12	13	21.24	21.45	21.18		
5	16QAM	25	0	21.25	21.53	21.27		
5	64QAM	1	0	21.60	21.62	21.62	22.5	2
5	64QAM	1	12	21.46	21.68	21.65		
5	64QAM	1	24	21.69	21.53	21.68		
5	64QAM	12	0	20.36	20.31	20.31	21.5	3
5	64QAM	12	7	20.30	20.55	20.41		
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50	19.5	5
5	256QAM	1	12	18.33	18.33	18.54		
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30	19.5	5
5	256QAM	12	7	18.21	18.35	18.31		
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
1.4	64QAM	1	5	21.16	21.39	21.04	22.5	2
1.4	64QAM	3	0	21.59	21.49	21.63		
1.4	64QAM	3	1	21.40	21.59	21.54		
1.4	64QAM	3	3	21.50	21.38	21.58		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	3
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	5
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.46	19.5	5

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.31	23.33	23.27	24.5	0
20	QPSK	1	49	23.29	23.25	23.23		
20	QPSK	1	99	23.20	23.23	23.30		
20	QPSK	50	0	22.45	22.46	22.38	23.5	1
20	QPSK	50	24	22.40	22.35	22.40		
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.75	22.70	22.80	23.5	1
20	16QAM	1	49	22.76	22.74	22.58		
20	16QAM	1	99	22.61	22.84	22.60		
20	16QAM	50	0	21.37	21.42	21.39	22.5	2
20	16QAM	50	24	21.42	21.45	21.35		
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68	22.5	2
20	64QAM	1	49	21.43	21.40	21.56		
20	64QAM	1	99	21.60	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64	21.5	3
20	64QAM	50	24	20.42	20.55	20.60		
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52	19.5	5
20	256QAM	1	49	18.60	18.63	18.56		
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59	19.5	5
20	256QAM	50	24	18.55	18.49	18.43		
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.23	23.24	23.21	24.5	0
15	QPSK	1	37	23.11	23.27	23.08		
15	QPSK	1	74	23.05	23.18	23.20		
15	QPSK	36	0	22.32	22.49	22.41	23.5	1
15	QPSK	36	20	22.21	22.48	22.27		
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.55	22.54	22.69	23.5	1
15	16QAM	1	37	22.51	22.61	22.49		
15	16QAM	1	74	22.54	22.73	22.48		
15	16QAM	36	0	21.30	21.35	21.21	22.5	2
15	16QAM	36	20	21.29	21.40	21.16		
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51	22.5	2
15	64QAM	1	37	21.27	21.34	21.41		
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44	21.5	3
15	64QAM	36	20	20.24	20.46	20.43		
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44	19.5	5
15	256QAM	1	37	18.41	18.59	18.49		
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44	19.5	5
15	256QAM	36	20	18.45	18.40	18.34		
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.32	23.24	25.14	24.5	0
10	QPSK	1	25	23.21	23.20	23.11		
10	QPSK	1	49	23.10	23.15	25.13		
10	QPSK	25	0	22.39	22.52	22.35	23.5	1
10	QPSK	25	12	22.27	22.38	22.33		
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61	23.5	1
10	16QAM	1	25	22.64	22.69	22.44		
10	16QAM	1	49	22.41	22.71	22.48		
10	16QAM	25	0	21.18	21.32	21.24	22.5	2
10	16QAM	25	12	21.28	21.36	21.22		
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60	22.5	2
10	64QAM	1	25	21.37	21.25	21.45		
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49	21.5	3
10	64QAM	25	12	20.32	20.44	20.48		
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38	19.5	5
10	256QAM	1	25	18.45	18.49	18.41		
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53	19.5	5
10	256QAM	25	12	18.37	18.39	18.27		
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.28	23.29	25.19	24.5	0
5	QPSK	1	12	23.10	23.29	23.19		
5	QPSK	1	24	23.02	23.19	23.16		
5	QPSK	12	0	22.25	22.49	22.34	23.5	1
5	QPSK	12	7	22.24	22.41	22.29		
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.64	22.74	23.5	1
5	16QAM	1	12	22.58	22.69	22.59		
5	16QAM	1	24	22.54	22.75	22.49		
5	16QAM	12	0	21.18	21.29	21.31	22.5	2
5	16QAM	12	7	21.27	21.28	21.30		
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58	22.5	2
5	64QAM	1	12	21.29	21.29	21.42		
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53	21.5	3
5	64QAM	12	7	20.22	20.43	20.41		
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43	19.5	5
5	256QAM	1	12	18.43	18.53	18.46		
5	256QAM	1	24	18.43	18.24	18.46		
5	256QAM	12	0	18.48	18.31	18.45	19.5	5
5	256QAM	12	7	18.49	18.40	18.36		
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
1.4	64QAM	1	5	21.15	20.98	21.09	22.5	2
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	3
1.4	256QAM	1	0	18.33	19.40	19.41	19.5	5
1.4	256QAM	1	3	18.56	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20450	Power Middle Ch. / 20525	Power High Ch. / 20600	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.97	24.03	24.01	25	0
10	QPSK	1	25	23.87	24.00	23.81		
10	QPSK	1	49	24.00	24.02	23.97		
10	QPSK	25	0	23.09	23.16	23.04	24	1
10	QPSK	25	12	23.08	23.05	22.81		
10	QPSK	25	25	22.82	23.06	22.88		
10	QPSK	50	0	23.03	23.06	22.91		
10	16QAM	1	0	23.10	23.36	23.21	24	1
10	16QAM	1	25	23.49	23.50	23.27		
10	16QAM	1	49	23.31	23.42	23.38		
10	16QAM	25	0	21.94	22.12	21.95	23	2
10	16QAM	25	12	22.06	22.01	22.11		
10	16QAM	25	25	22.00	22.00	22.16		
10	16QAM	50	0	22.24	22.12	22.28		
10	64QAM	1	0	22.25	22.27	22.35	23	2
10	64QAM	1	25	22.41	22.14	22.29		
10	64QAM	1	49	22.40	22.35	22.13		
10	64QAM	25	0	20.93	21.08	21.15	22	3
10	64QAM	25	12	21.06	21.16	21.20		
10	64QAM	25	25	21.11	21.25	21.17		
10	64QAM	50	0	20.90	21.04	20.90		
10	256QAM	1	0	19.30	19.17	19.29	20	5
10	256QAM	1	25	19.30	19.14	19.04		
10	256QAM	1	49	19.25	19.15	19.17		
10	256QAM	25	0	19.21	19.04	19.04	20	5
10	256QAM	25	12	19.15	18.98	18.90		
10	256QAM	25	25	19.20	19.15	19.14		
10	256QAM	50	0	19.13	19.11	19.06		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.89	23.87	25	0
5	QPSK	1	12	23.74	23.82	23.71		
5	QPSK	1	24	23.88	23.82	23.90		
5	QPSK	12	0	22.90	22.98	22.88	24	1
5	QPSK	12	7	23.01	22.95	22.86		
5	QPSK	12	13	22.77	22.95	22.75		
5	QPSK	25	0	22.84	22.98	22.82		
5	16QAM	1	0	23.01	23.17	23.11	24	1
5	16QAM	1	12	23.34	23.30	23.15		
5	16QAM	1	24	23.26	23.38	23.22		
5	16QAM	12	0	21.88	21.96	21.86	23	2
5	16QAM	12	7	21.99	21.97	21.98		
5	16QAM	12	13	21.88	21.83	22.10		
5	16QAM	25	0	22.07	22.00	22.20		
5	64QAM	1	0	22.14	22.14	22.18	23	2
5	64QAM	1	12	22.27	22.01	22.10		
5	64QAM	1	24	22.30	22.26	22.05		
5	64QAM	12	0	20.89	20.89	21.02	22	3
5	64QAM	12	7	20.87	21.03	21.15		
5	64QAM	12	13	21.07	21.17	21.09		
5	64QAM	25	0	20.79	20.95	20.77		
5	256QAM	1	0	19.19	18.99	19.15	20	5
5	256QAM	1	12	19.20	19.07	18.94		
5	256QAM	1	24	19.19	19.06	19.08		
5	256QAM	12	0	19.08	18.86	18.90	20	5
5	256QAM	12	7	19.00	18.91	18.79		
5	256QAM	12	13	19.04	19.07	19.05		
5	256QAM	25	0	18.93	19.10	18.98		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.79	23.93	23.87	25	0
3	QPSK	1	8	23.73	23.83	23.72		
3	QPSK	1	14	23.93	23.92	23.87		
3	QPSK	8	0	22.95	23.05	22.84	24	1
3	QPSK	8	4	22.91	22.93	22.64		
3	QPSK	8	7	22.63	22.99	22.82		
3	QPSK	15	0	22.97	23.01	22.83		
3	16QAM	1	0	22.99	23.28	23.02	24	1
3	16QAM	1	8	23.30	23.37	23.17		
3	16QAM	1	14	23.18	23.36	23.31		
3	16QAM	8	0	21.83	21.96	21.84	23	2
3	16QAM	8	4	21.94	21.95	21.93		
3	16QAM	8	7	21.83	21.85	21.99		
3	16QAM	15	0	22.11	21.96	22.18		
3	64QAM	1	0	22.16	22.15	22.23	23	2
3	64QAM	1	8	22.33	22.04	22.11		
3	64QAM	1	14	22.30	22.20	21.97		
3	64QAM	8	0	20.79	20.89	21.04	22	3
3	64QAM	8	4	20.88	21.12	21.02		
3	64QAM	8	7	20.95	21.05	21.06		
3	64QAM	15	0	20.84	20.97	20.81		
3	256QAM	1	0	19.12	18.98	19.11	20	5
3	256QAM	1	8	19.10	18.97	18.91		
3	256QAM	1	14	19.09	19.04	18.99		
3	256QAM	8	0	19.02	18.93	18.97	20	5
3	256QAM	8	4	19.04	18.93	18.85		
3	256QAM	8	7	19.11	18.95	19.00		
3	256QAM	15	0	19.05	19.07	19.01		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.84	23.89	23.98	25	0
1.4	QPSK	1	3	23.75	23.87	23.72		
1.4	QPSK	1	5	23.82	23.91	23.85		
1.4	QPSK	3	0	23.87	23.94	23.95		
1.4	QPSK	3	1	23.68	23.86	23.70		
1.4	QPSK	3	3	23.81	23.86	23.77		
1.4	QPSK	6	0	22.76	22.86	22.73	24	1
1.4	16QAM	1	0	22.74	22.73	22.53	24	1
1.4	16QAM	1	3	22.59	22.83	22.69		
1.4	16QAM	1	5	22.82	22.89	22.67		
1.4	16QAM	3	0	22.89	23.14	22.87		
1.4	16QAM	3	1	23.18	23.33	23.00		
1.4	16QAM	3	3	23.12	23.18	23.12		
1.4	16QAM	6	0	21.77	21.80	21.76	23	2
1.4	64QAM	1	0	21.83	21.88	21.88	23	2
1.4	64QAM	1	3	21.76	21.79	21.88		
1.4	64QAM	1

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01		
10	QPSK	1	25	23.84	24.05	23.86	25	0
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14		
10	QPSK	25	12	22.97	23.01	23.02	24	1
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11		
10	16QAM	1	25	23.31	23.27	23.17	24	1
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05		
10	16QAM	25	12	22.20	21.98	21.87	23	2
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38		
10	64QAM	1	25	22.19	22.06	22.15	23	2
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08		
10	64QAM	25	12	21.05	20.88	21.11	22	3
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17		
10	256QAM	1	25	19.13	19.11	19.04	20	5
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12		
10	256QAM	25	12	18.97	19.01	18.96	20	5
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87		
5	QPSK	1	12	23.72	23.93	23.76	25	0
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96		
5	QPSK	12	7	22.77	22.91	22.95	24	1
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07		
5	16QAM	1	12	23.26	23.19	23.12	24	1
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92		
5	16QAM	12	7	22.03	21.91	21.70	23	2
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31		
5	64QAM	1	12	22.12	22.00	22.02	23	2
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94		
5	64QAM	12	7	21.00	20.77	21.06	22	3
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.84	19.02	19.05		
5	256QAM	1	12	18.94	18.93	19.00	20	5
5	256QAM	1	24	19.14	19.03	18.90		
5	256QAM	12	0	19.03	19.02	18.97		
5	256QAM	12	7	18.80	18.86	18.88	20	5
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85		
3	QPSK	1	8	23.65	23.94	23.79	25	0
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95		
3	QPSK	8	4	22.82	22.93	22.94	24	1
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02		
3	16QAM	1	8	23.23	23.22	23.04	24	1
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91		
3	16QAM	8	4	22.03	21.80	21.67	23	2
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.84		
3	64QAM	1	0	22.23	22.18	22.19		
3	64QAM	1	8	22.13	21.90	22.09	23	2
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89		
3	64QAM	8	4	20.88	20.83	21.07	22	3
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11		
3	256QAM	1	8	18.94	19.05	19.00	20	5
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04		
3	256QAM	8	4	18.85	18.96	18.81	20	5
3	256QAM	8	7	18.85	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94		
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67	25	0
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78		
1.4	16QAM	1	3	22.93	22.87	22.83		
1.4	16QAM	1	5	22.75	22.83	22.59	24	1
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.94	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59		
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79	23	2
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99		
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14	20	5
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11			
10	QPSK	1	25		24.02		25	0
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15			
10	QPSK	25	12		22.99		24	1
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15			
10	16QAM	1	25		23.21		24	1
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14			
10	16QAM	25	12		22.11		23	2
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24			
10	64QAM	1	25		22.19		23	2
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15			
10	64QAM	25	12		21.11		22	3
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03			
10	256QAM	1	25		18.86		20	5
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05			
10	256QAM	25	12		19.20		20	5
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.98	23.99	23.93		
5	QPSK	1	12	23.94	23.91	23.86	25	0
5	QPSK	1	24	23.87	23.87	23.65		
5	QPSK	12	0	23.01	23.05	23.00		
5	QPSK	12	7	22.88	22.82	22.83	24	1
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02		
5	16QAM	1	12	23.07	23.05	23.01	24	1
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09		
5	16QAM	12	7	21.91	21.94	21.93	23	2
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05		
5	64QAM	1	12	22.00	22.08	22.04	23	2
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05		
5	64QAM	12	7	20.92	20.98	21.01	22	3
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93		
5	256QAM	1	12	18.71	18.87	18.73	20	5
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87		
5	256QAM	12	7	19.08	19.12	19.00	20	5
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.13			
10	QPSK	1	25		24.10		25	0
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12			
10	QPSK	25	12		23.04		24	1
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23			
10	16QAM	1	25		23.16		24	1
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09			
10	16QAM	25	12		22.15		23	2
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13			
10	64QAM	1	25		22.14		23	2
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09			
10	64QAM	25	12		21.25		22	3
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25			
10	256QAM	1	25		19.18		20	5
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13			
10	256QAM	25	12		19.00		20	5
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97		
5	QPSK	1	12	24.05	23.92	23.91	25	0
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94		
5	QPSK	12	7	22.92	22.95	22.85	24	1
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11		
5	16QAM	1	12	22.97	23.10	23.04	24	1
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97		
5	16QAM	12	7	21.98	21.97	22.04	23	2
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09		
5	64QAM	1	12	22.00	22.05	22.01	23	2
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89		
5	64QAM	12	7	21.16	21.14	21.13	22	3
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.08		
5	256QAM	1	12	19.02	19.08	19.05	20	5
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94		
5	256QAM	12	7	18.92	18.86	18.89	20	5
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.39	23.48	23.28		
20	QPSK	1	49	23.25	23.45	23.26	24.5	0
20	QPSK	1	99	23.35	23.43	23.44		
20	QPSK	50	0	22.49	22.57	22.54		
20	QPSK	50	24	22.35	22.53	22.46	23.5	1
20	QPSK	50	50	22.47	22.45	22.44		
20	QPSK	100	0	22.38	22.55	22.30		
20	16QAM	1	0	22.43	22.58	22.30		
20	16QAM	1	49	22.69	22.72	22.49	23.5	1
20	16QAM	1	99	22.71	22.48	22.64		
20	16QAM	50	0	21.70	21.56	21.72		
20	16QAM	50	24	21.56	21.68	21.56	22.5	2
20	16QAM	50	50	21.46	21.58	21.42		
20	16QAM	100	0	21.48	21.70	21.68		
20	64QAM	1	0	21.63	21.62	21.70		
20	64QAM	1	49	21.67	21.68	21.70	22.5	2
20	64QAM	1	99	21.50	21.72	21.52		
20	64QAM	50	0	20.75	20.57	20.59		
20	64QAM	50	24	20.73	20.40	20.58	21.5	3
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.69	18.74		
20	256QAM	1	49	18.84	18.70	18.83	19.5	5
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.52	18.45		
20	256QAM	50	24	18.54	18.66	18.51	19.5	5
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.30	23.38	23.18		
15	QPSK	1	37	23.18	23.34	23.09	24.5	0
15	QPSK	1	74	23.30	23.37	23.27		
15	QPSK	36	0	22.44	22.48	22.35		
15	QPSK	36	20	22.27	22.48	22.34	23.5	1
15	QPSK	36	39	22.37	22.40	22.36		
15	QPSK	75	0	22.32	22.36	22.17		
15	16QAM	1	0	22.36	22.47	22.21		
15	16QAM	1	37	22.65	22.67	22.34	23.5	1
15	16QAM	1	74	22.57	22.38	22.45		
15	16QAM	36	0	21.61	21.37	21.62		
15	16QAM	36	20	21.46	21.57	21.39	22.5	2
15	16QAM	36	39	21.27	21.41	21.36		
15	16QAM	75	0	21.34	21.63	21.55		
15	64QAM	1	0	21.54	21.57	21.64		
15	64QAM	1	37	21.55	21.61	21.65	22.5	2
15	64QAM	1	74	21.32	21.59	21.43		
15	64QAM	36	0	20.71	20.38	20.52		
15	64QAM	36	20	20.66	20.24	20.42	21.5	3
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.38	18.51	18.66		
15	256QAM	1	37	18.66	18.53	18.64	19.5	5
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32		
15	256QAM	36	20	18.35	18.59	18.35	19.5	5
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.24	23.37	23.22		
10	QPSK	1	25	23.11	23.32	23.14	24.5	0
10	QPSK	1	49	23.30	23.34	23.33		
10	QPSK	25	0	22.31	22.46	22.37		
10	QPSK	25	12	22.21	22.45	22.27	23.5	1
10	QPSK	25	25	22.29	22.29	22.32		
10	QPSK	50	0	22.32	22.51	22.21		
10	16QAM	1	0	22.29	22.41	22.16		
10	16QAM	1	25	22.50	22.55	22.30	23.5	1
10	16QAM	1	49	22.62	22.41	22.51		
10	16QAM	25	0	21.60	21.39	21.54		
10	16QAM	25	12	21.37	21.56	21.49	22.5	2
10	16QAM	25	25	21.28	21.38	21.25		
10	16QAM	50	0	21.39	21.54	21.56		
10	64QAM	1	0	21.44	21.43	21.52		
10	64QAM	1	25	21.48	21.60	21.51	22.5	2
10	64QAM	1	49	21.36	21.62	21.40		
10	64QAM	25	0	20.64	20.51	20.49		
10	64QAM	25	12	20.64	20.36	20.52	21.5	3
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.36	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60		
10	256QAM	1	25	18.77	18.65	18.74	19.5	5
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29		
10	256QAM	25	12	18.45	18.58	18.44	19.5	5
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.30	23.36	23.10		
5	QPSK	1	12	23.19	23.31	23.09	24.5	0
5	QPSK	1	24	23.26	23.32	23.31		
5	QPSK	12	0	22.42	22.41	22.44		
5	QPSK	12	7	22.30	22.40	22.29	23.5	1
5	QPSK	12	13	22.31	22.34	22.32		
5	QPSK	25	0	22.18	22.36	22.18		
5	16QAM	1	0	22.37	22.48	22.25		
5	16QAM	1	12	22.55	22.63	22.45	23.5	1
5	16QAM	1	24	22.57	22.41	22.53		
5	16QAM	12	0	21.65	21.51	21.58		
5	16QAM	12	7	21.49	21.63	21.48	22.5	2
5	16QAM	12	13	21.31	21.47	21.33		
5	16QAM	25	0	21.31	21.53	21.60		
5	64QAM	1	0	21.54	21.53	21.53		
5	64QAM	1	12	21.58	21.49	21.52	22.5	2
5	64QAM	1	24	21.32	21.58	21.35		
5	64QAM	12	0	20.62	20.39	20.42		
5	64QAM	12	7	20.65	20.21	20.44	21.5	3
5	64QAM	12	13	20.55	20.53	20.48		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66		
5	256QAM	1	12	18.69	18.50	18.66	19.5	5
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35		
5	256QAM	12	7	18.48	18.51	18.41	19.5	5
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
1.4	64QAM	1	5	21.22	21.38	21.43		
1.4	64QAM	3	0	21.41	21.44	21.40	22.5	2
1.4	64QAM	3	1	21.36	21.37	21.46		
1.4	64QAM	3	3	21.22	21.35	21.32		
1.4	64QAM	6	0	20.46	20.41	20.34	21.5	3
1.4	256QAM	1	0	18.42	18.55	18.63		
1.4	256QAM	1	3	18.72	18.54	18.65		
1.4	256QAM	1	5	18.43	18.40	18.73	19.5	5
1.4	256QAM	3	0	18.48	18.46	18.26		
1.4	256QAM	3	1	18.40	18.58	18.32		
1.4	256QAM	3	3	18.40	18.50	18.20		
1.4	256QAM	6	0	18.31	18.35	18.49	19.5	5

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26840	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82		
15	QPSK	1	37	23.75	23.91	23.67	25	0
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78		
15	QPSK	36	20	22.74	22.95	22.95	24	1
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.78	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06		
15	16QAM	1	37	23.03	22.87	22.92	24	1
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.93	21.89	21.73		
15	16QAM	36	20	21.83	21.88	21.72	23	2
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24		
15	64QAM	1	37	22.11	22.19	22.20	23	2
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87		
15	64QAM	36	20	21.07	21.01	21.04	22	3
15	64QAM	36	39	21.00	20.79	20.90		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12		
15	256QAM	1	37	18.98	19.16	19.18	20	5
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.63	18.65		
15	256QAM	36	20	18.46	18.79	18.59	20	5
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.65		
10	QPSK	1	25	23.57	23.87	23.48	25	0
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.58		
10	QPSK	25	12	22.64	22.84	22.85	24	1
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99		
10	16QAM	1	25	22.90	22.79	22.83	24	1
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.63		
10	16QAM	25	12	21.75	21.84	21.54	23	2
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.65	21.85		
10	64QAM	1	0	22.18	22.07	22.07		
10	64QAM	1	25	21.97	22.10	22.12	23	2
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71		
10	64QAM	25	12	20.98	20.95	20.96	22	3
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94		
10	256QAM	1	25	18.85	19.04	19.05	20	5
10	256QAM	1	49	18.80	19.00	19.09		
10	256QAM	25	0	18.49	18.50	18.57		
10	256QAM	25	12	18.35	18.68	18.30	20	5
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26965	27215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64		
5	QPSK	1	12	23.58	23.85	23.51	25	0
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68		
5	QPSK	12	7	22.56	22.87	22.81	24	1
5	QPSK	12	13	22.78	22.88	22.69		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00		
5	16QAM	1	12	22.91	22.78	22.84	24	1
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.67		
5	16QAM	12	7	21.74	21.79	21.55	23	2
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12		
5	64QAM	1	12	22.04	22.06	22.09	23	2
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67		
5	64QAM	12	7	21.01	20.90	20.98	22	3
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06		
5	256QAM	1	12	18.79	19.05	19.11	20	5
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61		
5	256QAM	12	7	18.34	18.71	18.41	20	5
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26705	26965	27225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69		
3	QPSK	1	8	23.66	23.80	23.55	25	0
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.61		
3	QPSK	8	4	22.69	22.81	22.77	24	1
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97		
3	16QAM	1	8	22.93	22.71	22.81	24	1
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.65		
3	16QAM	8	4	21.74	21.74	21.64	23	2
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.62	21.65	21.92		
3	64QAM	1	0	22.19	22.13	22.19		
3	64QAM	1	8	22.04	22.10	22.15	23	2
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72		
3	64QAM	8	4	20.93	20.86	20.89	22	3
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96		
3	256QAM	1	8	18.87	19.04	19.00	20	5
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60		
3	256QAM	8	4	18.40	18.65	18.31	20	5
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.30	23.35	23.21		
20	QPSK	1	49	23.02	23.19	23.03	24.5	0
20	QPSK	1	99	23.26	23.29	23.22		
20	QPSK	50	0	22.34	22.38	22.11		
20	QPSK	50	24	22.19	22.37	22.19	23.5	1
20	QPSK	50	50	22.18	22.30	22.10		
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25		
20	16QAM	1	49	22.51	22.60	22.54	23.5	1
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15		
20	16QAM	50	24	21.33	21.30	21.18	22.5	2
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.36	21.31	21.46		
20	64QAM	1	49	21.35	21.43	21.14	22.5	2
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20		
20	64QAM	50	24	20.45	20.44	20.39	21.5	3
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50		
20	256QAM	1	49	18.49	18.67	18.55	19.5	5
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.26	18.41	18.31		
20	256QAM	50	24	18.41	18.32	18.38	19.5	5
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.20	23.19	23.13		
15	QPSK	1	37	22.97	23.05	22.88	24.5	0
15	QPSK	1	74	23.16	23.21	23.08		
15	QPSK	36	0	22.23	22.29	22.00		
15	QPSK	36	20	22.08	22.28	22.12	23.5	1
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21		
15	16QAM	1	37	22.32	22.49	22.49	23.5	1
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09		
15	16QAM	36	20	21.16	21.24	21.05	22.5	2
15	16QAM	36	39	21.05	21.16	21.31		
15	16QAM	75	0	21.19	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28		
15	64QAM	1	37	21.18	21.32	21.09	22.5	2
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07		
15	64QAM	36	20	20.26	20.27	20.23	21.5	3
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39		
15	256QAM	1	37	18.43	18.59	18.44	19.5	5
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16		
15	256QAM	36	20	18.34	18.27	18.23	19.5	5
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.10	23.31	23.06		
10	QPSK	1	25	22.91	23.00	22.98	24.5	0
10	QPSK	1	49	23.11	23.17	23.09		
10	QPSK	25	0	22.12	22.25	22.02		
10	QPSK	25	12	22.11	22.29	22.09	23.5	1
10	QPSK	25	25	22.09	22.21	22.01		
10	QPSK	50	0	22.27	22.20	22.16		
10	16QAM	1	0	22.47	22.37	22.07		
10	16QAM	1	25	22.44	22.49	22.35	23.5	1
10	16QAM	1	49	22.36	22.23	22.49		
10	16QAM	25	0	21.20	21.20	21.10		
10	16QAM	25	12	21.27	21.19	21.11	22.5	2
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41		
10	64QAM	1	25	21.30	21.29	21.03	22.5	2
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13		
10	64QAM	25	12	20.39	20.35	20.33	21.5	3
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43		
10	256QAM	1	25	18.30	18.55	18.49	19.5	5
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25		
10	256QAM	25	12	18.22	18.23	18.26	19.5	5
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.21	23.23	23.07		
5	QPSK	1	12	22.85	23.14	22.93	24.5	0
5	QPSK	1	24	23.08	23.17	23.05		
5	QPSK	12	0	22.27	22.33	21.93		
5	QPSK	12	7	22.02	22.29	22.09	23.5	1
5	QPSK	12	13	22.06	22.21	21.93		
5	QPSK	25	0	22.34	22.17	22.18		
5	16QAM	1	0	22.47	22.25	22.19		
5	16QAM	1	12	22.35	22.47	22.44	23.5	1
5	16QAM	1	24	22.41	22.21	22.59		
5	16QAM	12	0	21.26	21.13	21.06		
5	16QAM	12	7	21.24	21.18	21.09	22.5	2
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37		
5	64QAM	1	12	21.19	21.36	20.97	22.5	2
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13		
5	64QAM	12	7	20.39	20.30	20.24	21.5	3
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44		
5	256QAM	1	12	18.42	18.63	18.49	19.5	5
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24		
5	256QAM	12	7	18.38	18.16	18.30	19.5	5
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
1.4	64QAM	1	5	20.96	20.88	21.02		
1.4	64QAM	3	0	21.09	21.05	21.23	22.5	2
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	3
1.4	256QAM	1	0	18.35	18.36	18.31		
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39	19.5	5
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	5

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65		
20	QPSK	1	49	23.70	23.65	23.62	25	0
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70		
20	QPSK	50	24	22.66	22.79	22.60	24	1
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10		
20	16QAM	1	49	23.17	23.06	23.13	24	1
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67		
20	16QAM	50	24	21.72	21.70	21.91	23	2
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.28	22.11	22.25		
20	64QAM	1	49	22.02	21.98	21.96	23	2
20	64QAM	1	99	21.99	22.10	22.18		
20	64QAM	50	0	20.93	20.76	20.78		
20	64QAM	50	24	20.80	20.85	20.71	22	3
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90		
20	256QAM	1	49	18.87	18.88	19.00	20	5
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74		
20	256QAM	50	24	18.80	18.89	18.98	20	5
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.63	23.48		
15	QPSK	1	37	23.66	23.59	23.44	25	0
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.65	22.57		
15	QPSK	36	20	22.49	22.65	22.42	24	1
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.65	22.51		
15	16QAM	1	0	22.66	22.99	22.94		
15	16QAM	1	37	23.08	22.99	23.02	24	1
15	16QAM	1	74	22.87	22.88	23.03		
15	16QAM	36	0	21.73	21.69	21.48		
15	16QAM	36	20	21.64	21.55	21.86	23	2
15	16QAM	36	39	21.62	21.86	21.56		
15	16QAM	75	0	21.84	21.48	21.56		
15	64QAM	1	0	22.22	22.05	22.21		
15	64QAM	1	37	21.87	21.83	21.79	23	2
15	64QAM	1	74	21.83	22.03	22.10		
15	64QAM	36	0	20.84	20.71	20.65		
15	64QAM	36	20	20.64	20.76	20.52	22	3
15	64QAM	36	39	20.78	20.54	20.43		
15	64QAM	75	0	20.42	20.84	20.73		
15	256QAM	1	0	18.66	18.85	18.85		
15	256QAM	1	37	18.69	18.82	18.81	20	5
15	256QAM	1	74	18.71	18.81	18.80		
15	256QAM	36	0	18.64	18.76	18.55		
15	256QAM	36	20	18.65	18.82	18.93	20	5
15	256QAM	36	39	18.81	18.72	18.63		
15	256QAM	75	0	18.77	18.52	18.85		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.55	23.66	23.59		
10	QPSK	1	25	23.58	23.46	23.51	25	0
10	QPSK	1	49	23.46	23.42	23.20		
10	QPSK	25	0	22.51	22.66	22.51		
10	QPSK	25	12	22.54	22.69	22.48	24	1
10	QPSK	25	25	22.39	22.68	22.48		
10	QPSK	50	0	22.59	22.67	22.51		
10	16QAM	1	0	22.66	22.98	22.91		
10	16QAM	1	25	23.04	22.97	23.03	24	1
10	16QAM	1	49	22.82	22.89	22.96		
10	16QAM	25	0	21.80	21.63	21.62		
10	16QAM	25	12	21.62	21.61	21.80	23	2
10	16QAM	25	25	21.67	21.80	21.47		
10	16QAM	50	0	21.87	21.47	21.62		
10	64QAM	1	0	22.24	21.99	22.12		
10	64QAM	1	25	21.83	21.93	21.84	23	2
10	64QAM	1	49	21.81	21.99	22.06		
10	64QAM	25	0	20.88	20.65	20.66		
10	64QAM	25	12	20.70	20.75	20.65	22	3
10	64QAM	25	25	20.80	20.65	20.39		
10	64QAM	50	0	20.53	20.74	20.66		
10	256QAM	1	0	18.75	18.81	18.82		
10	256QAM	1	25	18.78	18.82	18.81	20	5
10	256QAM	1	49	18.62	18.80	18.75		
10	256QAM	25	0	18.69	18.66	18.60		
10	256QAM	25	12	18.63	18.81	18.94	20	5
10	256QAM	25	25	18.85	18.77	18.56		
10	256QAM	50	0	18.70	18.57	18.73		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.60	23.54	23.51		
5	QPSK	1	12	23.59	23.50	23.53	25	0
5	QPSK	1	24	23.44	23.47	23.21		
5	QPSK	12	0	22.53	22.65	22.55		
5	QPSK	12	7	22.49	22.62	22.53	24	1
5	QPSK	12	13	22.41	22.66	22.36		
5	QPSK	25	0	22.60	22.70	22.55		
5	16QAM	1	0	22.67	22.88	23.01		
5	16QAM	1	12	23.07	22.93	23.06	24	1
5	16QAM	1	24	22.87	22.90	23.06		
5	16QAM	12	0	21.80	21.68	21.59		
5	16QAM	12	7	21.58	21.63	21.86	23	2
5	16QAM	12	13	21.61	21.86	21.55		
5	16QAM	25	0	21.76	21.51	21.52		
5	64QAM	1	0	22.10	22.05	22.18		
5	64QAM	1	12	21.93	21.80	21.81	23	2
5	64QAM	1	24	21.83	21.99	22.10		
5	64QAM	12	0	20.87	20.70	20.64		
5	64QAM	12	7	20.65	20.78	20.55	22	3
5	64QAM	12	13	20.79	20.64	20.54		
5	64QAM	25	0	20.47	20.77	20.75		
5	256QAM	1	0	18.70	18.83	18.78		
5	256QAM	1	12	18.67	18.79	18.82	20	5
5	256QAM	1	24	18.70	18.83	18.77		
5	256QAM	12	0	18.75	18.74	18.64		
5	256QAM	12	7	18.75	18.74	18.79	20	5
5	256QAM	12	13	18.92	18.72	18.58		
5	256QAM	25	0	18.66	18.54	18.79		

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.99	23.15	23.12	24	0
20	QPSK	1	49	22.97	23.09	22.88		
20	QPSK	1	99	22.97	23.06	22.89		
20	QPSK	50	0	22.25	22.29	22.09	23	1
20	QPSK	50	24	21.97	22.22	22.08		
20	QPSK	50	50	22.18	22.24	22.13		
20	QPSK	100	0	22.10	22.27	21.98		
20	16QAM	1	0	21.98	22.04	22.12	23	1
20	16QAM	1	49	22.07	21.97	21.89		
20	16QAM	1	99	22.09	22.02	22.00		
20	16QAM	50	0	21.36	21.26	21.33	22	2
20	16QAM	50	24	21.14	21.16	21.35		
20	16QAM	50	50	21.40	21.19	21.26		
20	16QAM	100	0	21.11	21.28	21.31		
20	64QAM	1	0	21.24	21.21	21.37	22	2
20	64QAM	1	49	21.36	21.08	21.22		
20	64QAM	1	99	21.37	21.03	21.06		
20	64QAM	50	0	20.16	20.26	20.40	21	3
20	64QAM	50	24	20.17	20.23	20.30		
20	64QAM	50	50	20.32	20.19	20.40		
20	64QAM	100	0	20.12	20.31	20.28		
20	256QAM	1	0	18.22	18.13	18.08	19	5
20	256QAM	1	49	18.10	17.96	18.28		
20	256QAM	1	99	18.11	18.20	18.22		
20	256QAM	50	0	18.05	18.19	18.32	19	5
20	256QAM	50	24	18.21	18.20	18.22		
20	256QAM	50	50	18.04	18.15	18.05		
20	256QAM	100	0	18.20	18.19	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.85	22.95	22.97	24	0
15	QPSK	1	37	22.92	22.90	22.82		
15	QPSK	1	74	22.89	22.92	22.70		
15	QPSK	36	0	22.20	22.17	21.93	23	1
15	QPSK	36	20	21.79	22.15	21.99		
15	QPSK	36	39	22.00	22.16	22.04		
15	QPSK	75	0	21.96	22.11	21.83		
15	16QAM	1	0	21.81	21.87	22.01	23	1
15	16QAM	1	37	21.91	21.92	21.76		
15	16QAM	1	74	21.97	21.89	21.82		
15	16QAM	36	0	21.31	21.12	21.19	22	2
15	16QAM	36	20	20.96	21.10	21.28		
15	16QAM	36	39	21.36	21.01	21.18		
15	16QAM	75	0	20.95	21.13	21.22		
15	64QAM	1	0	21.11	21.05	21.24	22	2
15	64QAM	1	37	21.28	20.96	21.05		
15	64QAM	1	74	21.23	20.94	20.87		
15	64QAM	36	0	20.02	20.19	20.23	21	3
15	64QAM	36	20	20.09	20.18	20.24		
15	64QAM	36	39	20.25	20.13	20.31		
15	64QAM	75	0	19.97	20.20	20.10		
15	256QAM	1	0	18.09	18.06	17.96	19	5
15	256QAM	1	37	18.04	17.77	18.17		
15	256QAM	1	74	17.92	18.11	18.18		
15	256QAM	36	0	17.94	18.11	18.22	19	5
15	256QAM	36	20	18.13	18.04	18.13		
15	256QAM	36	39	17.91	18.05	17.93		
15	256QAM	75	0	18.07	18.12	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	23.10	23.03	24	0
10	QPSK	1	25	22.85	23.00	22.70		
10	QPSK	1	49	22.81	22.99	22.74		
10	QPSK	25	0	22.14	22.14	21.97	23	1
10	QPSK	25	12	21.92	22.03	21.92		
10	QPSK	25	25	22.08	22.14	22.02		
10	QPSK	50	0	21.96	22.22	21.84		
10	16QAM	1	0	21.86	21.96	21.94	23	1
10	16QAM	1	25	22.00	21.88	21.70		
10	16QAM	1	49	21.89	21.94	21.86		
10	16QAM	25	0	21.25	21.19	21.24	22	2
10	16QAM	25	12	21.08	20.97	21.21		
10	16QAM	25	25	21.35	21.07	21.14		
10	16QAM	50	0	21.05	21.20	21.26		
10	64QAM	1	0	21.04	21.06	21.31	22	2
10	64QAM	1	25	21.29	20.90	21.10		
10	64QAM	1	49	21.19	20.90	20.91		
10	64QAM	25	0	20.06	20.18	20.23	21	3
10	64QAM	25	12	20.05	20.18	20.11		
10	64QAM	25	25	20.15	20.11	20.20		
10	64QAM	50	0	19.92	20.12	20.19		
10	256QAM	1	0	18.14	18.02	17.92	19	5
10	256QAM	1	25	18.06	17.83	18.14		
10	256QAM	1	49	18.02	18.08	18.06		
10	256QAM	25	0	17.85	18.10	18.13	19	5
10	256QAM	25	12	18.17	18.14	18.11		
10	256QAM	25	25	18.00	18.02	17.90		
10	256QAM	50	0	18.13	18.05	18.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.85	23.09	23.05	24	0
5	QPSK	1	12	22.90	23.01	22.75		
5	QPSK	1	24	22.90	22.87	22.80		
5	QPSK	12	0	22.11	22.23	22.02	23	1
5	QPSK	12	7	21.89	22.09	21.90		
5	QPSK	12	13	22.08	22.12	21.94		
5	QPSK	25	0	21.90	22.11	21.86		
5	16QAM	1	0	21.90	21.89	21.94	23	1
5	16QAM	1	12	21.94	21.83	21.71		
5	16QAM	1	24	21.93	21.86	21.80		
5	16QAM	12	0	21.19	21.09	21.22	22	2
5	16QAM	12	7	21.09	21.04	21.15		
5	16QAM	12	13	21.32	21.07	21.22		
5	16QAM	25	0	21.01	21.20	21.24		
5	64QAM	1	0	21.07	21.05	21.25	22	2
5	64QAM	1	12	21.22	20.88	21.17		
5	64QAM	1	24	21.27	20.93	20.91		
5	64QAM	12	0	20.01	20.16	20.31	21	3
5	64QAM	12	7	20.13	20.17	20.12		
5	64QAM	12	13	20.13	19.99	20.36		
5	64QAM	25	0	20.07	20.14	20.12		
5	256QAM	1	0	18.15	17.95	18.01	19	5
5	256QAM	1	12	17.92	17.81	18.22		
5	256QAM	1	24	18.02	18.04	18.05		
5	256QAM	12	0	17.89	18.05	18.26	19	5
5	256QAM	12	7	18.11	18.14	18.12		
5	256QAM	12	13	17.99	18.05	17.88		
5	256QAM	25	0	18.08	18.10	18.12		

LTE Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	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	22.96	23.02	23.14	23.05	23.06	24	0
20	QPSK	1	49	22.85	22.93	23.03	22.93	22.83		
20	QPSK	1	99	22.95	22.84	23.09	22.91	23.12		
20	QPSK	50	0	22.19	22.23	22.26	22.20	22.13	23	1
20	QPSK	50	24	22.23	22.25	22.18	22.22	22.04		
20	QPSK	50	50	22.03	22.18	22.15	21.99	22.14		
20	QPSK	100	0	22.16	22.08	22.24	22.19	22.19		
20	16QAM	1	0	22.02	22.07	22.12	22.19	21.88	23	1
20	16QAM	1	49	21.95	22.21	22.29	21.98	22.14		
20	16QAM	1	99	22.01	22.28	22.00	22.13	22.28		
20	16QAM	50	0	21.03	21.19	21.18	21.10	21.17	22	2
20	16QAM	50	24	21.35	21.06	21.13	21.20	21.31		
20	16QAM	50	50	21.30	21.24	21.28	21.35	21.31		
20	16QAM	100	0	21.20	21.30	21.30	21.16	21.09		
20	64QAM	1	0	21.15	21.27	21.15	21.09	21.11	22	2
20	64QAM	1	49	20.98	20.97	21.09	21.16	21.17		
20	64QAM	1	99	21.00	21.06	21.29	21.14	21.27		
20	64QAM	50	0	20.08	20.07	20.19	20.30	20.35	21	3
20	64QAM	50	24	20.22	20.31	20.28	20.10	20.33		
20	64QAM	50	50	20.25	20.10	20.34	20.21	20.26		
20	64QAM	100	0	20.08	20.33	20.20	20.25	20.07		
20	256QAM	1	0	18.16	18.33	18.21	18.08	18.12	19	5
20	256QAM	1	49	18.28	18.16	18.29	18.30	18.24		
20	256QAM	1	99	18.24	18.08	18.19	18.12	18.29		
20	256QAM	50	0	17.99	18.01	18.14	18.13	18.10	19	5
20	256QAM	50	24	18.14	17.97	18.00	18.08	18.11		
20	256QAM	50	50	18.12	18.13	18.00	17.98	18.16		
20	256QAM	100	0	18.30	18.22	18.20	18.31	18.17		
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	22.84	22.88	23.02	22.89	22.88	24.00	0
15	QPSK	1	37	22.74	22.79	22.97	22.74	22.68		
15	QPSK	1	74	22.77	22.67	22.94	22.73	23.05		
15	QPSK	36	0	21.99	22.19	22.13	22.01	22.04	23	1
15	QPSK	36	20	22.16	22.14	22.01	22.13	21.96		
15	QPSK	36	39	21.93	22.10	22.03	21.91	22.08		
15	QPSK	75	0	21.99	21.99	22.15	22.10	22.05		
15	16QAM	1	0	21.86	21.95	21.95	22.07	21.84	23	1
15	16QAM	1	37	21.89	22.05	22.16	21.88	22.05		
15	16QAM	1	74	21.88	22.17	21.87	22.06	22.17		
15	16QAM	36	0	20.84	21.05	21.11	21.01	21.07	22	2
15	16QAM	36	20	21.16	20.86	20.96	21.09	21.25		
15	16QAM	36	39	21.24	21.08	21.11	21.18	21.21		
15	16QAM	75	0	21.16	21.20	21.22	20.99	20.90		
15	64QAM	1	0	21.08	21.15	21.03	20.93	20.97	22	2
15	64QAM	1	37	20.85	20.81	20.92	21.02	21.01		
15	64QAM	1	74	20.96	20.88	21.18	21.03	21.11		
15	64QAM	36	0	19.92	19.92	20.07	20.10	20.19	21	3
15	64QAM	36	20	20.15	20.25	20.14	19.99	20.29		
15	64QAM	36	39	20.13	19.93	20.23	20.02	20.19		
15	64QAM	75	0	19.91	20.13	20.07	20.08	19.97		
15	256QAM	1	0	18.09	18.16	18.03	17.92	18.07	19	5
15	256QAM	1	37	18.20	18.10	18.17	18.12	18.19		
15	256QAM	1	74	18.11	17.94	18.00	17.93	18.14		
15	256QAM	36	0	17.84	17.95	17.95	18.01	18.00	19	5
15	256QAM	36	20	18.02	17.90	17.89	18.02	18.01		
15	256QAM	36	39	17.98	18.07	17.93	17.89	18.11		
15	256QAM	75	0	18.16	18.09	18.06	18.13	18.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.84	22.97	23.08	22.87	22.92	24.00	0
10	QPSK	1	25	22.78	22.73	22.99	22.87	22.68		
10	QPSK	1	49	22.82	22.66	23.01	22.87	23.08		
10	QPSK	25	0	22.13	22.07	22.10	22.04	22.08	23	1
10	QPSK	25	12	22.06	22.20	22.10	22.13	21.84		
10	QPSK	25	25	21.87	22.12	21.99	21.90	22.06		
10	QPSK	50	0	22.11	21.92	22.09	22.03	22.05		
10	16QAM	1	0	21.83	21.91	22.01	22.14	21.78	23	1
10	16QAM	1	25	21.89	22.15	22.21	21.86	21.94		
10	16QAM	1	49	21.86	22.10	21.96	21.95	22.18		
10	16QAM	25	0	20.91	21.07	21.09	20.93	21.05	22	2
10	16QAM	25	12	21.30	20.95	20.97	21.00	21.14		
10	16QAM	25	25	21.17	21.17	21.19	21.17	21.18		
10	16QAM	50	0	21.03	21.11	21.20	21.00	21.04		
10	64QAM	1	0	21.03	21.19	21.10	20.95	21.04	22	2
10	64QAM	1	25	20.81	20.85	20.94	21.01	21.01		
10	64QAM	1	49	20.89	20.93	21.11	21.05	21.08		
10	64QAM	25	0	19.90	19.95	20.05	20.16	20.16	21	3
10	64QAM	25	12	20.08	20.11	20.08	20.01	20.26		
10	64QAM	25	25	20.19	20.06	20.22	20.12	20.17		
10	64QAM	50	0	19.98	20.21	20.06	20.05	19.93		
10	256QAM	1	0	18.09	18.28	18.06	17.91	18.00	19	5
10	256QAM	1	25	18.13	18.01	18.13	18.15	18.11		
10	256QAM	1	49	18.16	17.98	17.99	18.08	18.18		
10	256QAM	25	0	17.86	17.95	17.97	17.99	17.92	19	5
10	256QAM	25	12	18.08	17.89	17.93	17.90	18.07		
10	256QAM	25	25	17.93	18.08	17.91	17.83	17.98		
10	256QAM	50	0	18.19	18.05	18.08	18.17	18.10		
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	22.80	22.97	23.06	22.96	22.89	24.00	0
5	QPSK	1	12	22.72	22.79	22.91	22.81	22.67		
5	QPSK	1	24	22.90	22.67	22.97	22.85	22.92		
5	QPSK	12	0	22.06	22.10	22.19	22.14	21.97	23	1
5	QPSK	12	7	22.13	22.17	22.08	22.09	21.95		
5	QPSK	12	13	21.88	22.07	22.11	21.95	21.97		
5	QPSK	25	0	22.06	21.90	22.05	21.99	22.11		
5	16QAM	1	0	21.88	22.02	22.04	22.05	21.75	23	1
5	16QAM	1	12	21.75	22.12	22.25	21.78	22.07		
5	16QAM	1	24	21.88	22.21	21.82	22.06	22.17		
5	16QAM	12	0	20.89	21.11	21.09	20.93	21.01	22	2
5	16QAM	12	7	21.18	20.88	21.04	21.12	21.27		
5	16QAM	12	13	21.19	21.12	21.09	21.29	21.23		
5	16QAM	25	0	21.08	21.19	21.10	21.08	21.02		
5	64QAM	1	0	21.10	21.10	20.97	20.95	20.98	22	2
5	64QAM	1	12	20.89	20.89	20.93	21.04	21.09		
5	64QAM	1	24	20.93	20.95	21.12	21.08	21.23		
5	64QAM	12	0	19.95	19.90	20.13	20.25	20.28	21	3
5	64QAM	12	7	20.14	20.13	20.11	20.04	20.22		
5	64QAM	12	13	20.10	19.98	20.15	20.14	20.10		
5	64QAM	25	0	20.00	20.17	20.14	20.16	20.00		
5	256QAM	1	0	18.00	18.27	18.11	17.93	17.98	19	5
5	256QAM	1	12	18.13	17.98	18.22	18.22	18.11		
5	256QAM	1	24	18.18	17.91	18.06	17.98	18.20		
5	256QAM	12	0	17.83	17.87	18.09	18.00	17.94	19	5
5	256QAM	12	7	18.08	17.79	17.90	17.98	18.00		
5	256QAM	12	13	17.94	17.93	17.87	17.85	18.01		
5	256QAM	25	0	18.25	18.14	18.10	18.27	18.05		

LTE Band 41_HPUE Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power Middle Ch. /	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.95	25.98	26.15	26.10	26.01	27	0
20	QPSK	1	49	25.96	25.87	26.04	25.87	25.96		
20	QPSK	1	99	26.08	25.92	26.12	25.92	25.87		
20	QPSK	50	0	25.12	25.17	25.21	25.02	25.08	26	1
20	QPSK	50	24	25.17	24.89	25.14	25.17	24.93		
20	QPSK	50	50	25.12	24.84	25.10	24.86	25.11		
20	QPSK	100	0	25.10	25.05	25.18	24.87	25.17		
20	16QAM	1	0	25.20	25.19	25.28	25.31	25.30	26	1
20	16QAM	1	49	25.35	25.18	25.24	25.37	25.23		
20	16QAM	1	99	25.40	25.37	25.13	25.32	25.13		
20	16QAM	50	0	24.00	24.07	24.07	24.24	24.14	25	2
20	16QAM	50	24	24.20	24.11	24.01	24.21	24.00		
20	16QAM	50	50	23.96	23.90	24.21	24.01	24.21		
20	16QAM	100	0	24.13	24.03	24.12	24.19	23.97		
20	64QAM	1	0	24.43	24.43	24.52	24.46	24.56	25	2
20	64QAM	1	49	24.39	24.61	24.41	24.57	24.61		
20	64QAM	1	99	24.37	24.52	24.50	24.46	24.59		
20	64QAM	50	0	23.16	22.91	23.09	23.07	23.23	24	3
20	64QAM	50	24	23.03	23.14	23.15	23.16	23.25		
20	64QAM	50	50	23.13	23.19	23.11	23.21	22.93		
20	64QAM	100	0	22.94	23.26	22.99	23.24	23.08		
20	256QAM	1	0	21.03	21.08	21.07	21.17	21.15	22	5
20	256QAM	1	49	21.11	21.22	21.17	20.96	21.11		
20	256QAM	1	99	20.92	21.23	21.23	21.06	20.93		
20	256QAM	50	0	20.96	21.12	21.08	21.02	20.96	22	5
20	256QAM	50	24	20.91	21.01	21.01	21.15	20.95		
20	256QAM	50	50	21.02	20.90	20.97	21.08	21.13		
20	256QAM	100	0	21.23	21.25	21.11	21.24	21.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.87	25.80	26.09	25.95	25.84	27.00	0
15	QPSK	1	37	25.87	25.80	25.91	25.71	25.78		
15	QPSK	1	74	25.90	25.77	26.01	25.86	25.79		
15	QPSK	36	0	24.93	24.99	25.14	24.94	24.99	26	1
15	QPSK	36	20	25.03	24.78	24.95	25.01	24.76		
15	QPSK	36	39	24.99	24.71	25.01	24.80	25.04		
15	QPSK	75	0	24.94	24.94	25.13	24.76	25.13		
15	16QAM	1	0	25.12	25.04	25.08	25.25	25.20	26	1
15	16QAM	1	37	25.25	25.02	25.20	25.33	25.08		
15	16QAM	1	74	25.22	25.18	25.07	25.16	25.00		
15	16QAM	36	0	23.92	23.91	23.93	24.13	23.98	25	2
15	16QAM	36	20	24.06	23.96	23.91	24.14	23.91		
15	16QAM	36	39	23.77	23.81	24.13	23.87	24.09		
15	16QAM	75	0	24.03	23.85	23.94	24.10	23.82		
15	64QAM	1	0	24.24	24.24	24.39	24.37	24.41	25	2
15	64QAM	1	37	24.24	24.56	24.23	24.44	24.56		
15	64QAM	1	74	24.19	24.37	24.32	24.42	24.45		
15	64QAM	36	0	23.01	22.82	22.90	22.97	23.13	24	3
15	64QAM	36	20	22.91	22.97	23.01	23.11	23.11		
15	64QAM	36	39	22.99	23.10	23.05	23.02	22.87		
15	64QAM	75	0	22.85	23.21	22.94	23.19	23.02		
15	256QAM	1	0	20.83	20.97	20.88	20.98	21.02	22	5
15	256QAM	1	37	20.93	21.16	21.04	20.86	21.01		
15	256QAM	1	74	20.78	21.11	21.14	20.93	20.76		
15	256QAM	36	0	20.85	20.97	21.00	20.93	20.88	22	5
15	256QAM	36	20	20.76	20.84	20.90	21.01	20.84		
15	256QAM	36	39	20.96	20.75	20.80	20.93	21.06		
15	256QAM	75	0	21.12	21.19	20.97	21.18	21.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.86	26.06	25.92	25.84	27.00	0
10	QPSK	1	25	25.78	25.80	25.93	25.67	25.78		
10	QPSK	1	49	25.95	25.74	25.95	25.79	25.76		
10	QPSK	25	0	24.98	25.01	25.16	24.95	24.99	26	1
10	QPSK	25	12	25.08	24.70	25.10	25.10	24.84		
10	QPSK	25	25	24.98	24.76	24.93	24.78	24.98		
10	QPSK	50	0	24.92	24.88	25.09	24.76	25.12		
10	16QAM	1	0	25.09	25.02	25.21	25.15	25.14	26	1
10	16QAM	1	25	25.18	25.06	25.15	25.29	25.09		
10	16QAM	1	49	25.33	25.19	24.98	25.16	25.02		
10	16QAM	25	0	23.87	24.03	23.98	24.14	24.08	25	2
10	16QAM	25	12	24.04	24.01	23.96	24.04	23.94		
10	16QAM	25	25	23.91	23.75	24.15	23.85	24.02		
10	16QAM	50	0	23.99	23.93	23.97	24.03	23.82		
10	64QAM	1	0	24.27	24.35	24.35	24.39	24.37	25	2
10	64QAM	1	25	24.23	24.53	24.32	24.46	24.47		
10	64QAM	1	49	24.21	24.45	24.34	24.35	24.48		
10	64QAM	25	0	23.00	22.77	22.98	22.97	23.10	24	3
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LTE Band 42
FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.60	22.70	22.59	24	0
20	QPSK	1	49	22.47	22.58	22.53		
20	QPSK	1	99	22.64	22.60	22.58		
20	QPSK	50	0	21.68	21.85	21.62	23	1
20	QPSK	50	24	21.73	21.85	21.56		
20	QPSK	50	50	21.81	21.76	21.54		
20	QPSK	100	0	21.67	21.72	21.68		
20	16QAM	1	0	21.30	21.61	21.63	23	1
20	16QAM	1	49	21.63	21.57	21.71		
20	16QAM	1	99	21.66	21.58	21.66		
20	16QAM	50	0	20.73	20.66	20.67	22	2
20	16QAM	50	24	20.52	20.77	20.70		
20	16QAM	50	50	20.80	20.50	20.72		
20	16QAM	100	0	20.63	20.56	20.56		
20	64QAM	1	0	20.70	20.73	20.79	22	2
20	64QAM	1	49	20.86	20.83	20.66		
20	64QAM	1	99	20.63	20.89	20.89		
20	64QAM	50	0	19.78	19.68	19.55	21	3
20	64QAM	50	24	19.86	19.62	19.73		
20	64QAM	50	50	19.74	19.72	19.59		
20	64QAM	100	0	19.61	19.72	19.62		
20	256QAM	1	0	17.73	17.68	17.77	19	5
20	256QAM	1	49	17.81	17.72	17.48		
20	256QAM	1	99	17.64	17.57	17.55		
20	256QAM	50	0	17.82	17.75	17.78	19	5
20	256QAM	50	24	17.62	17.79	17.59		
20	256QAM	50	50	17.61	17.61	17.70		
20	256QAM	100	0	17.84	17.75	17.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.55	22.62	22.47	24	0
15	QPSK	1	37	22.41	22.49	22.49		
15	QPSK	1	74	22.55	22.51	22.53		
15	QPSK	36	0	21.61	21.71	21.58	23	1
15	QPSK	36	20	21.67	21.74	21.53		
15	QPSK	36	39	21.76	21.74	21.41		
15	QPSK	75	0	21.55	21.61	21.56		
15	16QAM	1	0	21.21	21.54	21.58	23	1
15	16QAM	1	37	21.59	21.50	21.68		
15	16QAM	1	74	21.61	21.50	21.63		
15	16QAM	36	0	20.59	20.54	20.55	22	2
15	16QAM	36	20	20.46	20.66	20.62		
15	16QAM	36	39	20.76	20.47	20.66		
15	16QAM	75	0	20.50	20.51	20.54		
15	64QAM	1	0	20.57	20.67	20.70	22	2
15	64QAM	1	37	20.73	20.76	20.59		
15	64QAM	1	74	20.58	20.82	20.82		
15	64QAM	36	0	19.76	19.61	19.45	21	3
15	64QAM	36	20	19.76	19.57	19.67		
15	64QAM	36	39	19.61	19.63	19.49		
15	64QAM	75	0	19.55	19.59	19.50		
15	256QAM	1	0	17.67	17.61	17.67	19	5
15	256QAM	1	37	17.69	17.64	17.38		
15	256QAM	1	74	17.52	17.48	17.52		
15	256QAM	36	0	17.72	17.63	17.75	19	5
15	256QAM	36	20	17.49	17.70	17.54		
15	256QAM	36	39	17.48	17.51	17.65		
15	256QAM	75	0	17.75	17.72	17.60		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.55	22.65	22.51	24	0
10	QPSK	1	25	22.37	22.50	22.51		
10	QPSK	1	49	22.56	22.56	22.54		
10	QPSK	25	0	21.55	21.73	21.59	23	1
10	QPSK	25	12	21.61	21.73	21.43		
10	QPSK	25	25	21.77	21.70	21.47		
10	QPSK	50	0	21.62	21.63	21.62		
10	16QAM	1	0	21.24	21.48	21.56	23	1
10	16QAM	1	25	21.59	21.50	21.59		
10	16QAM	1	49	21.58	21.52	21.53		
10	16QAM	25	0	20.68	20.57	20.60	22	2
10	16QAM	25	12	20.47	20.63	20.62		
10	16QAM	25	25	20.77	20.38	20.62		
10	16QAM	50	0	20.55	20.50	20.47		
10	64QAM	1	0	20.61	20.63	20.72	22	2
10	64QAM	1	25	20.79	20.70	20.53		
10	64QAM	1	49	20.56	20.82	20.76		
10	64QAM	25	0	19.66	19.55	19.43	21	3
10	64QAM	25	12	19.84	19.58	19.70		
10	64QAM	25	25	19.70	19.60	19.48		
10	64QAM	50	0	19.58	19.68	19.48		
10	256QAM	1	0	17.68	17.62	17.65	19	5
10	256QAM	1	25	17.73	17.67	17.44		
10	256QAM	1	49	17.60	17.49	17.51		
10	256QAM	25	0	17.73	17.68	17.73	19	5
10	256QAM	25	12	17.49	17.68	17.48		
10	256QAM	25	25	17.50	17.57	17.58		
10	256QAM	50	0	17.73	17.65	17.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.48	22.61	22.46	24	0
5	QPSK	1	12	22.44	22.50	22.45		
5	QPSK	1	24	22.55	22.50	22.46		
5	QPSK	12	0	21.58	21.72	21.57	23	1
5	QPSK	12	7	21.67	21.73	21.49		
5	QPSK	12	13	21.77	21.70	21.45		
5	QPSK	25	0	21.54	21.59	21.55		
5	16QAM	1	0	21.27	21.48	21.60	23	1
5	16QAM	1	12	21.56	21.51	21.58		
5	16QAM	1	24	21.56	21.51	21.61		
5	16QAM	12	0	20.68	20.53	20.54	22	2
5	16QAM	12	7	20.49	20.75	20.64		
5	16QAM	12	13	20.78	20.46	20.58		
5	16QAM	25	0	20.56	20.48	20.50		
5	64QAM	1	0	20.66	20.66	20.67	22	2
5	64QAM	1	12	20.81	20.73	20.64		
5	64QAM	1	24	20.55	20.77	20.76		
5	64QAM	12	0	19.68	19.58	19.47	21	3
5	64QAM	12	7	19.77	19.51	19.64		
5	64QAM	12	13	19.65	19.61	19.49		
5	64QAM	25	0	19.54	19.68	19.57		
5	256QAM	1	0	17.59	17.61	17.72	19	5
5	256QAM	1	12	17.75	17.58	17.43		
5	256QAM	1	24	17.58	17.43	17.43		
5	256QAM	12	0	17.69	17.64	17.74	19	5
5	256QAM	12	7	17.57	17.75	17.53		
5	256QAM	12	13	17.48	17.57	17.63		
5	256QAM	25	0	17.80	17.63	17.63		

LTE Band 42 Ant6
FCC (3.5GHz Band) (3450-3550MHz) Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.98	22.95	22.79	24	0
20	QPSK	1	49	22.87	22.81	22.90		
20	QPSK	1	99	22.94	22.68	22.95		
20	QPSK	50	0	21.97	21.84	21.69	23	1
20	QPSK	50	24	21.80	21.78	21.54		
20	QPSK	50	50	21.81	21.81	21.78		
20	QPSK	100	0	21.93	21.78	21.65		
20	16QAM	1	0	21.79	21.73	21.86	23	1
20	16QAM	1	49	21.70	21.70	21.94		
20	16QAM	1	99	21.94	21.86	21.97		
20	16QAM	50	0	20.79	20.82	20.94	22	2
20	16QAM	50	24	20.85	20.75	20.89		
20	16QAM	50	50	20.66	20.67	20.71		
20	16QAM	100	0	20.85	20.72	20.64		
20	64QAM	1	0	20.85	20.70	20.91	22	2
20	64QAM	1	49	20.84	20.78	20.90		
20	64QAM	1	99	21.00	20.82	20.71		
20	64QAM	50	0	19.80	19.76	19.89	21	3
20	64QAM	50	24	19.62	19.83	19.91		
20	64QAM	50	50	19.80	19.65	19.83		
20	64QAM	100	0	19.85	19.92	19.70		
20	256QAM	1	0	17.90	17.97	17.84	19	5
20	256QAM	1	49	17.97	17.91	18.07		
20	256QAM	1	99	18.07	17.87	17.84		
20	256QAM	50	0	17.86	17.70	17.82	19	5
20	256QAM	50	24	17.83	17.92	17.74		
20	256QAM	50	50	17.73	17.79	17.91		
20	256QAM	100	0	17.96	18.03	18.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.93	22.79	22.70	24	0
15	QPSK	1	37	22.76	22.63	22.77		
15	QPSK	1	74	22.83	22.52	22.83		
15	QPSK	36	0	21.74	21.79	21.65	23	1
15	QPSK	36	20	21.63	21.70	21.42		
15	QPSK	36	39	21.74	21.76	21.73		
15	QPSK	75	0	21.66	21.65	21.58		
15	16QAM	1	0	21.69	21.67	21.71	23	1
15	16QAM	1	37	21.61	21.54	21.80		
15	16QAM	1	74	21.84	21.79	21.87		
15	16QAM	36	0	20.71	20.74	20.74	22	2
15	16QAM	36	20	20.66	20.68	20.73		
15	16QAM	36	39	20.61	20.63	20.67		
15	16QAM	75	0	20.79	20.57	20.45		
15	64QAM	1	0	20.72	20.54	20.85	22	2
15	64QAM	1	37	20.73	20.73	20.82		
15	64QAM	1	74	20.87	20.72	20.53		
15	64QAM	36	0	19.66	19.66	19.81	21	3
15	64QAM	36	20	19.48	19.72	19.73		
15	64QAM	36	39	19.73	19.46	19.70		
15	64QAM	75	0	19.80	19.86	19.59		
15	256QAM	1	0	17.85	17.85	17.70	19	5
15	256QAM	1	37	17.87	17.81	17.89		
15	256QAM	1	74	17.70	17.77	17.80		
15	256QAM	36	0	17.73	17.66	17.67	19	5
15	256QAM	36	20	17.72	17.78	17.55		
15	256QAM	36	39	17.58	17.71	17.85		
15	256QAM	75	0	17.91	17.93	17.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.85	22.86	22.72	24	0
10	QPSK	1	25	22.68	22.68	22.72		
10	QPSK	1	49	22.89	22.60	22.83		
10	QPSK	25	0	21.68	21.69	21.65	23	1
10	QPSK	25	12	21.73	21.68	21.36		
10	QPSK	25	25	21.67	21.71	21.60		
10	QPSK	50	0	21.67	21.72	21.49		
10	16QAM	1	0	21.60	21.56	21.74	23	1
10	16QAM	1	25	21.58	21.64	21.84		
10	16QAM	1	49	21.87	21.75	21.86		
10	16QAM	25	0	20.69	20.67	20.87	22	2
10	16QAM	25	12	20.75	20.64	20.83		
10	16QAM	25	25	20.60	20.55	20.57		
10	16QAM	50	0	20.80	20.55	20.58		
10	64QAM	1	0	20.70	20.64	20.87	22	2
10	64QAM	1	25	20.73	20.69	20.81		
10	64QAM	1	49	20.80	20.64	20.52		
10	64QAM	25	0	19.63	19.63	19.78	21	3
10	64QAM	25	12	19.50	19.77	19.75		
10	64QAM	25	25	19.72	19.50	19.73		
10	64QAM	50	0	19.72	19.82	19.51		
10	256QAM	1	0	17.70	17.78	17.66	19	5
10	256QAM	1	25	17.79	17.82	17.95		
10	256QAM	1	49	17.91	17.67	17.75		
10	256QAM	25	0	17.70	17.63	17.72	19	5
10	256QAM	25	12	17.64	17.80	17.62		
10	256QAM	25	25	17.56	17.60	17.82		
10	256QAM	50	0	17.91	17.90	17.93		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.90	22.91	22.70	24	0
5	QPSK	1	12	22.81	22.66	22.82		
5	QPSK	1	24	22.87	22.54	22.85		
5	QPSK	12	0	21.78	21.79	21.57	23	1
5	QPSK	12	7	21.63	21.70	21.43		
5	QPSK	12	13	21.68	21.71	21.63		
5	QPSK	25	0	21.74	21.65	21.47		
5	16QAM	1	0	21.59	21.68	21.70	23	1
5	16QAM	1	12	21.52	21.52	21.76		
5	16QAM	1	24	21.78	21.75	21.92		
5	16QAM	12	0	20.60	20.77	20.86	22	2
5	16QAM	12	7	20.70	20.62	20.77		
5	16QAM	12	13	20.51	20.51	20.65		
5	16QAM	25	0	20.76	20.61	20.50		
5	64QAM	1	0	20.73	20.56	20.87	22	2
5	64QAM	1	12	20.67	20.64	20.82		
5	64QAM	1	24	20.85	20.68	20.52		
5	64QAM	12	0	19.70	19.57	19.71	21	3
5	64QAM	12	7	19.55	19.70	19.86		
5	64QAM	12	13	19.60	19.52	19.64		
5	64QAM	25	0	19.74	19.73	19.64		
5	256QAM	1	0	17.75	17.80	17.69	19	5
5	256QAM	1	12	17.91	17.76	17.94		
5	256QAM	1	24	17.92	17.78	17.76		
5	256QAM	12	0	17.77	17.64	17.76	19	5
5	256QAM	12	7	17.65	17.83	17.62		
5	256QAM	12	13	17.65	17.72	17.82		
5	256QAM	25	0	17.76	17.95	17.90		

LTE Band 43 Ant6
(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44490	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44490	44815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.67		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44490	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.56	22.53	24	0
10	QPSK	1	25	22.46	22.55	22.59		
10	QPSK	1	49	22.61	22.45	22.58		
10	QPSK	25	0	21.67	21.83	21.54	23	1
10	QPSK	25	12	21.61	21.75	21.47		
10	QPSK	25	25	21.67	21.73	21.42		
10	QPSK	50	0	21.69	21.76	21.73		
10	16QAM	1	0	21.26	21.49	21.51	23	1
10	16QAM	1	25	21.58	21.50	21.66		
10	16QAM	1	49	21.63	21.58	21.63		
10	16QAM	25	0	20.79	20.60	20.61	22	2
10	16QAM	25	12	20.53	20.62	20.65		
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67	22	2
10	64QAM	1	25	20.88	20.80	20.67		
10	64QAM	1	49	20.54	20.90	20.80		
10	64QAM	25	0	19.69	19.68	19.53	21	3
10	64QAM	25	12	19.84	19.70	19.67		
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74	19	5
10	256QAM	1	25	17.76	17.67	17.39		
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73	19	5
10	256QAM	25	12	17.62	17.69	17.44		
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44490	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.55	22.54	22.57	24	0
5	QPSK	1	12	22.44	22.56	22.51		
5	QPSK	1	24	22.59	22.52	22.51		
5	QPSK	12	0	21.61	21.75	21.52	23	1
5	QPSK	12	7	21.66	21.82	21.57		
5	QPSK	12	13	21.68	21.70	21.57		
5	QPSK	25	0	21.64	21.77	21.73		
5	16QAM	1	0	21.31	21.56	21.54	23	1
5	16QAM	1	12	21.64	21.48	21.59		
5	16QAM	1	24	21.62	21.56	21.54		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6
FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.66	22.72	22.63	22.45	24	0
20	QPSK	1	49	22.55	22.70	22.63	22.59		
20	QPSK	1	99	22.52	22.65	22.48	22.58		
20	QPSK	50	0	21.89	21.92	21.67	21.78	23	1
20	QPSK	50	24	21.81	21.83	21.84	21.70		
20	QPSK	50	50	21.75	21.90	21.89	21.69		
20	QPSK	100	0	21.83	21.88	21.86	21.79		
20	16QAM	1	0	21.59	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.71	21.82	21.51	21.78		
20	16QAM	1	99	21.81	21.74	21.62	21.77		
20	16QAM	50

Reduced Power Mode for DSI4 ENDC Standalone

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.35	23.41	23.34	24.5	0
20	QPSK	1	49	23.39	23.36	23.30		
20	QPSK	1	99	23.38	23.38	23.27		
20	QPSK	50	0	22.38	22.56	22.48	23.5	1
20	QPSK	50	24	22.48	22.42	22.34		
20	QPSK	50	50	22.43	22.41	22.51		
20	QPSK	100	0	22.46	22.51	22.43		
20	16QAM	1	0	22.79	22.83	22.68	23.5	1
20	16QAM	1	49	22.95	22.86	23.01		
20	16QAM	1	99	22.94	22.87	22.88		
20	16QAM	50	0	21.36	21.42	21.32	22.5	2
20	16QAM	50	24	21.44	21.27	21.39		
20	16QAM	50	50	21.43	21.56	21.24		
20	16QAM	100	0	21.38	21.60	21.32		
20	64QAM	1	0	21.78	21.76	21.81	22.5	2
20	64QAM	1	49	21.58	21.82	21.80		
20	64QAM	1	99	21.78	21.68	21.82		
20	64QAM	50	0	20.42	20.46	20.42	21.5	3
20	64QAM	50	24	20.39	20.62	20.57		
20	64QAM	50	50	20.40	20.50	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.68	19.5	5
20	256QAM	1	49	18.51	18.52	18.64		
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34	19.5	5
20	256QAM	50	24	18.30	18.50	18.44		
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.31	23.22	23.27	24.5	0
15	QPSK	1	37	23.31	23.30	23.22		
15	QPSK	1	74	23.31	23.18	23.09		
15	QPSK	36	0	22.23	22.49	22.29	23.5	1
15	QPSK	36	20	22.28	22.33	22.29		
15	QPSK	36	39	22.35	22.30	22.37		
15	QPSK	75	0	22.36	22.44	22.24		
15	16QAM	1	0	22.69	22.77	22.49	23.5	1
15	16QAM	1	37	22.78	22.73	22.89		
15	16QAM	1	74	22.82	22.79	22.84		
15	16QAM	36	0	21.22	21.34	21.13	22.5	2
15	16QAM	36	20	21.25	21.15	21.26		
15	16QAM	36	39	21.37	21.30	21.12		
15	16QAM	75	0	21.21	21.54	21.20		
15	64QAM	1	0	21.59	21.66	21.68	22.5	2
15	64QAM	1	37	21.47	21.66	21.61		
15	64QAM	1	74	21.70	21.49	21.83		
15	64QAM	36	0	20.35	20.36	20.36	21.5	3
15	64QAM	36	20	20.26	20.50	20.42		
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58	19.5	5
15	256QAM	1	37	18.46	18.45	18.54		
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25	19.5	5
15	256QAM	36	20	18.14	18.38	18.33		
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.26	23.26	23.23	24.5	0
10	QPSK	1	25	23.34	23.31	23.25		
10	QPSK	1	49	23.24	23.20	23.22		
10	QPSK	25	0	22.31	22.40	22.30	23.5	1
10	QPSK	25	12	22.39	22.24	22.23		
10	QPSK	25	25	22.27	22.32	22.35		
10	QPSK	50	0	22.41	22.37	22.33		
10	16QAM	1	0	22.64	22.69	22.49	23.5	1
10	16QAM	1	25	22.80	22.68	22.83		
10	16QAM	1	49	22.77	22.69	22.78		
10	16QAM	25	0	21.24	21.22	21.27	22.5	2
10	16QAM	25	12	21.25	21.10	21.29		
10	16QAM	25	25	21.35	21.49	21.06		
10	16QAM	50	0	21.24	21.55	21.23		
10	64QAM	1	0	21.62	21.69	21.75	22.5	2
10	64QAM	1	25	21.45	21.63	21.65		
10	64QAM	1	49	21.60	21.51	21.77		
10	64QAM	25	0	20.34	20.34	20.27	21.5	3
10	64QAM	25	12	20.28	20.47	20.45		
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54	19.5	5
10	256QAM	1	25	18.47	18.46	18.54		
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16	19.5	5
10	256QAM	25	12	18.26	18.49	18.39		
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.29	23.33	23.22	24.5	0
5	QPSK	1	12	23.28	23.23	23.15		
5	QPSK	1	24	23.27	23.29	23.11		
5	QPSK	12	0	22.30	22.42	22.39	23.5	1
5	QPSK	12	7	22.37	22.27	22.14		
5	QPSK	12	13	22.29	22.34	22.34		
5	QPSK	25	0	22.40	22.33	22.38		
5	16QAM	1	0	22.63	22.76	22.60	23.5	1
5	16QAM	1	12	22.79	22.78	22.92		
5	16QAM	1	24	22.83	22.82	22.77		
5	16QAM	12	0	21.27	21.29	21.16	22.5	2
5	16QAM	12	7	21.32	21.17	21.20		
5	16QAM	12	13	21.24	21.45	21.18		
5	16QAM	25	0	21.25	21.53	21.27		
5	64QAM	1	0	21.60	21.62	21.62	22.5	2
5	64QAM	1	12	21.46	21.68	21.65		
5	64QAM	1	24	21.69	21.53	21.68		
5	64QAM	12	0	20.36	20.31	20.31	21.5	3
5	64QAM	12	7	20.30	20.55	20.41		
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50	19.5	5
5	256QAM	1	12	18.33	18.33	18.54		
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30	19.5	5
5	256QAM	12	7	18.21	18.35	18.31		
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.19	23.36	23.25	24.5	0
3	QPSK	1	8	23.23	23.22	23.19		
3	QPSK	1	14	23.21	23.18	23.14		
3	QPSK	8	0	22.18	22.45	22.39	23.5	1
3	QPSK	8	4	22.37	22.27	22.28		
3	QPSK	8	7	22.27	22.32	22.37		
3	QPSK	15	0	22.41	22.46	22.28		
3	16QAM	1	0	22.64	22.72	22.54	23.5	1
3	16QAM	1	8	22.90	22.67	22.87		
3	16QAM	1	14	22.83	22.75	22.77		
3	16QAM	8	0	21.27	21.25	21.26	22.5	2
3	16QAM	8	4	21.38	21.08	21.20		
3	16QAM	8	7	21.25	21.43	21.07		
3	16QAM	15	0	21.34	21.53	21.26		
3	64QAM	1	0	21.66	21.68	21.71	22.5	2
3	64QAM	1	8	21.48	21.65	21.69		
3	64QAM	1	14	21.67	21.50	21.74		
3	64QAM	8	0	20.32	20.30	20.28	21.5	3
3	64QAM	8	4	20.27	20.53	20.42		
3	64QAM	8	7	20.26	20.20	20.39		
3	64QAM	15	0	20.24	20.36	20.35		
3	256QAM	1	0	18.52	18.39	18.52	19.5	5
3	256QAM	1	8	18.35	18.35	18.51		
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18	19.5	5
3	256QAM	8	4	18.17	18.46	18.35		
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.26	23.36	23.28	24.5	0
1.4	QPSK	1	3	23.27	23.30	23.12		
1.4	QPSK	1	5	23.27	23.21	23.21		
1.4	QPSK	3	0	23.20	23.31	23.24		
1.4	QPSK	3	1	23.26	23.21	23.19		
1.4	QPSK	3	3	23.24	23.31	23.14		
1.4	QPSK	6	0	22.09	22.37	22.32	23.5	1
1.4	16QAM	1	0	22.29	22.15	22.16	23.5	1
1.4	16QAM	1	3	22.22	22.21	22.25		
1.4	16QAM	1	5	22.25	22.32	22.24		
1.4	16QAM	3	0	22.49	22.64	22.40		
1.4	16QAM	3	1	22.83	22.52	22.78		
1.4	16QAM	3	3	22.78	22.67	22.58		
1.4	16QAM	6	0	21.12	21.09	21.02	22.5	2
1.4	64QAM	1	0	21.26	21.02	21.04	22.5	2
1.4	64QAM	1	3	21.19	21.33	21.02		
1.4	64QAM	1	5	21.16	21.39	21.04		
1.4	64QAM	3	0	21.59	21.49	21.63		
1.4	64QAM	3	1	21.40	21.59	21.54		
1.4	64QAM	3	3	21.50	21.38	21.58		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	3
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	5
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.48	19.5	5

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.31	23.33	23.27	24.5	0
20	QPSK	1	49	23.29	23.25	23.23		
20	QPSK	1	99	23.20	23.23	23.30		
20	QPSK	50	0	22.45	22.46	22.38	23.5	1
20	QPSK	50	24	22.40	22.35	22.40		
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.75	22.70	22.80	23.5	1
20	16QAM	1	49	22.70	22.74	22.56		
20	16QAM	1	99	22.61	22.84	22.60		
20	16QAM	50	0	21.37	21.42	21.39	22.5	2
20	16QAM	50	24	21.42	21.45	21.35		
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68	22.5	2
20	64QAM	1	49	21.43	21.40	21.56		
20	64QAM	1	99	21.69	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64	21.5	3
20	64QAM	50	24	20.42	20.55	20.60		
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52	19.5	5
20	256QAM	1	49	18.60	18.63	18.56		
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59	19.5	5
20	256QAM	50	24	18.55	18.49	18.43		
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.23	23.24	23.21	24.5	0
15	QPSK	1	37	23.11	23.27	23.08		
15	QPSK	1	74	23.05	23.16	23.20		
15	QPSK	36	0	22.32	22.49	22.41	23.5	1
15	QPSK	36	20	22.21	22.48	22.27		
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.55	22.54	22.69	23.5	1
15	16QAM	1	37	22.51	22.61	22.49		
15	16QAM	1	74	22.54	22.73	22.48		
15	16QAM	36	0	21.30	21.35	21.21	22.5	2
15	16QAM	36	20	21.29	21.40	21.16		
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51	22.5	2
15	64QAM	1	37	21.27	21.34	21.41		
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44	21.5	3
15	64QAM	36	20	20.24	20.46	20.43		
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44	19.5	5
15	256QAM	1	37	18.41	18.59	18.49		
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44	19.5	5
15	256QAM	36	20	18.45	18.40	18.34		
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.32	23.24	23.14	24.5	0
10	QPSK	1	25	23.21	23.20	23.11		
10	QPSK	1	49	23.10	23.15	23.13		
10	QPSK	25	0	22.39	22.52	22.35	23.5	1
10	QPSK	25	12	22.27	22.38	22.33		
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61	23.5	1
10	16QAM	1	25	22.64	22.69	22.44		
10	16QAM	1	49	22.41	22.71	22.48		
10	16QAM	25	0	21.18	21.32	21.24	22.5	2
10	16QAM	25	12	21.28	21.38	21.22		
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60	22.5	2
10	64QAM	1	25	21.37	21.25	21.45		
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49	21.5	3
10	64QAM	25	12	20.32	20.44	20.46		
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38	19.5	5
10	256QAM	1	25	18.45	18.49	18.41		
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53	19.5	5
10	256QAM	25	12	18.37	18.39	18.27		
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.26	23.29	23.19	24.5	0
5	QPSK	1	12	23.10	23.29	23.19		
5	QPSK	1	24	23.02	23.19	23.16		
5	QPSK	12	0	22.25	22.49	22.34	23.5	1
5	QPSK	12	7	22.24	22.41	22.29		
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.64	22.74	23.5	1
5	16QAM	1	12	22.58	22.69	22.50		
5	16QAM	1	24	22.54	22.75	22.49		
5	16QAM	12	0	21.18	21.29	21.31	22.5	2
5	16QAM	12	7	21.27	21.28	21.30		
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58	22.5	2
5	64QAM	1	12	21.29	21.29	21.42		
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53	21.5	3
5	64QAM	12	7	20.22	20.43	20.41		
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43	19.5	5
5	256QAM	1	12	18.43	18.53	18.46		
5	256QAM	1	24	18.43	18.24	18.48		
5	256QAM	12	0	18.48	18.31	18.45	19.5	5
5	256QAM	12	7	18.49	18.40	18.36		
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.28	23.31	23.20	24.5	0
3	QPSK	1	8	23.18	23.21	23.15		
3	QPSK	1	14	23.12	23.28	23.24		
3	QPSK	8	0	22.27	22.48	22.31	23.5	1
3	QPSK	8	4	22.26	22.37	22.34		
3	QPSK	8	7	22.24	22.38	22.26		
3	QPSK	15	0	22.34	22.30	22.23		
3	16QAM	1	0	22.59	22.60	22.68	23.5	1
3	16QAM	1	8	22.54	22.54	22.48		
3	16QAM	1	14	22.56	22.66	22.44		
3	16QAM	8	0	21.26	21.31	21.26	22.5	2
3	16QAM	8	4	21.35	21.33	21.22		
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52	22.5	2
3	64QAM	1	8	21.33	21.21	21.42		
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55	21.5	3
3	64QAM	8	4	20.27	20.38	20.42		
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48	19.5	5
3	256QAM	1	8	18.41	18.48	18.41		
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53	19.5	5
3	256QAM	8	4	18.38	18.29	18.24		
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.22	23.28	23.18	24.5	0
1.4	QPSK	1	3	23.18	23.16	23.15		
1.4	QPSK	1	5	23.01	23.25	23.17		
1.4	QPSK	3	0	23.23	23.23	23.10		
1.4	QPSK	3	1	23.24	23.25	23.11		
1.4	QPSK	3	3	23.14	23.15	23.15		
1.4	QPSK	6	0	22.08	22.39	22.24	23.5	1
1.4	16QAM	1	0	22.22	22.32	22.28	23.5	1
1.4	16QAM	1	3	22.18	22.30	22.18		
1.4	16QAM	1	5	22.20	22.11	22.12		
1.4	16QAM	3	0	22.43	22.36	22.31		
1.4	16QAM	3	1	22.34	22.40	22.41		
1.4	16QAM	3	3	22.48	22.34	22.25		
1.4	16QAM	6	0	21.19	21.26	21.15	22.5	2
1.4	64QAM	1	0	21.27	21.20	21.03	22.5	2
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09		
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	3
1.4	256QAM	1	0	18.33	18.40	18.41	19.5	5
1.4	256QAM	1	3	18.58	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.97	24.03	24.01	25	0
10	QPSK	1	25	23.87	24.00	23.81		
10	QPSK	1	49	24.00	24.02	23.97		
10	QPSK	25	0	23.09	23.16	23.04	24	1
10	QPSK	25	12	23.08	23.05	22.81		
10	QPSK	25	25	22.82	23.06	22.88		
10	QPSK	50	0	23.03	23.09	22.91		
10	16QAM	1	0	23.10	23.36	23.21	24	1

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.20	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.36	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.06		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.94	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.95		
3	16QAM	15	0	21.99	21.99	21.94		
3	64QAM	1	0	22.23	22.18	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.94	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.85	19.20	18.94		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.95		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11		25	0
10	QPSK	1	25		24.02			
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15		24	1
10	QPSK	25	12		22.99			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15		24	1
10	16QAM	1	25		23.21			
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14		23	2
10	16QAM	25	12		22.11			
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24		23	2
10	64QAM	1	25		22.19			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15		22	3
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	5
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.96	23.99	23.93	25	0
5	QPSK	1	12	23.94	23.91	23.86		
5	QPSK	1	24	23.67	23.67	23.65		
5	QPSK	12	0	23.01	23.05	23.00	24	1
5	QPSK	12	7	22.88	22.82	22.83		
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02	24	1
5	16QAM	1	12	23.07	23.05	23.01		
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09	23	2
5	16QAM	12	7	21.91	21.94	21.93		
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05	23	2
5	64QAM	1	12	22.00	22.06	22.04		
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05	22	3
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	5
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.88	18.90	18.87	20	5
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.15		25	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09		23	2
10	16QAM	25	12		22.15			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13		23	2
10	64QAM	1	25		22.14			
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09		22	3
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	5
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97	25	0
5	QPSK	1	12	24.05	23.92	23.91		
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94	24	1
5	QPSK	12	7	22.92	22.95	22.85		
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11	24	1
5	16QAM	1	12	22.97	23.10	23.04		
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97	23	2
5	16QAM	12	7	21.98	21.97	22.04		
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09	23	2
5	64QAM	1	12	22.00	22.05	22.01		
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89	22	3
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.06	20	5
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94	20	5
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.39	23.48	23.28	24.5	0
20	QPSK	1	49	23.25	23.45	23.26		
20	QPSK	1	99	23.35	23.43	23.44		
20	QPSK	50	0	22.49	22.57	22.54	23.5	1
20	QPSK	50	24	22.35	22.53	22.46		
20	QPSK	50	50	22.47	22.45	22.44		
20	QPSK	100	0	22.38	22.55	22.49		
20	16QAM	1	0	22.43	22.58	22.30	23.5	1
20	16QAM	1	49	22.69	22.72	22.49		
20	16QAM	1	99	22.71	22.48	22.64		
20	16QAM	50	0	21.70	21.56	21.72	22.5	2
20	16QAM	50	24	21.56	21.68	21.56		
20	16QAM	50	50	21.46	21.58	21.42		
20	16QAM	100	0	21.48	21.70	21.68		
20	64QAM	1	0	21.63	21.62	21.70	22.5	2
20	64QAM	1	49	21.67	21.68	21.70		
20	64QAM	1	99	21.50	21.72	21.52		
20	64QAM	50	0	20.75	20.57	20.59	21.5	3
20	64QAM	50	24	20.73	20.40	20.58		
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.69	18.74	19.5	5
20	256QAM	1	49	18.84	18.70	18.83		
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.45	18.46	19.5	5
20	256QAM	50	24	18.54	18.68	18.51		
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.30	23.38	23.18	24.5	0
15	QPSK	1	37	23.18	23.34	23.09		
15	QPSK	1	74	23.30	23.37	23.27		
15	QPSK	36	0	22.44	22.48	22.28	23.5	1
15	QPSK	36	20	22.27	22.48	22.34		
15	QPSK	36	39	22.37	22.40	22.36		
15	QPSK	75	0	22.32	22.36	22.17		
15	16QAM	1	0	22.36	22.47	22.21	23.5	1
15	16QAM	1	37	22.65	22.67	22.34		
15	16QAM	1	74	22.57	22.38	22.45		
15	16QAM	36	0	21.61	21.37	21.62	22.5	2
15	16QAM	36	20	21.46	21.57	21.39		
15	16QAM	36	39	21.27	21.41	21.35		
15	16QAM	75	0	21.34	21.63	21.55		
15	64QAM	1	0	21.54	21.57	21.64	22.5	2
15	64QAM	1	37	21.55	21.61	21.85		
15	64QAM	1	74	21.32	21.59	21.43		
15	64QAM	36	0	20.71	20.38	20.52	21.5	3
15	64QAM	36	20	20.66	20.24	20.42		
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.38	18.51	18.66	19.5	5
15	256QAM	1	37	18.66	18.53	18.64		
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32	19.5	5
15	256QAM	36	20	18.35	18.59	18.35		
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.24	23.37	23.22	24.5	0
10	QPSK	1	25	23.11	23.32	23.14		
10	QPSK	1	49	23.30	23.34	23.33		
10	QPSK	25	0	22.31	22.46	22.37	23.5	1
10	QPSK	25	12	22.21	22.45	22.27		
10	QPSK	25	25	22.29	22.29	22.32		
10	QPSK	50	0	22.32	22.51	22.21		
10	16QAM	1	0	22.29	22.41	22.16	23.5	1
10	16QAM	1	25	22.50	22.55	22.30		
10	16QAM	1	49	22.62	22.41	22.51		
10	16QAM	25	0	21.60	21.39	21.54	22.5	2
10	16QAM	25	12	21.37	21.56	21.49		
10	16QAM	25	25	21.28	21.38	21.25		
10	16QAM	50	0	21.39	21.54	21.56		
10	64QAM	1	0	21.44	21.43	21.52	22.5	2
10	64QAM	1	25	21.48	21.60	21.51		
10	64QAM	1	49	21.36	21.62	21.40		
10	64QAM	25	0	20.64	20.51	20.49	21.5	3
10	64QAM	25	12	20.64	20.36	20.52		
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.36	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60	19.5	5
10	256QAM	1	25	18.77	18.65	18.74		
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29	19.5	5
10	256QAM	25	12	18.45	18.58	18.44		
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.30	23.36	23.10	24.5	0
5	QPSK	1	12	23.19	23.31	23.09		
5	QPSK	1	24	23.26	23.32	23.31		
5	QPSK	12	0	22.42	22.41	22.44	23.5	1
5	QPSK	12	7	22.30	22.40	22.29		
5	QPSK	12	13	22.31	22.34	22.32		
5	QPSK	25	0	22.18	22.36	22.18		
5	16QAM	1	0	22.37	22.48	22.25	23.5	1
5	16QAM	1	12	22.55	22.63	22.45		
5	16QAM	1	24	22.57	22.41	22.53		
5	16QAM	12	0	21.65	21.51	21.58	22.5	2
5	16QAM	12	7	21.49	21.63	21.48		
5	16QAM	12	13	21.31	21.47	21.33		
5	16QAM	25	0	21.31	21.53	21.60		
5	64QAM	1	0	21.54	21.53	21.53	22.5	2
5	64QAM	1	12	21.58	21.49	21.52		
5	64QAM	1	24	21.32	21.58	21.35		
5	64QAM	12	0	20.62	20.39	20.42	21.5	3
5	64QAM	12	7	20.65	20.21	20.44		
5	64QAM	12	13	20.55	20.53	20.48		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66	19.5	5
5	256QAM	1	12	18.69	18.50	18.66		
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35	19.5	5
5	256QAM	12	7	18.48	18.51	18.41		
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26025	26340	26655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.27	23.29	23.10	24.5	0
3	QPSK	1	8	23.06	23.33	23.15		
3	QPSK	1	14	23.21	23.29	23.26		
3	QPSK	8	0	22.40	22.48	22.36	23.5	1
3	QPSK	8	4	22.26	22.48	22.37		
3	QPSK	8	7	22.40	22.38	22.38		
3	QPSK	15	0	22.24	22.42	22.13		
3	16QAM	1	0	22.31	22.52	22.17	23.5	1
3	16QAM	1	8	22.51	22.54	22.42		
3	16QAM	1	14	22.58	22.34	22.48		
3	16QAM	8	0	21.51	21.41	21.54	22.5	2
3	16QAM	8	4	21.48	21.56	21.43		
3	16QAM	8	7	21.38	21.53	21.24		
3	16QAM	15	0	21.36	21.51	21.55		
3	64QAM	1	0	21.51	21.54	21.51	22.5	2
3	64QAM	1	8	21.47	21.49	21.57		
3	64QAM	1	14	21.40	21.53	21.38		
3	64QAM	8	0	20.58	20.47	20.52	21.5	3
3	64QAM	8	4	20.58	20.30	20.43		
3	64QAM	8	7	20.69	20.53	20.44		
3	64QAM	15	0	20.39	20.51	20.53		
3	256QAM	1	0	18.46	18.56	18.58	19.5	5
3	256QAM	1	8	18.77	18.59	18.73		
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29	19.5

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82	25	0
15	QPSK	1	37	23.75	23.91	23.67		
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78	24	1
15	QPSK	36	20	22.74	22.95	22.95		
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.79	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06	24	1
15	16QAM	1	37	23.03	22.87	22.92		
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.83	21.89	21.73	23	2
15	16QAM	36	20	21.83	21.88	21.72		
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24	23	2
15	64QAM	1	37	22.11	22.19	22.20		
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87	22	3
15	64QAM	36	20	21.07	21.01	21.04		
15	64QAM	36	39	21.00	20.79	20.90		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12	20	5
15	256QAM	1	37	18.98	19.16	19.16		
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.65	18.83	18.85	20	5
15	256QAM	36	20	18.46	18.79	18.59		
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.85	25	0
10	QPSK	1	25	23.57	23.87	23.46		
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.98	24	1
10	QPSK	25	12	22.64	22.84	22.85		
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99	24	1
10	16QAM	1	25	22.90	22.79	22.83		
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.83	23	2
10	16QAM	25	12	21.75	21.84	21.54		
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.65	21.85		
10	64QAM	1	0	22.18	22.07	22.07	23	2
10	64QAM	1	25	21.97	22.10	22.12		
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71	22	3
10	64QAM	25	12	20.98	20.95	20.96		
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94	20	5
10	256QAM	1	25	18.85	19.04	19.05		
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57	20	5
10	256QAM	25	12	18.35	18.68	18.36		
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64	25	0
5	QPSK	1	12	23.58	23.85	23.51		
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68	24	1
5	QPSK	12	7	22.56	22.87	22.81		
5	QPSK	12	13	22.78	22.88	22.80		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00	24	1
5	16QAM	1	12	22.91	22.78	22.84		
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.87	23	2
5	16QAM	12	7	21.74	21.79	21.55		
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12	23	2
5	64QAM	1	12	22.04	22.06	22.09		
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67	22	3
5	64QAM	12	7	21.01	20.90	20.98		
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06	20	5
5	256QAM	1	12	18.79	19.05	19.11		
5	256QAM	1	24	18.88	18.88	19.09		
5	256QAM	12	0	18.59	18.47	18.61	20	5
5	256QAM	12	7	18.34	18.71	18.41		
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69	25	0
3	QPSK	1	8	23.69	23.80	23.55		
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.81	24	1
3	QPSK	8	4	22.69	22.81	22.77		
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97	24	1
3	16QAM	1	8	22.93	22.71	22.81		
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.85	23	2
3	16QAM	8	4	21.74	21.74	21.64		
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.62	21.65	21.92		
3	64QAM	1	0	22.19	22.13	22.19	23	2
3	64QAM	1	8	22.04	22.10	22.15		
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72	22	3
3	64QAM	8	4	20.93	20.86	20.89		
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96	20	5
3	256QAM	1	8	18.87	19.04	19.00		
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60	20	5
3	256QAM	8	4	18.40	18.65	18.31		
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.74	23.85	23.83	25	0
1.4	QPSK	1	3	23.64	23.87	23.55		
1.4	QPSK	1	5	23.64	23.86	23.79		
1.4	QPSK	3	0	23.69	23.79	23.73		
1.4	QPSK	3	1	23.56	23.80	23.59		
1.4	QPSK	3	3	23.56	23.84	23.76		
1.4	QPSK	6	0	22.52	22.89	22.45	24	1
1.4	16QAM	1	0	22.60	22.75	22.69	24	1
1.4	16QAM	1	3	22.58	22.68	22.89		
1.4	16QAM	1	5	22.40	22.86	22.75		
1.4	16QAM	3	0	22.53	22.75	22.87		
1.4	16QAM	3	1	22.85	22.60	22.76		
1.4	16QAM	3	3	22.97	22.84	22.70		
1.4	16QAM	6	0	21.68	21.68	21.56	23	2
1.4	64QAM	1	0	21.69	21.70	21.48	23	2
1.4	64QAM	1	3	21.43	21.59	21.89		
1.4	64QAM	1	5	21.55	21.58	21.73		
1.4	64QAM	3	0	22.07	21.93	22.09		
1.4	64QAM	3	1	21.90	21.94	22.07		
1.4	64QAM	3	3	21.97	21.90	21.95		
1.4	64QAM	6	0	20.66	20.60	20.53	22	3
1.4	256QAM	1	0	18.92	18.91	19.07	20	5
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11		
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	5

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.30	23.35	23.21	24.5	0
20	QPSK	1	49	23.02	23.19	23.03		
20	QPSK	1	99	23.26	23.29	23.22		
20	QPSK	50	0	22.34	22.38	22.11	23.5	1
20	QPSK	50	24	22.19	22.37	22.19		
20	QPSK	50	50	22.18	22.30	22.10		
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25	23.5	1
20	16QAM	1	49	22.51	22.60	22.54		
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15	22.5	2
20	16QAM	50	24	21.33	21.30	21.18		
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.30	21.31	21.46	22.5	2
20	64QAM	1	49	21.35	21.43	21.14		
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20	21.5	3
20	64QAM	50	24	20.45	20.44	20.39		
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50	19.5	5
20	256QAM	1	49	18.49	18.67	18.55		
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.28	18.41	18.31	19.5	5
20	256QAM	50	24	18.41	18.32	18.38		
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.20	23.19	23.13	24.5	0
15	QPSK	1	37	22.97	23.05	22.88		
15	QPSK	1	74	23.16	23.21	23.08		
15	QPSK	36	0	22.23	22.29	22.00	23.5	1
15	QPSK	36	20	22.08	22.28	22.12		
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21	23.5	1
15	16QAM	1	37	22.32	22.49	22.49		
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09	22.5	2
15	16QAM	36	20	21.16	21.24	21.05		
15	16QAM	36	39	21.05	21.16	21.31		
15	16QAM	75	0	21.19	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28	22.5	2
15	64QAM	1	37	21.18	21.32	21.09		
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07	21.5	3
15	64QAM	36	20	20.28	20.27	20.23		
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39	19.5	5
15	256QAM	1	37	18.43	18.59	18.44		
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16	19.5	5
15	256QAM	36	20	18.34	18.27	18.23		
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1716	1745	1774		
10	QPSK	1	0	23.10	23.31	23.08	24.5	0
10	QPSK	1	25	22.91	23.00	22.98		
10	QPSK	1	49	23.11	23.17	23.09		
10	QPSK	25	0	22.22	22.25	22.02	23.5	1
10	QPSK	25	12	22.11	22.29	22.09		
10	QPSK	25	25	22.09	22.21	22.01		
10	QPSK	50	0	22.27	22.20	22.16		
10	16QAM	1	0	22.47	22.37	22.07	23.5	1
10	16QAM	1	25	22.44	22.49	22.35		
10	16QAM	1	49	22.36	22.23	22.49		
10	16QAM	25	0	21.20	21.20	21.10	22.5	2
10	16QAM	25	12	21.27	21.19	21.11		
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41	22.5	2
10	64QAM	1	25	21.30	21.29	21.03		
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13	21.5	3
10	64QAM	25	12	20.39	20.35	20.33		
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43	19.5	5
10	256QAM	25	0	18.30	18.55	18.49		
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25	19.5	5
10	256QAM	25	12	18.22	18.23	18.26		
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.21	23.23	23.07	24.5	0
5	QPSK	1	12	22.85	23.14	22.93		
5	QPSK	1	24	23.08	23.17	23.05		
5	QPSK	12	0	22.27	22.33	21.93	23.5	1
5	QPSK	12	7	22.02	22.29	22.09		
5	QPSK	12	13	22.06	22.21	21.93		
5	QPSK	25	0	22.34	22.17	22.18		
5	16QAM	1	0	22.47	22.25	22.19	23.5	1
5	16QAM	1	12	22.35	22.47	22.44		
5	16QAM	1	24	22.41	22.21	22.59		
5	16QAM	12	0	21.28	21.13	21.06	22.5	2
5	16QAM	12	7	21.24	21.18	21.09		
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37	22.5	2
5	64QAM	1	12	21.19	21.36	20.97		
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13	21.5	3
5	64QAM	12	7	20.39	20.30	20.24		
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44	19.5	5
5	256QAM	1	12	18.42	18.63	18.49		
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24	19.5	5
5	256QAM	12	7	18.38	18.16	18.30		
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.12	23.30	23.03	24.5	0
3	QPSK	1	8	22.93	23.03	22.85		
3	QPSK	1	14	23.14	23.23	23.08		
3	QPSK	8	0	22.29	22.22	22.05	23.5	1
3	QPSK	8	4	22.02	22.19	21.99		
3	QPSK	8	7	22.06	22.24	22.02		
3	QPSK	15	0	22.32	22.16	22.20		
3	16QAM	1	0	22.39	22.32	22.17	23.5	1
3	16QAM	1	8	22.36	22.44	22.37		
3	16QAM	1	14	22.30	22.22	22.55		
3	16QAM	8	0	21.34	21.29	21.09	22.5	2
3	16QAM	8	4	21.16	21.19	21.12		
3	16QAM	8	7	21.09	21.28	21.25		
3	16QAM	15	0	21.07	21.03	21.15		
3	64QAM	1	0	21.23	21.20	21.37	22.5	2
3	64QAM	1	8	21.19	21.36	21.10		
3	64QAM	1	14	21.21	21.36	21.05		
3	64QAM	8	0	20.24	20.26	20.13	21.5	3
3	64QAM	8	4	20.31	20.40	20.28		
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.38	19.5	5
3	256QAM	1	8	18.38	18.50	18.41		
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19	19.5	5
3	256QAM	8	4	18.37	18.13	18.30		
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.22	23.16	23.02	24.5	0
1.4	QPSK	1	3	22.83	23.09	22.84		
1.4	QPSK	1	5	23.18	23.10	23.15		
1.4	QPSK	3	0	23.18	23.29	23.16		
1.4	QPSK	3	1	22.84	23.13	22.92		
1.4	QPSK	3	3	23.16	23.20	23.10		
1.4	QPSK	6	0	22.19	22.12	21.96	23.5	1
1.4	16QAM	1	0	21.92	22.14	21.79	23.5	1
1.4	16QAM	1	3	21.93	22.04	21.89		
1.4	16QAM	1	5	22.25	22.10	22.09		
1.4	16QAM	3	0	22.22	22.19	22.07		
1.4	16QAM	3	1	22.21	22.26	22.18		
1.4	16QAM	3	3	22.17	22.12	22.45		
1.4	16QAM	6	0	21.28	21.17	20.99	22.5	2
1.4	64QAM	1	0	21.06	21.11	21.00	22.5	2
1.4	64QAM	1	3	21.00	21.23	21.21		
1.4	64QAM	1	5	20.96	20.88	21.02		
1.4	64QAM	3	0	21.09	21.05	21.23		
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	3
1.4	256QAM	1	0	18.35	18.36	18.31	19.5	5
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39		
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	5

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65	25	0
20	QPSK	1	49	23.70	23.65	23.62		
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70	24	1
20	QPSK	50	24	22.66	22.79	22.60		
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10	24	1
20	16QAM	1	49	23.17	23.06	23.13		
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67	23	2
20	16QAM	50	24	21.72	21.70	21.91		
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.26	22.11	22.25	23	2
20	64QAM	1	49	22.02	21.98	21.96		
20	64QAM	1	99	21.99	22.19	22.18		
20	64QAM	50	0	20.93	20.76	20.78	22	3
20	64QAM	50	24	20.80	20.85	20.71		
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90	20	5
20	256QAM	1	49	18.87	18.86	19.00		
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74	20	5
20	256QAM	50	24	18.80	18.89	18.98		
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.86	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.83	23.48	25	0
15	QPSK	1	37	23.66	23.59	23.44		
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.85	22.57	24	1
15	QPSK	36	20	22.49	22.85	22.42		
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.85	22.51		
15	16QAM	1	0	22.66	22.99	22.94	24	1
15	16QAM	1	37	23.08	22.99	23.02		
15	16QAM	1	74	22.87	22.88	23.03		
15	16QAM	36	0	21.73	21.89	21.48	23	2
15	16QAM

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.33	23.46	23.41	24.5	0
20	QPSK	1	49	23.15	23.41	23.28		
20	QPSK	1	99	23.33	23.42	23.31		
20	QPSK	50	0	22.45	22.61	22.60	23.5	1
20	QPSK	50	24	22.56	22.58	22.40		
20	QPSK	50	50	22.53	22.55	22.54		
20	QPSK	100	0	22.56	22.57	22.50		
20	16QAM	1	0	22.97	23.01	22.73	23.5	1
20	16QAM	1	49	23.13	23.12	23.10		
20	16QAM	1	99	23.06	23.11	23.08		
20	16QAM	50	0	21.29	21.46	21.47	22.5	2
20	16QAM	50	24	21.55	21.40	21.35		
20	16QAM	50	50	21.43	21.44	21.42		
20	16QAM	100	0	21.33	21.29	21.52		
20	64QAM	1	0	21.32	21.44	21.38	22.5	2
20	64QAM	1	49	21.52	21.48	21.49		
20	64QAM	1	99	21.34	21.60	21.37		
20	64QAM	50	0	20.70	20.59	20.69	21.5	3
20	64QAM	50	24	20.70	20.57	20.64		
20	64QAM	50	50	20.59	20.65	20.59		
20	64QAM	100	0	20.75	20.53	20.75		

LTE Band 4 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.57	23.67	23.51	24.5	0
20	QPSK	1	49	23.43	23.65	23.39		
20	QPSK	1	99	23.56	23.61	23.39		
20	QPSK	50	0	22.68	22.87	22.69	23.5	1
20	QPSK	50	24	22.81	22.76	22.62		
20	QPSK	50	50	22.55	22.77	22.80		
20	QPSK	100	0	22.79	22.82	22.58		
20	16QAM	1	0	23.06	23.00	22.75	23.5	1
20	16QAM	1	49	22.90	22.88	22.91		
20	16QAM	1	99	22.91	23.11	22.90		
20	16QAM	50	0	21.93	21.90	22.03	22.5	2
20	16QAM	50	24	21.76	21.85	22.07		
20	16QAM	50	50	21.77	22.00	21.89		
20	16QAM	100	0	21.83	21.80	21.97		
20	64QAM	1	0	21.96	22.04	21.91	22.5	2
20	64QAM	1	49	21.87	21.95	21.96		
20	64QAM	1	99	21.91	21.91	21.87		
20	64QAM	50	0	20.95	20.89	21.04	21.5	3
20	64QAM	50	24	21.04	20.85	20.82		
20	64QAM	50	50	21.06	20.78	20.94		
20	64QAM	100	0	21.04	20.81	21.00		

LTE Band 25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.41	23.56	23.35	24.5	0
20	QPSK	1	49	23.44	23.49	23.44		
20	QPSK	1	99	23.49	23.51	23.50		
20	QPSK	50	0	22.55	22.63	22.44	23.5	1
20	QPSK	50	24	22.54	22.59	22.54		
20	QPSK	50	50	22.37	22.61	22.37		
20	QPSK	100	0	22.59	22.61	22.53		
20	16QAM	1	0	22.64	22.82	22.58	23.5	1
20	16QAM	1	49	22.78	22.83	22.64		
20	16QAM	1	99	22.88	22.70	22.91		
20	16QAM	50	0	21.60	21.62	21.77	22.5	2
20	16QAM	50	24	21.64	21.50	21.48		
20	16QAM	50	50	21.54	21.71	21.61		
20	16QAM	100	0	21.78	21.71	21.60		
20	64QAM	1	0	21.88	21.82	21.76	22.5	2
20	64QAM	1	49	21.85	21.92	21.67		
20	64QAM	1	99	21.74	21.95	21.92		
20	64QAM	50	0	20.71	20.57	20.43	21.5	3
20	64QAM	50	24	20.65	20.50	20.46		
20	64QAM	50	50	20.49	20.40	20.63		
20	64QAM	100	0	20.59	20.42	20.73		

LTE Band 66 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.75	23.81	23.59	24.5	0
20	QPSK	1	49	23.68	23.77	23.73		
20	QPSK	1	99	23.81	23.76	23.68		
20	QPSK	50	0	22.50	22.76	22.51	23.5	1
20	QPSK	50	24	22.54	22.75	22.47		
20	QPSK	50	50	22.66	22.71	22.69		
20	QPSK	100	0	22.49	22.72	22.67		
20	16QAM	1	0	22.99	23.06	22.81	23.5	1
20	16QAM	1	49	23.14	23.14	23.14		
20	16QAM	1	99	23.00	23.17	23.13		
20	16QAM	50	0	21.82	21.79	21.73	22.5	2
20	16QAM	50	24	21.72	21.95	21.96		
20	16QAM	50	50	21.78	21.86	21.65		
20	16QAM	100	0	21.70	21.85	21.65		
20	64QAM	1	0	22.08	22.01	21.86	22.5	2
20	64QAM	1	49	21.96	22.05	21.97		
20	64QAM	1	99	22.03	22.18	21.94		
20	64QAM	50	0	20.90	20.81	20.84	21.5	3
20	64QAM	50	24	20.95	20.90	20.64		
20	64QAM	50	50	20.93	20.73	20.70		
20	64QAM	100	0	20.86	20.96	20.92		

20	256QAM	1	0	18.73	18.78	18.89	19.5	5
20	256QAM	1	49	18.76	18.77	18.89		
20	256QAM	1	99	18.74	18.70	18.62		
20	256QAM	50	0	18.58	18.63	18.55	19.5	5
20	256QAM	50	24	18.46	18.73	18.53		
20	256QAM	50	50	18.59	18.53	18.67		
20	256QAM	100	0	18.78	18.73	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.14	23.39	23.36	24.5	0
15	QPSK	1	37	22.98	23.35	23.22		
15	QPSK	1	74	23.23	23.34	23.17		
15	QPSK	36	0	22.38	22.46	22.44	23.5	1
15	QPSK	36	20	22.38	22.42	22.31		
15	QPSK	36	39	22.42	22.36	22.46		
15	QPSK	75	0	22.39	22.50	22.40		
15	16QAM	1	0	22.84	22.84	22.56	23.5	1
15	16QAM	1	37	22.98	22.96	22.99		
15	16QAM	1	74	22.97	22.91	22.94		
15	16QAM	36	0	21.09	21.41	21.36	22.5	2
15	16QAM	36	20	21.40	21.22	21.15		
15	16QAM	36	39	21.30	21.40	21.34		
15	16QAM	75	0	21.19	21.25	21.37		
15	64QAM	1	0	21.27	21.33	21.22	22.5	2
15	64QAM	1	37	21.41	21.42	21.44		
15	64QAM	1	74	21.18	21.47	21.24		
15	64QAM	36	0	20.52	20.40	20.61	21.5	3
15	64QAM	36	20	20.65	20.41	20.59		
15	64QAM	36	39	20.48	20.46	20.53		
15	64QAM	75	0	20.67	20.42	20.70		
15	256QAM	1	0	18.57	18.66	18.81	19.5	5
15	256QAM	1	37	18.62	18.61	18.72		
15	256QAM	1	74	18.59	18.63	18.43		
15	256QAM	36	0	18.39	18.58	18.36	19.5	5
15	256QAM	36	20	18.36	18.68	18.45		
15	256QAM	36	39	18.47	18.41	18.61		
15	256QAM	75	0	18.59	18.56	18.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.22	23.33	23.30	24.5	0
10	QPSK	1	25	23.06	23.25	23.16		
10	QPSK	1	49	23.27	23.37	23.11		
10	QPSK	25	0	22.31	22.48	22.50	23.5	1
10	QPSK	25	12	22.46	22.49	22.24		
10	QPSK	25	25	22.40	22.48	22.43		
10	QPSK	50	0	22.38	22.47	22.40		
10	16QAM	1	0	22.82	22.91	22.60	23.5	1
10	16QAM	1	25	22.98	23.01	22.91		
10	16QAM	1	49	22.88	22.99	22.93		
10	16QAM	25	0	21.10	21.26	21.41	22.5	2
10	16QAM	25	12	21.50	21.28	21.29		
10	16QAM	25	25	21.35	21.33	21.26		
10	16QAM	50	0	21.22	21.18	21.46		
10	64QAM	1	0	21.27	21.34	21.26	22.5	2
10	64QAM	1	25	21.36	21.31	21.35		
10	64QAM	1	49	21.21	21.55	21.26		
10	64QAM	25	0	20.62	20.53	20.63	21.5	3
10	64QAM	25	12	20.57	20.44	20.49		
10	64QAM	25	25	20.51	20.54	20.48		
10	64QAM	50	0	20.59	20.47	20.61		
10	256QAM	1	0	18.62	18.70	18.84	19.5	5
10	256QAM	1	25	18.70	18.58	18.70		
10	256QAM	1	49	18.64	18.55	18.55		
10	256QAM	25	0	18.47	18.45	18.41	19.5	5
10	256QAM	25	12	18.34	18.61	18.45		
10	256QAM	25	25	18.45	18.47	18.57		
10	256QAM	50	0	18.65	18.56	18.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.37	23.27	24.5	0
5	QPSK	1	12	22.98	23.29	23.23		
5	QPSK	1	24	23.18	23.37	23.12		
5	QPSK	12	0	22.38	22.45	22.47	23.5	1
5	QPSK	12	7	22.52	22.52	22.23		
5	QPSK	12	13	22.34	22.51	22.39		
5	QPSK	25	0	22.48	22.41	22.44		
5	16QAM	1	0	22.85	22.85	22.55	23.5	1
5	16QAM	1	12	22.98	23.02	22.95		
5	16QAM	1	24	22.87	22.97	22.96		
5	16QAM	12	0	21.25	21.33	21.40	22.5	2
5	16QAM	12	7	21.49	21.25	21.21		
5	16QAM	12	13	21.31	21.30	21.31		
5	16QAM	25	0	21.14	21.23	21.46		
5	64QAM	1	0	21.25	21.38	21.29	22.5	2
5	64QAM	1	12	21.34	21.38	21.42		
5	64QAM	1	24	21.29	21.45	21.24		
5	64QAM	12	0	20.60	20.47	20.62	21.5	3
5	64QAM	12	7	20.53	20.44	20.54		
5	64QAM	12	13	20.40	20.52	20.40		
5	64QAM	25	0	20.69	20.45	20.66		
5	256QAM	1	0	18.64	18.72	18.71	19.5	5
5	256QAM	1	12	18.63	18.62	18.72		
5	256QAM	1	24	18.59	18.62	18.43		
5	256QAM	12	0	18.50	18.46	18.46	19.5	5
5	256QAM	12	7	18.30	18.33	18.37		
5	256QAM	12	13	18.46	18.45	18.58		
5	256QAM	25	0	18.61	18.64	18.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.22	23.42	23.22	24.5	0
3	QPSK	1	8	23.10	23.25	23.14		
3	QPSK	1	14	23.22	23.38	23.26		
3	QPSK	8	0	22.38	22.54	22.51	23.5	1
3	QPSK	8	4	22.52	22.46	22.27		
3	QPSK	8	7	22.46	22.50	22.45		
3	QPSK	15	0	22.38	22.50	22.40		
3	16QAM	1	0	22.82	22.86	22.59	23.5	1
3	16QAM	1	8	22.97	22.93	22.92		
3	16QAM	1	14	22.99	22.93	22.95		
3	16QAM	8	0	21.14	21.37	21.28	22.5	2
3	16QAM	8	4	21.38	21.25	21.30		
3	16QAM	8	7	21.32	21.33	21.34		
3	16QAM	15	0	21.24	21.11	21.42		
3	64QAM	1	0	21.22	21.36	21.29	22.5	2
3	64QAM	1	8	21.43	21.36	21.45		
3	64QAM	1	14	21.27	21.52	21.22		
3	64QAM	8	0	20.65	20.40	20.54	21.5	3
3	64QAM	8	4	20.61	20.40	20.53		
3	64QAM	8	7	20.52	20.52	20.45		
3	64QAM	15	0	20.61	20.45	20.60		
3	256QAM	1	0	18.59	18.66	18.72	19.5	5
3	256QAM	1	8	18.60	18.69	18.80		
3	256QAM	1	14	18.54	18.54	18.54		
3	256QAM	8	0	18.44	18.58	18.47	19.5	5
3	256QAM	8	4	18.40	18.56	18.37		
3	256QAM	8	7	18.51	18.44	18.61		
3	256QAM	15	0	18.61	18.60	18.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.17	23.40	23.30	24.5	0
1.4	QPSK	1	3	22.99	23.26	23.18		
1.4	QPSK	1	5	23.23	23.31	23.26		
1.4	QPSK	3	0	23.28	23.39	23.28		
1.4	QPSK	3	1	23.02	23.26	23.14		
1.4	QPSK	3	3	23.24	23.37	23.11		
1.4	QPSK	6	0	22.28	22.46	22.38	23.5	1
1.4	16QAM	1	0	22.40	22.30	22.18	23.5	1
1.4	16QAM	1	3	22.31	22.37	22.26		
1.4	16QAM	1	5	22.34	22.45	22.27		
1.4	16QAM	3	0	22.71	22.69	22.47		
1.4	16QAM	3	1	22.85	22.75	22.87		
1.4	16QAM	3	3	22.80	22.83	22.88		
1.4	16QAM	6	0	21.00	21.12	21.12	22.5	2
1.4	64QAM	1	0	21.21	21.14	21.12	22.5	2
1.4	64QAM	1	3	21.21	21.28	21.21		
1.4	64QAM	1	5	21.10	21.04	21.36		
1.4	64QAM	3	0	21.15	21.30	21.13		
1.4	64QAM	3	1	21.35	21.25	21.28		
1.4	64QAM	3	3	21.08	21.37	21.04		
1.4	64QAM	6	0	20.54	20.27	20.47	21.5	3
1.4	256QAM	1	0	18.67	18.61	18.75	19.5	5
1.4	256QAM	1	3	18.60	18.66	18.70		
1.4	256QAM	1	5	18.62	18.62	18.56		
1.4	256QAM	3	0	18.50	18.56	18.48		
1.4	256QAM	3	1	18.30	18.60	18.40		
1.4	256QAM	3	3	18.40	18.37	18.51		
1.4	256QAM	6	0	18.62	18.60	18.38	19.5	5

20	256QAM	1	0	18.72	18.72	18.56	19.5	5
20	256QAM	1	49	18.58	18.71	18.54		
20	256QAM	1	99	18.69	18.75	18.78		
20	256QAM	50	0	19.01	18.88	18.75	19.5	5
20	256QAM	50	24	18.93	18.79	18.71		
20	256QAM	50	50	18.76	18.77	19.00		
20	256QAM	100	0	19.06	18.93	18.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.42	23.54	23.41	24.5	0
15	QPSK	1	37	23.28	23.51	23.23		
15	QPSK	1	74	23.37	23.43	23.28		
15	QPSK	36	0	22.62	22.80	22.53	23.5	1
15	QPSK	36	20	22.71	22.60	22.44		
15	QPSK	36	39	22.43	22.66	22.69		
15	QPSK	75	0	22.62	22.75	22.47		
15	16QAM	1	0	22.87	22.90	22.69	23.5	1
15	16QAM	1	37	22.84	22.81	22.84		
15	16QAM	1	74	22.75	23.05	22.70		
15	16QAM	36	0	21.79	21.75	21.87	22.5	2
15	16QAM	36	20	21.70	21.72	22.03		
15	16QAM	36	39	21.63	21.96	21.72		
15	16QAM	75	0	21.73	21.66	21.81		
15	64QAM	1	0	21.89	21.98	21.76	22.5	2
15	64QAM	1	37	21.75	21.76	21.78		
15	64QAM	1	74	21.80	21.83	21.80		
15	64QAM	36	0	20.80	20.70	20.86	21.5	3
15	64QAM	36	20	20.91	20.77	20.64		
15	64QAM	36	39	20.88	20.66	20.81		
15	64QAM	75	0	20.96	20.69	20.95		
15	256QAM	1	0	18.68	18.54	18.45	19.5	5
15	256QAM	1	37	18.45	18.56	18.39		
15	256QAM	1	74	18.52	18.64	18.63		
15	256QAM	36	0	18.92	18.69	18.67	19.5	5
15	256QAM	36	20	18.80	18.67	18.59		
15	256QAM	36	39	18.68	18.63	18.93		
15	256QAM	75	0	18.96	18.78	18.65		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.45	23.58	23.32	24.5	0
10	QPSK	1	25	23.24	23.59	23.31		
10	QPSK	1	49	23.47	23.51	23.27		
10	QPSK	25	0	22.50	22.72	22.55	23.5	1
10	QPSK	25	12	22.64	22.57	22.44		
10	QPSK	25	25	22.38	22.65	22.74		
10	QPSK	50	0	22.73	22.74	22.50		
10	16QAM	1	0	23.01	22.82	22.69	23.5	1
10	16QAM	1	25	22.85	22.72	22.86		
10	16QAM	1	49	22.86	22.98	22.80		
10	16QAM	25	0	21.82	21.76	21.84	22.5	2
10	16QAM	25	12	21.59	21.68	21.94		
10	16QAM	25	25	21.62	21.92	21.80		
10	16QAM	50	0	21.73	21.69	21.81		
10	64QAM	1	0	21.83	21.98	21.86	22.5	2
10	64QAM	1	25	21.82	21.88	21.88		
10	64QAM	1	49	21.77	21.77	21.72		
10	64QAM	25	0	20.79	20.82	20.97	21.5	3
10	64QAM	25	12	20.87	20.78	20.68		
10	64QAM	25	25	20.99	20.63	20.82		
10	64QAM	50	0	20.95	20.66	20.89		
10	256QAM	1	0	18.63	18.64	18.38	19.5	5
10	256QAM	1	25	18.40	18.61	18.39		
10	256QAM	1	49	18.54	18.59	18.53		
10	256QAM	25	0	18.93	18.83	18.68	19.5	5
10	256QAM	25	12	18.77	18.60	18.63		
10	256QAM	25	25	18.57	18.60	18.95		
10	256QAM	50	0	18.97	18.78	18.78		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.41	23.62	23.42	24.5	0
5	QPSK	1	12	23.30	23.48	23.31		
5	QPSK	1	24	23.49	23.51	23.28		
5	QPSK	12	0	22.50	22.70	22.63	23.5	1
5	QPSK	12	7	22.65	22.61	22.46		
5	QPSK	12	13	22.36	22.68	22.62		
5	QPSK	25	0	22.71	22.71	22.53		
5	16QAM	1	0	22.90	22.88	22.65	23.5	1
5	16QAM	1	12	22.78	22.77	22.83		
5	16QAM	1	24	22.76	22.98	22.77		
5	16QAM	12	0	21.81	21.73	21.83	22.5	2
5	16QAM	12	7	21.70	21.80	22.00		
5	16QAM	12	13	21.66	21.88	21.74		
5	16QAM	25	0	21.78	21.66	21.93		
5	64QAM	1	0	21.84	21.89	21.80	22.5	2
5	64QAM	1	12	21.73	21.81	21.91		
5	64QAM	1	24	21.83	21.86	21.76		
5	64QAM	12	0	20.81	20.70	20.86	21.5	3
5	64QAM	12	7	20.92	20.70	20.76		
5	64QAM	12	13	20.94	20.61	20.85		
5	64QAM	25	0	20.92	20.63	20.80		
5	256QAM	1	0	18.56	18.53	18.41	19.5	5
5	256QAM	1	12	18.50	18.54	18.38		
5	256QAM	1	24	18.52	18.56	18.73		
5	256QAM	12	0	18.96	18.77	18.62	19.5	5
5	256QAM	12	7	18.83	18.67	18.52		
5	256QAM	12	13	18.64	18.62	18.94		
5	256QAM	25	0	18.86	18.79	18.73		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.41	23.59	23.36	24.5	0
3	QPSK	1	8	23.33	23.53	23.26		
3	QPSK	1	14	23.50	23.46	23.29		
3	QPSK	8	0	22.48	22.78	22.59	23.5	1
3	QPSK	8	4	22.76	22.71	22.54		
3	QPSK	8	7	22.37	22.66	22.68		
3	QPSK	15	0	22.70	22.66	22.48		
3	16QAM	1	0	22.86	22.84	22.60	23.5	1
3	16QAM	1	8	22.79	22.74	22.82		
3	16QAM	1	14	22.85	22.92	22.76		
3	16QAM	8	0	21.75	21.74	21.90	22.5	2
3	16QAM	8	4	21.66	21.73	21.96		
3	16QAM	8	7	21.58	21.81	21.74		
3	16QAM	15	0	21.67	21.63	21.81		
3	64QAM	1	0	21.85	22.00	21.77	22.5	2
3	64QAM	1	8	21.68	21.81	21.86		
3	64QAM	1	14	21.84	21.74	21.77		
3	64QAM	8	0	20.79	20.72	21.00	21.5	3
3	64QAM	8	4	20.86	20.69	20.74		
3	64QAM	8	7	21.02	20.69	20.83		
3	64QAM	15	0	20.98	20.70	20.91		
3	256QAM	1	0	18.57	18.59	18.38	19.5	5
3	256QAM	1	8	18.40	18.64	18.34		
3	256QAM	1	14	18.55	18.69	18.66		
3	256QAM	8	0	18.88	18.74	18.66	19.5	5
3	256QAM	8	4	18.74	18.61	18.54		
3	256QAM	8	7	18.60	18.70	18.92		
3	256QAM	15	0	18.90	18.77	18.77		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.51	23.38	24.5	0
1.4	QPSK	1	3	23.26	23.50	23.24		
1.4	QPSK	1	5	23.42	23.43	23.24		
1.4	QPSK	3	0	23.40	23.59	23.46		
1.4	QPSK	3	1	23.29	23.46	23.26		
1.4	QPSK	3	3	23.48	23.52	23.23		
1.4	QPSK	6	0	22.38	22.66	22.44	23.5	1
1.4	16QAM	1	0	22.64	22.54	22.46	23.5	1
1.4	16QAM	1	3	22.27	22.50	22.57		
1.4	16QAM	1	5	22.65	22.61	22.32		
1.4	16QAM	3	0	22.81	22.65	22.56		
1.4	16QAM	3	1	22.61	22.57	22.67		
1.4	16QAM	3	3	22.81	22.78	22.70		
1.4	16QAM	6	0	21.35	21.72	21.84	22.5	2
1.4	64QAM	1	0	21.52	21.69	21.92	22.5	2
1.4	64QAM	1	3	21.51	21.68	21.57		
1.4	64QAM	1	5	21.60	21.49	21.64		
1.4	64QAM	3	0	21.76	21.93	21.72		
1.4	64QAM	3	1	21.51	21.64	21.76		
1.4	64QAM	3	3	21.77	21.58	21.61		
1.4	64QAM	6	0	20.72	20.67	20.95	21.5	3
1.4	256QAM	1	0	18.58	18.67	18.39	19.5	5
1.4	256QAM	1	3	18.44	18.63	18.43		
1.4	256QAM	1	5	18.53	18.68	18.69		
1.4	256QAM	3	0	18.87	18.69	18.57		
1.4	256QAM	3	1	18.80	18.60	18.55		
1.4	256QAM	3	3	18.63	18.62	18.88		
1.4	256QAM	6	0	19.01	18.79	18.71	19.5	5

20	256QAM	1	0	18.59	18.53	18.66	19.5	5
20	256QAM	1	49	18.52	18.35	18.68		
20	256QAM	1	99	18.64	18.71	18.62		
20	256QAM	50	0	18.76	18.68	18.77	19.5	5
20	256QAM	50	24	18.63	18.70	18.58		
20	256QAM	50	50	18.58	18.81	18.84		
20	256QAM	100	0	18.80	18.59	18.64		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.23	23.41	23.25	24.5	0
15	QPSK	1	37	23.29	23.29	23.25		
15	QPSK	1	74	23.37	23.38	23.35		
15	QPSK	36	0	22.36	22.51	22.33	23.5	1
15	QPSK	36	20	22.37	22.45	22.46		
15	QPSK	36	39	22.19	22.42	22.24		
15	QPSK	75	0	22.40	22.49	22.47		
15	16QAM	1	0	22.54	22.64	22.38	23.5	1
15	16QAM	1	37	22.58	22.73	22.53		
15	16QAM	1	74	22.68	22.64	22.84		
15	16QAM	36	0	21.53	21.45	21.68	22.5	2
15	16QAM	36	20	21.50	21.43	21.31		
15	16QAM	36	39	21.45	21.58	21.55		
15	16QAM	75	0	21.69	21.55	21.51		
15	64QAM	1	0	21.79	21.75	21.65	22.5	2
15	64QAM	1	37	21.68	21.73	21.55		
15	64QAM	1	74	21.55	21.91	21.73		
15	64QAM	36	0	20.55	20.48	20.34	21.5	3
15	64QAM	36	20	20.57	20.45	20.34		
15	64QAM	36	39	20.30	20.26	20.57		
15	64QAM	75	0	20.45	20.33	20.54		
15	256QAM	1	0	18.40	18.36	18.51	19.5	5
15	256QAM	1	37	18.33	18.30	18.48		
15	256QAM	1	74	18.46	18.59	18.56		
15	256QAM	36	0	18.60	18.58	18.65	19.5	5
15	256QAM	36	20	18.46	18.65	18.53		
15	256QAM	36	39	18.51	18.67	18.66		
15	256QAM	75	0	18.76	18.53	18.46		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.25	23.48	23.15	24.5	0
10	QPSK	1	25	23.24	23.37	23.24		
10	QPSK	1	49	23.41	23.34	23.34		
10	QPSK	25	0	22.46	22.47	22.26	23.5	1
10	QPSK	25	12	22.47	22.42	22.35		
10	QPSK	25	25	22.21	22.54	22.28		
10	QPSK	50	0	22.53	22.45	22.35		
10	16QAM	1	0	22.52	22.76	22.61	23.5	1
10	16QAM	1	25	22.65	22.72	22.59		
10	16QAM	1	49	22.82	22.62	22.86		
10	16QAM	25	0	21.43	21.55	21.68	22.5	2
10	16QAM	25	12	21.53	21.46	21.35		
10	16QAM	25	25	21.41	21.53	21.47		
10	16QAM	50	0	21.58	21.53	21.50		
10	64QAM	1	0	21.73	21.70	21.67	22.5	2
10	64QAM	1	25	21.74	21.76	21.63		
10	64QAM	1	49	21.62	21.81	21.74		
10	64QAM	25	0	20.52	20.42	20.30	21.5	3
10	64QAM	25	12	20.55	20.46	20.41		
10	64QAM	25	25	20.39	20.28	20.53		
10	64QAM	50	0	20.42	20.28	20.59		
10	256QAM	1	0	18.43	18.47	18.58	19.5	5
10	256QAM

LTE Band 43 Ant6

(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.51		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.56	22.53	24	0
10	QPSK	1	25	22.46	22.55	22.59		
10	QPSK	1	49	22.61	22.45	22.58		
10	QPSK	25	0	21.67	21.83	21.54	23	1
10	QPSK	25	12	21.61	21.75	21.47		
10	QPSK	25	25	21.67	21.73	21.42		
10	QPSK	50	0	21.69	21.76	21.73		
10	16QAM	1	0	21.26	21.49	21.51	23	1
10	16QAM	1	25	21.58	21.50	21.66		
10	16QAM	1	49	21.63	21.58	21.63		
10	16QAM	25	0	20.79	20.60	20.61	22	2
10	16QAM	25	12	20.53	20.62	20.65		
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67	22	2
10	64QAM	1	25	20.88	20.80	20.67		
10	64QAM	1	49	20.54	20.90	20.80		
10	64QAM	25	0	19.69	19.68	19.53	21	3
10	64QAM	25	12	19.84	19.70	19.67		
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74	19	5
10	256QAM	1	25	17.76	17.67	17.39		
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73	19	5
10	256QAM	25	12	17.62	17.69	17.44		
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.55	22.54	22.57	24	0
5	QPSK	1	12	22.44	22.56	22.51		
5	QPSK	1	24	22.59	22.52	22.51		
5	QPSK	12	0	21.61	21.75	21.52	23	1
5	QPSK	12	7	21.66	21.82	21.57		
5	QPSK	12	13	21.68	21.70	21.57		
5	QPSK	25	0	21.64	21.77	21.73		
5	16QAM	1	0	21.31	21.56	21.54	23	1
5	16QAM	1	12	21.64	21.48	21.59		
5	16QAM	1	24	21.62	21.56	21.54		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6

FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.66	22.72	22.63	22.45	24	0
20	QPSK	1	49	22.55	22.70	22.63	22.59		
20	QPSK	1	99	22.52	22.65	22.48	22.58		
20	QPSK	50	0	21.89	21.92	21.67	21.78	23	1
20	QPSK	50	24	21.81	21.83	21.84	21.70		
20	QPSK	50	50	21.75	21.90	21.89	21.69		
20	QPSK	100	0	21.83	21.88	21.86	21.79		
20	16QAM	1	0	21.59	21.66	21.74	21.73	23	1
20	16QAM	1	49	21.71	21.82	21.51	21.78		
20	16QAM	1	99	21.81	21.74	21.62	21.77		
20	16QAM	50	0	20.70	20.88	20.90	20.81	22	2
20	16QAM	50	24	20.82	21.03	21.02	20.91		
20	16QAM	50	50	21.02	21.01	20.95	20.99		
20	16QAM	100	0	20.85	20.99	20.70	20.86		
20	64QAM	1	0	20.77	20.76	20.61	20.71	22	2
20	64QAM	1	49	20.89	20.92	20.94	20.93		
20	64QAM	1	99	20.69	20.64	20.59	20.92		
20	64QAM	50	0	19.98	19.87	19.71	20.03	21	3
20	64QAM	50	24	19.70	19.75	19.81	19.82		
20	64QAM	50	50	19.78	19.78	19.84	19.78		
20	64QAM	100	0	19.92	19.70	19.71	19.86		
20	256QAM	1	0	17.71	17.75	17.65	17.86	19	5
20	256QAM	1	49	17.62	17.67	17.61	17.64		
20	256QAM	1	99	17.67	17.77	17.59	17.89		
20	256QAM	50	0	18.00	17.92	17.85	17.81	19	5
20	256QAM	50	24	18.04	17.77	17.74	17.94		
20	256QAM	50	50	17.87	17.96	17.93	17.79		
20	256QAM	100	0	17.87	17.92	18.10	17.79		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.50	22.53	22.48	22.36	24	0
15	QPSK	1	37	22.36	22.63	22.48	22.51		
15	QPSK	1	74	22.39	22.56	22.39	22.46		
15	QPSK	36	0	21.79	21.74	21.59	21.59	23	1
15	QPSK	36	20	21.62	21.74	21.77	21.57		
15	QPSK	36	39	21.57	21.82	21.79	21.54		
15	QPSK	75	0	21.70	21.73	21.68	21.69		
15	16QAM	1	0	21.50	21.55	21.60	21.60	23	1
15	16QAM	1	37	21.66	21.67	21.34	21.63		
15	16QAM	1	74	21.75	21.58	21.50	21.71		
15	16QAM	36	0	20.64	20.72	20.85	20.75	22	2
15	16QAM	36	20	20.63	20.98	20.93	20.77		
15	16QAM	36	39	20.86	20.93	20.86	20.90		
15	16QAM	75	0	20.66	20.94	20.58	20.72		
15	64QAM	1	0	20.72	20.71	20.52	20.60	22	2
15	64QAM	1	37	20.75	20.86	20.85	20.86		
15	64QAM	1	74	20.59	20.49	20.51	20.74		
15	64QAM	36	0	19.79	19.79	19.54	19.89	21	3
15	64QAM	36	20	19.57	19.58	19.64	19.73		
15	64QAM	36	39	19.74	19.67	19.70	19.64		
15	64QAM	75	0	19.81	19.57	19.64	19.67		
15	256QAM	1	0	17.58	17.63	17.61	17.74	19	5
15	256QAM	1	37	17.50	17.50	17.49	17.51		
15	256QAM	1	74	17.53	17.63	17.51	17.75		
15	256QAM	36	0	17.83	17.84	17.72	17.66	19	5
15	256QAM	36	20	17.92	17.68	17.65	17.89		
15	256QAM	36	39	17.71	17.91	17.76	17.70		
15	256QAM	75	0	17.71	17.77	18.05	17.72		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.50	22.54	22.48	22.30	24	0
10	QPSK	1	25	22.49	22.53	22.45	22.44		
10	QPSK	1	49	22.47	22.60	22.33	22.39		
10	QPSK	25	0	21.84	21.85	21.52	21.67	23	1
10	QPSK	25	12	21.71	21.72	21.68	21.60		
10	QPSK	25	25	21.67	21.74	21.69	21.58		
10	QPSK	50	0	21.73	21.81	21.70	21.70		
10	16QAM	1	0	21.54	21.51	21.68	21.67	23	1
10	16QAM	1	25	21.58	21.70	21.44	21.62		
10	16QAM	1	49	21.76	21.58	21.57	21.69		
10	16QAM	25	0	20.60	20.75	20.85	20.75	22	2
10	16QAM	25	12	20.65	20.84	20.90	20.79		
10	16QAM	25	25	20.89	20.97	20.86	20.79		
10	16QAM	50	0	20.72	20.88	20.58	20.76		
10	64QAM	1	0	20.68	20.58	20.45	20.65	22	2
10	64QAM	1	25	20.77	20.80	20.79	20.77		
10	64QAM	1	49	20.55	20.46	20.48	20.75		
10	64QAM	25	0	19.79	19.80	19.61	19.91	21	3
10	64QAM	25	12	19.64	19.56	19.66	19.72		
10	64QAM	25	25	19.60	19.61	19.64	19.74		
10	64QAM	50	0	19.75	19.52	19.55	19.79		
10	256QAM	1	0	17.57	17.67	17.53	17.79	19	5
10	256QAM	1	25	17.46	17.60	17.46	17.50		
10	256QAM	1	49	17.51	17.70	17.53	17.76		
10	256QAM	25	0	17.90	17.78	17.79	17.62	19	5
10	256QAM	25	12	17.89	17.59	17.54	17.87		
10	256QAM	25	25	17.74	17.83	17.81	17.62		
10	256QAM	50	0	17.79	17.80	18.02	17.62		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.53	22.63	22.59	22.31	24	0
5	QPSK	1	12	22.43	22.60	22.49	22.50		
5	QPSK	1	24	22.35	22.52	22.33	22.42		
5	QPSK	12	0	21.77	21.75	21.56	21.64	23	1
5	QPSK	12	7	21.69	21.75	21.65	21.50		
5	QPSK	12	13	21.63	21.80	21.75	21.52		
5	QPSK	25	0	21.76	21.81	21.66	21.73		
5	16QAM	1	0	21.51	21.55	21.62	21.68	23	1
5	16QAM	1	12	21.61	21.74	21.35	21.60		
5	16QAM	1	24	21.71	21.64	21.57	21.72		
5	16QAM	12	0	20.56	20.78	20.73	20.67	22	2
5	16QAM	12	7	20.72	20.85	20.85	20.86		
5	16QAM	12	13	20.95	20.87	20.84	20.88		
5	16QAM	25	0	20.73	20.84	20.52	20.70		
5	64QAM	1	0	20.60	20.60	20.54	20.52	22	2
5	64QAM	1	12	20.81	20.78	20.80	20.82		
5	64QAM	1	24	20.57	20.45	20.43	20.74		
5	64QAM	12	0	19.78	19.78	19.65	19.96	21	3
5	64QAM	12	7	19.54	19.67	19.74	19.77		
5	64QAM	12	13	19.69	19.64	19.77	19.60		
5	64QAM	25	0	19.80	19.59	19.62	19.79		
5	256QAM	1	0	17.55	17.58	17.50	17.78	19	5
5	256QAM	1	12	17.46	17.61	17.45	17.57		
5	256QAM	1	24	17.50	17.57	17.40	17.79		
5	256QAM	12	0	17.81	17.82	17.71	17.76	19	5
5	256QAM	12	7	17.99	17.70	17.56	17.77		
5	256QAM	12	13	17.77	17.92	17.74	17.67		
5	256QAM	25	0	17.70	17.74	18.04	17.74		

Reduced Power Mode for DSI6 Simultaneous

<WCDMA>

		WCDMA II Ant 1				WCDMA IV Ant 1				WCDMA V Ant 1			
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	23.22	23.31	23.29	24.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.32	23.31	24.00	23.28	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	22.12	22.41	22.44	23.00	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.33	22.24	23.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.82	21.85	22.50	21.87	21.82	21.83	22.50	21.82	21.93	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	21.72	21.77	21.80	22.50	21.69	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.30	22.21	23.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.24	22.34	22.32	23.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.90	21.84	21.94	22.50	21.67	21.77	21.82	22.50	21.86	21.92	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	21.87	21.93	22.50	21.86	21.84	21.71	22.50	21.84	21.91	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	22.11	22.45	22.40	23.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	20.24	20.45	20.26	21.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	21.33	21.36	21.38	22.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.18	20.37	21.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	22.33	22.26	22.32	23.00	22.42	22.36	22.27	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.80	19.67	19.75	20.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 18700	Power Middle Ch. / 18900	Power High Ch. / 19100	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.35	23.41	23.34		
20	QPSK	1	49	23.39	23.36	23.30	24.5	0
20	QPSK	1	99	23.38	23.38	23.27		
20	QPSK	50	0	22.38	22.56	22.48		
20	QPSK	50	24	22.48	22.42	22.34	23.5	1
20	QPSK	50	50	22.43	22.41	22.51		
20	QPSK	100	0	22.46	22.51	22.43		
20	16QAM	1	0	22.79	22.83	22.68		
20	16QAM	1	49	22.95	22.86	23.01	23.5	1
20	16QAM	1	99	22.94	22.87	22.88		
20	16QAM	50	0	21.36	21.42	21.32		
20	16QAM	50	24	21.44	21.27	21.39	22.5	2
20	16QAM	50	50	21.43	21.56	21.24		
20	16QAM	100	0	21.38	21.60	21.32		
20	64QAM	1	0	21.78	21.76	21.81		
20	64QAM	1	49	21.58	21.82	21.80	22.5	2
20	64QAM	1	99	21.78	21.68	21.82		
20	64QAM	50	0	20.42	20.46	20.42		
20	64QAM	50	24	20.39	20.62	20.57	21.5	3
20	64QAM	50	50	20.40	20.30	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.66		
20	256QAM	1	49	18.51	18.52	18.64	19.5	5
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34		
20	256QAM	50	24	18.30	18.55	18.44	19.5	5
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.31	23.22	23.27		
15	QPSK	1	37	23.31	23.30	23.22	24.5	0
15	QPSK	1	74	23.31	23.18	23.09		
15	QPSK	36	0	22.23	22.49	22.29		
15	QPSK	36	20	22.28	22.33	22.29	23.5	1
15	QPSK	36	39	22.35	22.30	22.37		
15	QPSK	75	0	22.36	22.44	22.24		
15	16QAM	1	0	22.69	22.77	22.49		
15	16QAM	1	37	22.78	22.73	22.89	23.5	1
15	16QAM	1	74	22.82	22.79	22.84		
15	16QAM	36	0	21.22	21.34	21.13		
15	16QAM	36	20	21.25	21.15	21.26	22.5	2
15	16QAM	36	39	21.37	21.39	21.12		
15	16QAM	75	0	21.21	21.54	21.20		
15	64QAM	1	0	21.59	21.66	21.68		
15	64QAM	1	37	21.47	21.66	21.61	22.5	2
15	64QAM	1	74	21.70	21.49	21.63		
15	64QAM	36	0	20.35	20.36	20.36		
15	64QAM	36	20	20.28	20.50	20.42	21.5	3
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58		
15	256QAM	1	37	18.46	18.45	18.54	19.5	5
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25		
15	256QAM	36	20	18.14	18.38	18.33	19.5	5
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.26	23.26	23.23		
10	QPSK	1	25	23.34	23.31	23.25	24.5	0
10	QPSK	1	49	23.24	23.20	23.22		
10	QPSK	25	0	22.31	22.40	22.30		
10	QPSK	25	12	22.39	22.24	22.23	23.5	1
10	QPSK	25	25	22.27	22.32	22.35		
10	QPSK	50	0	22.41	22.37	22.33		
10	16QAM	1	0	22.64	22.69	22.49		
10	16QAM	1	25	22.80	22.68	22.83	23.5	1
10	16QAM	1	49	22.77	22.69	22.78		
10	16QAM	25	0	21.24	21.22	21.27		
10	16QAM	25	12	21.25	21.10	21.29	22.5	2
10	16QAM	25	25	21.35	21.49	21.06		
10	16QAM	50	0	21.24	21.55	21.23		
10	64QAM	1	0	21.62	21.69	21.75		
10	64QAM	1	25	21.45	21.63	21.65	22.5	2
10	64QAM	1	49	21.60	21.51	21.77		
10	64QAM	25	0	20.34	20.34	20.27		
10	64QAM	25	12	20.28	20.47	20.45	21.5	3
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54		
10	256QAM	1	25	18.47	18.48	18.54	19.5	5
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16		
10	256QAM	25	12	18.26	18.49	18.39	19.5	5
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.29	23.33	23.22		
5	QPSK	1	12	23.28	23.23	23.15	24.5	0
5	QPSK	1	24	23.27	23.29	23.11		
5	QPSK	12	0	22.30	22.42	22.30		
5	QPSK	12	7	22.37	22.27	22.14	23.5	1
5	QPSK	12	13	22.29	22.34	22.34		
5	QPSK	25	0	22.40	22.33	22.38		
5	16QAM	1	0	22.63	22.76	22.60		
5	16QAM	1	12	22.79	22.78	22.92	23.5	1
5	16QAM	1	24	22.83	22.82	22.77		
5	16QAM	12	0	21.27	21.29	21.16		
5	16QAM	12	7	21.32	21.17	21.20	22.5	2
5	16QAM	12	13	21.24	21.45	21.18		
5	16QAM	25	0	21.25	21.53	21.27		
5	64QAM	1	0	21.60	21.62	21.62		
5	64QAM	1	12	21.46	21.68	21.65	22.5	2
5	64QAM	1	24	21.69	21.53	21.68		
5	64QAM	12	0	20.36	20.31	20.31		
5	64QAM	12	7	20.30	20.55	20.41	21.5	3
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50		
5	256QAM	1	12	18.33	18.33	18.54	19.5	5
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30		
5	256QAM	12	7	18.21	18.35	18.31	19.5	5
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.19	23.36	23.25		
3	QPSK	1	8	23.23	23.22	23.19	24.5	0
3	QPSK	1	14	23.21	23.18	23.14		
3	QPSK	8	0	22.18	22.45	22.39		
3	QPSK	8	4	22.37	22.27	22.28	23.5	1
3	QPSK	8	7	22.27	22.32	22.37		
3	QPSK	15	0	22.41	22.46	22.28		
3	16QAM	1	0	22.64	22.72	22.54		
3	16QAM	1	8	22.90	22.67	22.87	23.5	1
3	16QAM	1	14	22.83	22.75	22.77		
3	16QAM	8	0	21.27	21.25	21.20		
3	16QAM	8	4	21.38	21.08	21.20	22.5	2
3	16QAM	8	7	21.25	21.43	21.07		
3	16QAM	15	0	21.34	21.53	21.20		
3	64QAM	1	0	21.66	21.68	21.71		
3	64QAM	1	8	21.48	21.65	21.69	22.5	2
3	64QAM	1	14	21.67	21.50	21.74		
3	64QAM	8	0	20.32	20.30	20.28		
3	64QAM	8	4	20.27	20.53	20.42	21.5	3
3	64QAM	8	7	20.26	20.20	20.39		
3	64QAM	15	0	20.24	20.36	20.35		
3	256QAM	1	0	18.52	18.39	18.52		
3	256QAM	1	8	18.35	18.35	18.51	19.5	5
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18		
3	256QAM	8	4	18.17	18.48	18.35	19.5	5
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.26	23.36	23.28		
1.4	QPSK	1	3	23.27	23.30	23.12		
1.4	QPSK	1	5	23.27	23.21	23.21	24.5	0
1.4	QPSK	3	0	23.20	23.31	23.24		
1.4	QPSK	3	1	23.26	23.21	23.19		
1.4	QPSK	3	3	23.24	23.31	23.14		
1.4	QPSK	6	0	22.09	22.37	22.32	23.5	1
1.4	16QAM	1	0	22.29	22.15	22.16		
1.4	16QAM	1	3	22.22	22.21	22.25		
1.4	16QAM	1	5	22.25	22.32	22.24	23.5	1
1.4	16QAM	3	0	22.49	22.64	22.40		
1.4	16QAM	3	1	22.83	22.52	22.78		
1.4	16QAM	3	3	22.78	22.67	22.58		
1.4	16QAM	6	0	21.12	21.09	21.02	22.5	2
1.4	64QAM	1	0	21.26	21.02	21.04		
1.4	64QAM	1	3	21.19	21.33	21.02		
1.4	64QAM	1	5	21.16	21.39	21.04	22.5	2
1.4	64QAM	3	0	21.59	21.49	21.63		
1.4	64QAM	3	1	21.40	21.59	21.54		
1.4	64QAM	3	3	21.50	21.38	21.58		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	3
1.4	256QAM	1	0	18.59	18.47	18.60		
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42	19.5	5
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.46	19.5	5

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20050	Power Middle Ch. / 20175	Power High Ch. / 20300	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.31	23.33	25.27		
20	QPSK	1	49	23.29	23.25	23.23	24.5	0
20	QPSK	1	99	23.20	23.23	23.30		
20	QPSK	50	0	22.45	22.46	22.38		
20	QPSK	50	24	22.40	22.35	22.40	23.5	1
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.75	22.70	22.80		
20	16QAM	1	49	22.70	22.74	22.58	23.5	1
20	16QAM	1	99	22.61	22.84	22.60		
20	16QAM	50	0	21.37	21.42	21.39		
20	16QAM	50	24	21.42	21.45	21.35	22.5	2
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68		
20	64QAM	1	49	21.43	21.40	21.58	22.5	2
20	64QAM	1	99	21.60	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64		
20	64QAM	50	24	20.42	20.55	20.60	21.5	3
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52		
20	256QAM	1	49	18.60	18.63	18.56	19.5	5
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59		
20	256QAM	50	24	18.55	18.49	18.43	19.5	5
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.23	23.24	25.21		
15	QPSK	1	37	23.11	23.27	23.08	24.5	0
15	QPSK	1	74	23.05	23.18	23.20		
15	QPSK	36	0	22.32	22.49	22.41		
15	QPSK	36	20	22.21	22.48	22.27	23.5	1
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.55	22.54	22.69		
15	16QAM	1	37	22.51	22.61	22.49	23.5	1
15	16QAM	1	74	22.54	22.73	22.48		
15	16QAM	36	0	21.30	21.35	21.21		
15	16QAM	36	20	21.29	21.40	21.16	22.5	2
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51		
15	64QAM	1	37	21.27	21.34	21.41	22.5	2
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44		
15	64QAM	36	20	20.24	20.46	20.43	21.5	3
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44		
15	256QAM	1	37	18.41	18.59	18.49	19.5	5
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44		
15	256QAM	36	20	18.45	18.40	18.34	19.5	5
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.32	23.24	25.14		
10	QPSK	1	25	23.21	23.20	23.11	24.5	0
10	QPSK	1	49	23.10	23.15	23.13		
10	QPSK	25	0	22.39	22.52	22.35		
10	QPSK	25	12	22.27	22.38	22.33	23.5	1
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61		
10	16QAM	1	25	22.64	22.69	22.44	23.5	1
10	16QAM	1	49	22.41	22.71	22.48		
10	16QAM	25	0	21.18	21.32	21.24		
10	16QAM	25	12	21.28	21.36	21.22	22.5	2
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60		
10	64QAM	1	25	21.37	21.25	21.45	22.5	2
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49		
10	64QAM	25	12	20.32	20.44	20.46	21.5	3
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38		
10	256QAM	1	25	18.45	18.49	18.41	19.5	5
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53		
10	256QAM	25	12	18.37	18.39	18.27	19.5	5
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.28	23.29	25.19		
5	QPSK	1	12	23.10	23.29	23.19	24.5	0
5	QPSK	1	24	23.02	23.19	23.16		
5	QPSK	12	0	22.25	22.49	22.34		
5	QPSK	12	7	22.24	22.41	22.29	23.5	1
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.64	22.74		
5	16QAM	1	12	22.78	22.69	22.59	23.5	1
5	16QAM	1	24	22.54	22.75	22.49		
5	16QAM	12	0	21.18	21.29	21.31		
5	16QAM	12	7	21.27	21.28	21.30	22.5	2
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58		
5	64QAM	1	12	21.29	21.29	21.42	22.5	2
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53		
5	64QAM	12	7	20.22	20.43	20.41	21.5	3
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43		
5	256QAM	1	12	18.43	18.53	18.46	19.5	5
5	256QAM	1	24	18.43	18.24	18.46		
5	256QAM	12	0	18.48	18.31	18.45		
5	256QAM	12	7	18.49	18.40	18.36	19.5	5
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.28	23.31	25.20		
3	QPSK	1	8	23.18	23.21	23.15	24.5	0
3	QPSK	1	14	23.12	23.28	23.24		
3	QPSK	8	0	22.27	22.48	22.31		
3	QPSK	8	4	22.26	22.37	22.34	23.5	1
3	QPSK	8	7	22.24	22.38	22.26		
3	QPSK	15	0	22.34	22.30	22.23		
3	16QAM	1	0	22.59	22.60	22.66		
3	16QAM	1	8	22.84	22.54	22.48	23.5	1
3	16QAM	1	14	22.56	22.66	22.44		
3	16QAM	8	0	21.26	21.31	21.26		
3	16QAM	8	4	21.35	21.33	21.22	22.5	2
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52		
3	64QAM	1	8	21.33	21.21	21.42	22.5	2
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55		
3	64QAM	8	4	20.27	20.38	20.42	21.5	3
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48		
3	256QAM	1	8	18.41	18.48	18.41	19.5	5
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53		
3	256QAM	8	4	18.38	18.29	18.24	19.5	5
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.22	23.28	25.18		
1.4	QPSK	1	3	23.18	23.16	23.15		
1.4	QPSK	1	5	23.01	23.25	25.17	24.5	0
1.4	QPSK	3	0	23.23	23.23	25.10		
1.4	QPSK	3	1	23.24	23.25	23.11		
1.4	QPSK	3	3	23.14	23.15	23.15		
1.4	QPSK	6	0	22.08	22.39	22.24	23.5	1
1.4	16QAM	1	0	22.22	22.32	22.28		
1.4	16QAM	1	3	22.18	22.30	22.18		
1.4	16QAM	1	5	22.20	22.11	22.12	23.5	1
1.4	16QAM	3	0	22.43	22.36	22.31		
1.4	16QAM	3	1	22.34	22.40	22.41		
1.4	16QAM	3	3	22.48	22.34	22.25		
1.4	16QAM	6	0	21.10	21.26	21.15	22.5	2
1.4	64QAM	1	0	21.27	21.26	21.03		
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09	22.5	2
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	3
1.4	256QAM	1	0	18.33	18.40	18.41		
1.4	256QAM	1	3	18.56	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60	19.5	5
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 20450	Power Middle Ch. / 20525	Power High Ch. / 20600	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.97	24.03	24.01		
10	QPSK	1	25	23.87	24.00	23.81	25	0
10	QPSK	1	49	24.00	24.02	23.97		
10	QPSK	25	0	23.09	23.16	23.04		
10	QPSK	25	12	23.08	23.05	22.81	24	1
10	QPSK	25	25	22.82	23.06	22.88		
10	QPSK	50	0	23.03	23.06	22.91		
10	16QAM	1	0	23.10	23.36	23.21		
10	16QAM	1	25	23.49	23.50

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.20	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.38	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.06		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.84	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.96		
3	16QAM	15	0	21.99	21.99	21.64		
3	64QAM	1	0	22.23	22.18	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.84	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.85	19.20	18.84		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.98		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11		25	0
10	QPSK	1	25		24.02			
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15		24	1
10	QPSK	25	12		22.99			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15		24	1
10	16QAM	1	25		23.21			
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14		23	2
10	16QAM	25	12		22.11			
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24		23	2
10	64QAM	1	25		22.19			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15		22	3
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	5
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.96	23.99	23.93	25	0
5	QPSK	1	12	23.94	23.91	23.86		
5	QPSK	1	24	23.67	23.67	23.65		
5	QPSK	12	0	23.01	23.05	23.00	24	1
5	QPSK	12	7	22.88	22.82	22.83		
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02	24	1
5	16QAM	1	12	23.07	23.05	23.01		
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09	23	2
5	16QAM	12	7	21.91	21.94	21.93		
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05	23	2
5	64QAM	1	12	22.00	22.08	22.04		
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05	22	3
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	5
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.98	18.90	18.87	20	5
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.13		25	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09		23	2
10	16QAM	25	12		22.15			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13		23	2
10	64QAM	1	25		22.14			
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09		22	3
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	5
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97	25	0
5	QPSK	1	12	24.05	23.92	23.91		
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94	24	1
5	QPSK	12	7	22.92	22.95	22.85		
5	QPSK	12	13	22.91	22.85	22.90		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11	24	1
5	16QAM	1	12	22.97	23.10	23.04		
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97	23	2
5	16QAM	12	7	21.98	21.97	22.04		
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09	23	2
5	64QAM	1	12	22.00	22.05	22.01		
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89	22	3
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.06	20	5
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94	20	5
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	23.39	23.48	23.28		
20	QPSK	1	49	23.25	23.45	23.26	24.5	0
20	QPSK	1	99	23.35	23.43	23.44		
20	QPSK	50	0	22.49	22.57	22.54		
20	QPSK	50	24	22.35	22.53	22.46	23.5	1
20	QPSK	50	50	22.47	22.45	22.44		
20	QPSK	100	0	22.38	22.55	22.30		
20	16QAM	1	0	22.43	22.58	22.30		
20	16QAM	1	49	22.69	22.72	22.49	23.5	1
20	16QAM	1	99	22.71	22.48	22.64		
20	16QAM	50	0	21.70	21.56	21.72		
20	16QAM	50	24	21.56	21.68	21.56	22.5	2
20	16QAM	50	50	21.46	21.58	21.42		
20	16QAM	100	0	21.48	21.70	21.68		
20	64QAM	1	0	21.63	21.62	21.70		
20	64QAM	1	49	21.67	21.68	21.70	22.5	2
20	64QAM	1	99	21.50	21.72	21.52		
20	64QAM	50	0	20.75	20.57	20.59		
20	64QAM	50	24	20.73	20.40	20.58	21.5	3
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.69	18.74		
20	256QAM	1	49	18.84	18.70	18.83	19.5	5
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.52	18.45		
20	256QAM	50	24	18.54	18.66	18.51	19.5	5
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.30	23.38	23.18		
15	QPSK	1	37	23.18	23.34	23.09	24.5	0
15	QPSK	1	74	23.30	23.37	23.27		
15	QPSK	36	0	22.44	22.48	22.35		
15	QPSK	36	20	22.27	22.48	22.34	23.5	1
15	QPSK	36	39	22.37	22.40	22.36		
15	QPSK	75	0	22.32	22.36	22.17		
15	16QAM	1	0	22.36	22.47	22.21		
15	16QAM	1	37	22.65	22.67	22.34	23.5	1
15	16QAM	1	74	22.57	22.38	22.45		
15	16QAM	36	0	21.61	21.37	21.62		
15	16QAM	36	20	21.46	21.57	21.39	22.5	2
15	16QAM	36	39	21.27	21.41	21.36		
15	16QAM	75	0	21.34	21.63	21.55		
15	64QAM	1	0	21.54	21.57	21.64		
15	64QAM	1	37	21.55	21.61	21.65	22.5	2
15	64QAM	1	74	21.32	21.59	21.43		
15	64QAM	36	0	20.71	20.38	20.52		
15	64QAM	36	20	20.66	20.24	20.42	21.5	3
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.38	18.51	18.66		
15	256QAM	1	37	18.66	18.53	18.64	19.5	5
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32		
15	256QAM	36	20	18.35	18.59	18.35	19.5	5
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.24	23.37	23.22		
10	QPSK	1	25	23.11	23.32	23.14	24.5	0
10	QPSK	1	49	23.30	23.34	23.33		
10	QPSK	25	0	22.31	22.46	22.37		
10	QPSK	25	12	22.21	22.45	22.27	23.5	1
10	QPSK	25	25	22.29	22.29	22.32		
10	QPSK	50	0	22.32	22.51	22.21		
10	16QAM	1	0	22.29	22.41	22.16		
10	16QAM	1	25	22.50	22.55	22.30	23.5	1
10	16QAM	1	49	22.62	22.41	22.51		
10	16QAM	25	0	21.60	21.39	21.54		
10	16QAM	25	12	21.37	21.56	21.49	22.5	2
10	16QAM	25	25	21.28	21.38	21.25		
10	16QAM	50	0	21.39	21.54	21.56		
10	64QAM	1	0	21.44	21.43	21.52		
10	64QAM	1	25	21.48	21.60	21.51	22.5	2
10	64QAM	1	49	21.36	21.62	21.40		
10	64QAM	25	0	20.64	20.51	20.49		
10	64QAM	25	12	20.64	20.36	20.52	21.5	3
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.38	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60		
10	256QAM	1	25	18.77	18.65	18.74	19.5	5
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29		
10	256QAM	25	12	18.45	18.58	18.44	19.5	5
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.30	23.36	23.10		
5	QPSK	1	12	23.19	23.31	23.09	24.5	0
5	QPSK	1	24	23.26	23.32	23.31		
5	QPSK	12	0	22.42	22.41	22.44		
5	QPSK	12	7	22.36	22.40	22.29	23.5	1
5	QPSK	12	13	22.31	22.34	22.32		
5	QPSK	25	0	22.18	22.36	22.18		
5	16QAM	1	0	22.37	22.48	22.25		
5	16QAM	1	12	22.55	22.63	22.45	23.5	1
5	16QAM	1	24	22.57	22.41	22.53		
5	16QAM	12	0	21.65	21.51	21.58		
5	16QAM	12	7	21.49	21.63	21.48	22.5	2
5	16QAM	12	13	21.31	21.47	21.33		
5	16QAM	25	0	21.31	21.53	21.60		
5	64QAM	1	0	21.54	21.53	21.53		
5	64QAM	1	12	21.58	21.49	21.52	22.5	2
5	64QAM	1	24	21.32	21.58	21.35		
5	64QAM	12	0	20.62	20.39	20.42		
5	64QAM	12	7	20.65	20.21	20.44	21.5	3
5	64QAM	12	13	20.55	20.53	20.48		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66		
5	256QAM	1	12	18.69	18.50	18.66	19.5	5
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35		
5	256QAM	12	7	18.48	18.51	18.41	19.5	5
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				25965	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.27	23.29	23.10		
3	QPSK	1	8	23.06	23.33	23.15	24.5	0
3	QPSK	1	14	23.21	23.29	23.26		
3	QPSK	8	0	22.40	22.48	22.36		
3	QPSK	8	4	22.26	22.48	22.37	23.5	1
3	QPSK	8	7	22.40	22.38	22.38		
3	QPSK	15	0	22.24	22.42	22.13		
3	16QAM	1	0	22.31	22.52	22.17		
3	16QAM	1	8	22.51	22.54	22.42	23.5	1
3	16QAM	1	14	22.58	22.34	22.48		
3	16QAM	8	0	21.51	21.41	21.54		
3	16QAM	8	4	21.48	21.56	21.43	22.5	2
3	16QAM	8	7	21.38	21.53	21.24		
3	16QAM	15	0	21.36	21.51	21.55		
3	64QAM	1	0	21.51	21.54	21.51		
3	64QAM	1	8	21.47	21.49	21.57	22.5	2
3	64QAM	1	14	21.40	21.53	21.38		
3	64QAM	8	0	20.58	20.47	20.52		
3	64QAM	8	4	20.58	20.30	20.43	21.5	3
3	64QAM	8	7	20.69	20.53	20.44		
3	64QAM	15	0	20.39	20.51	20.53		
3	256QAM	1	0	18.46	18.56	18.58		
3	256QAM	1	8	18.77	18.59	18.73	19.5	5
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29		
3	256QAM	8	4	18.46	18.50	18.45	19.5	5
3	256QAM	8	7	18.37	18.50	18.21		
3	256QAM	15	0	18.31	18.36	18.45		
Channel				25940	26340	26740	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.31	23.32	23.16		
1.4	QPSK	1	3	23.14	23.35	23.10		
1.4	QPSK	1	5	23.26	23.34	23.34	24.5	0
1.4	QPSK	3	0	23.20	23.43	23.16		
1.4	QPSK	3	1	23.13	23.34	23.12		
1.4	QPSK	3	3	23.28	23.38	23.40		
1.4	QPSK	6	0	22.27	22.43	22.32	23.5	1
1.4	16QAM	1	0	22.17	22.33	22.27		
1.4	16QAM	1	3	22.30	22.19	22.20		
1.4	16QAM	1	5	22.15	22.35	22.25	23.5	1
1.4	16QAM	3	0	22.14	22.39	22.05		
1.4	16QAM	3	1	22.32	22.45	22.24		
1.4	16QAM	3	3	22.39	22.20	22.30		
1.4	16QAM	6	0	21.47	21.25	21.37	22.5	2
1.4	64QAM	1	0	21.36	21.40	21.26		
1.4	64QAM	1	3	21.33	21.47	21.12		
1.4	64QAM	1	5	21.22	21.38	21.43	22.5	2
1.4	64QAM	3	0	21.41	21.44	21.40		
1.4	64QAM	3	1	21.36	21.37	21.46		
1.4	64QAM	3	3	21.22	21.35	21.32		
1.4	64QAM	6	0	20.46	20.41	20.34	21.5	3
1.4	256QAM	1	0	18.42	18.55	18.63		
1.4	256QAM	1	3	18.72	18.54	18.65		
1.4	256QAM	1	5	18.43	18.40	18.73	19.5	5
1.4	256QAM	3	0	18.48	18.46	18.26		
1.4	256QAM	3	1	18.40	18.58	18.32		
1.4	256QAM	3	3	18.40	18.50	18.20		
1.4	256QAM	6	0	18.31	18.35	18.49	19.5	5

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26965	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.83	23.95	23.82		
15	QPSK	1	37	23.75	23.91	23.67	25	0
15	QPSK	1	74	23.68	23.90	23.87		
15	QPSK	36	0	22.80	23.05	22.78		
15	QPSK	36	20	22.74	22.95	22.95	24	1
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.78	23.02	22.88		
15	16QAM	1	0	22.72	22.99	23.06		
15	16QAM	1	37	23.09	22.87	22.92	24	1
15	16QAM	1	74	23.17	23.03	22.91		
15	16QAM	36	0	21.93	21.89	21.73		
15	16QAM	36	20	21.83	21.88	21.72	23	2
15	16QAM	36	39	21.76	21.93	22.04		
15	16QAM	75	0	21.73	21.74	22.04		
15	64QAM	1	0	22.27	22.22	22.24		
15	64QAM	1	37	22.11	22.19	22.20	23	2
15	64QAM	1	74	22.15	22.09	22.21		
15	64QAM	36	0	20.84	20.91	20.87		
15	64QAM	36	20	21.07	21.01	20.94	22	3
15	64QAM	36	39	21.00	20.79	20.90		
15	64QAM	75	0	20.98	20.92	21.03		
15	256QAM	1	0	19.07	19.10	19.12		
15	256QAM	1	37	18.98	19.16	19.18	20	5
15	256QAM	1	74	18.94	19.08	19.17		
15	256QAM	36	0	18.63	18.63	18.65		
15	256QAM	36	20	18.46	18.79	18.50	20	5
15	256QAM	36	39	18.60	18.54	18.62		
15	256QAM	75	0	18.49	18.79	18.75		
Channel				26740	26965	27190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.68	23.86	23.65		
10	QPSK	1	25	23.57	23.87	23.48	25	0
10	QPSK	1	49	23.57	23.84	23.73		
10	QPSK	25	0	22.71	22.87	22.58		
10	QPSK	25	12	22.64	22.84	22.85	24	1
10	QPSK	25	25	22.71	22.85	22.63		
10	QPSK	50	0	22.64	22.90	22.83		
10	16QAM	1	0	22.63	22.92	22.99		
10	16QAM	1	25	22.90	22.79	22.83	24	1
10	16QAM	1	49	23.10	22.85	22.82		
10	16QAM	25	0	21.84	21.77	21.63		
10	16QAM	25	12	21.75	21.84	21.54	23	2
10	16QAM	25	25	21.62	21.78	21.97		
10	16QAM	50	0	21.57	21.65	21.85		
10	64QAM	1	0	22.18	22.07	22.07		
10	64QAM	1	25	21.97	22.10	22.12	23	2
10	64QAM	1	49	21.98	22.03	22.11		
10	64QAM	25	0	20.71	20.81	20.71		
10	64QAM	25	12	20.98	20.96	20.96	22	3
10	64QAM	25	25	20.91	20.62	20.80		
10	64QAM	50	0	20.83	20.78	20.85		
10	256QAM	1	0	18.88	18.94	18.94		
10	256QAM	1	25	18.85	19.04	19.05	20	5
10	256QAM	1	49	18.80	19.00	19.00		
10	256QAM	25	0	18.49	18.50	18.57		
10	256QAM	25	12	18.35	18.68	18.30	20	5
10	256QAM	25	25	18.55	18.37	18.45		
10	256QAM	50	0	18.37	18.71	18.61		
Channel				26715	26965	27215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.72	23.87	23.64		
5	QPSK	1	12	23.58	23.85	23.51	25	0
5	QPSK	1	24	23.51	23.70	23.77		
5	QPSK	12	0	22.75	22.86	22.68		
5	QPSK	12	7	22.56	22.87	22.81	24	1
5	QPSK	12	13	22.78	22.88	22.60		
5	QPSK	25	0	22.61	22.90	22.74		
5	16QAM	1	0	22.93	22.81	23.00		
5	16QAM	1	12	22.91	22.78	22.84	24	1
5	16QAM	1	24	23.12	22.90	22.76		
5	16QAM	12	0	21.76	21.70	21.67		
5	16QAM	12	7	21.74	21.79	21.55	23	2
5	16QAM	12	13	21.72	21.87	21.90		
5	16QAM	25	0	21.60	21.65	21.95		
5	64QAM	1	0	22.23	22.05	22.12		
5	64QAM	1	12	22.04	22.06	22.09	23	2
5	64QAM	1	24	22.09	22.04	22.01		
5	64QAM	12	0	20.77	20.78	20.67		
5	64QAM	12	7	21.01	20.90	20.98	22	3
5	64QAM	12	13	20.88	20.62	20.79		
5	64QAM	25	0	20.87	20.87	20.92		
5	256QAM	1	0	19.00	18.95	19.06		
5	256QAM	1	12	18.79	19.05	19.11	20	5
5	256QAM	1	24	18.88	19.00	19.09		
5	256QAM	12	0	18.59	18.47	18.61		
5	256QAM	12	7	18.34	18.71	18.41	20	5
5	256QAM	12	13	18.42	18.37	18.48		
5	256QAM	25	0	18.43	18.74	18.55		
Channel				26715	26965	27215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.73	23.83	23.69		
3	QPSK	1	8	23.66	23.80	23.55	25	0
3	QPSK	1	14	23.53	23.84	23.79		
3	QPSK	8	0	22.66	22.95	22.61		
3	QPSK	8	4	22.69	22.81	22.77	24	1
3	QPSK	8	7	22.77	22.85	22.75		
3	QPSK	15	0	22.60	22.96	22.83		
3	16QAM	1	0	22.59	22.91	22.97		
3	16QAM	1	8	22.93	22.81	22.94	24	1
3	16QAM	1	14	23.08	22.99	22.74		
3	16QAM	8	0	21.87	21.83	21.65		
3	16QAM	8	4	21.74	21.74	21.64	23	2
3	16QAM	8	7	21.60	21.78	21.97		
3	16QAM	15	0	21.52	21.65	21.92		
3	64QAM	1	0	22.19	22.13	22.19		
3	64QAM	1	8	22.04	22.10	22.15	23	2
3	64QAM	1	14	22.04	21.96	22.09		
3	64QAM	8	0	20.71	20.75	20.72		
3	64QAM	8	4	20.93	20.86	20.89	22	3
3	64QAM	8	7	20.93	20.68	20.75		
3	64QAM	15	0	20.87	20.82	20.84		
3	256QAM	1	0	18.89	19.00	18.96		
3	256QAM	1	8	18.87	19.04	19.00	20	5
3	256QAM	1	14	18.87	19.01	18.99		
3	256QAM	8	0	18.46	18.47	18.60		
3	256QAM	8	4	18.40	18.65	18.31	20	5
3	256QAM	8	7	18.53	18.40	18.54		
3	256QAM	15	0	18.31	18.72	18.56		
Channel				26690	26965	27240	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.74	23.85	23.63		
1.4	QPSK	1	3	23.64	23.87	23.55		
1.4	QPSK	1	5	23.64	23.86	23.79	25	0
1.4	QPSK	3	0	23.69	23.79	23.73		
1.4	QPSK	3	1	23.56	23.80	23.59		
1.4	QPSK	3	3	23.56	23.84	23.76		
1.4	QPSK	6	0	22.52	22.89	22.45	24	1
1.4	16QAM	1	0	22.60	22.75	22.69		
1.4	16QAM	1	3	22.58	22.68	22.69		
1.4	16QAM	1	5	22.40	22.86	22.75	24	1
1.4	16QAM	3	0	22.53	22.75	22.87		
1.4	16QAM	3	1	22.85	22.60	22.76		
1.4	16QAM	3	3	22.97	22.84	22.70		
1.4	16QAM	6	0	21.68	21.58	21.56	23	2
1.4	64QAM	1	0	21.69	21.70	21.48		
1.4	64QAM	1	3	21.43	21.59	21.89		
1.4	64QAM	1	5	21.55	21.58	21.73	23	2
1.4	64QAM	3	0	22.07	21.93	22.09		
1.4	64QAM	3	1	21.90	21.94	22.07		
1.4	64QAM	3	3	21.97	21.90	21.95		
1.4	64QAM	6	0	20.66	20.60	20.53	22	3
1.4	256QAM	1	0	18.92	18.91	19.07		
1.4	256QAM	1	3	18.80	19.11	19.11		
1.4	256QAM	1	5	18.76	19.04	19.11	20	5
1.4	256QAM	3	0	18.59	18.51	18.51		
1.4	256QAM	3	1	18.39	18.68	18.33		
1.4	256QAM	3	3	18.48	18.34	18.53		
1.4	256QAM	6	0	18.40	18.69	18.67	20	5

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.30	23.35	23.21		
20	QPSK	1	49	23.02	23.19	23.03	24.5	0
20	QPSK	1	99	23.26	23.29	23.22		
20	QPSK	50	0	22.34	22.38	22.11		
20	QPSK	50	24	22.19	22.37	22.19	23.5	1
20	QPSK	50	50	22.18	22.30	22.10		
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25		
20	16QAM	1	49	22.51	22.62	22.39	23.5	1
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15		
20	16QAM	50	24	21.33	21.30	21.18	22.5	2
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.30		
20	64QAM	1	0	21.30	21.31	21.46		
20	64QAM	1	49	21.35	21.43	21.14	22.5	2
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20		
20	64QAM	50	24	20.45	20.44	20.30	21.5	3
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50		
20	256QAM	1	49	18.49	18.67	18.55	19.5	5
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.26	18.41	18.31		
20	256QAM	50	24	18.41	18.32	18.38	19.5	5
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.20	23.19	23.13		
15	QPSK	1	37	22.97	23.05	22.88	24.5	0
15	QPSK	1	74	23.16	23.21	23.08		
15	QPSK	36	0	22.23	22.29	22.09		
15	QPSK	36	20	22.08	22.28	22.12	23.5	1
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21		
15	16QAM	1	37	22.57	22.49	22.49	23.5	1
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09		
15	16QAM	36	20	21.16	21.

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.99	23.15	23.12	24	0
20	QPSK	1	49	22.97	23.09	22.88		
20	QPSK	1	99	22.97	23.06	22.89		
20	QPSK	50	0	22.25	22.29	22.09	23	1
20	QPSK	50	24	21.97	22.22	22.08		
20	QPSK	50	50	22.18	22.24	22.13		
20	QPSK	100	0	22.10	22.27	21.98		
20	16QAM	1	0	21.98	22.04	22.12	23	1
20	16QAM	1	49	22.07	21.97	21.89		
20	16QAM	1	99	22.09	22.02	22.00		
20	16QAM	50	0	21.36	21.26	21.33	22	2
20	16QAM	50	24	21.14	21.16	21.35		
20	16QAM	50	50	21.40	21.19	21.26		
20	16QAM	100	0	21.11	21.28	21.31		
20	64QAM	1	0	21.24	21.21	21.37	22	2
20	64QAM	1	49	21.36	21.08	21.22		
20	64QAM	1	99	21.37	21.03	21.06		
20	64QAM	50	0	20.16	20.26	20.40	21	3
20	64QAM	50	24	20.17	20.23	20.30		
20	64QAM	50	50	20.32	20.19	20.40		
20	64QAM	100	0	20.12	20.31	20.28		
20	256QAM	1	0	18.22	18.13	18.08	19	5
20	256QAM	1	49	18.10	17.96	18.28		
20	256QAM	1	99	18.11	18.20	18.22		
20	256QAM	50	0	18.05	18.19	18.32	19	5
20	256QAM	50	24	18.21	18.20	18.22		
20	256QAM	50	50	18.04	18.15	18.05		
20	256QAM	100	0	18.20	18.19	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.85	22.95	22.97	24	0
15	QPSK	1	37	22.92	22.90	22.82		
15	QPSK	1	74	22.89	22.92	22.70		
15	QPSK	36	0	22.20	22.17	21.93	23	1
15	QPSK	36	20	21.79	22.15	21.99		
15	QPSK	36	39	22.00	22.16	22.04		
15	QPSK	75	0	21.96	22.11	21.83		
15	16QAM	1	0	21.81	21.87	22.01	23	1
15	16QAM	1	37	21.91	21.92	21.76		
15	16QAM	1	74	21.97	21.89	21.82		
15	16QAM	36	0	21.31	21.12	21.19	22	2
15	16QAM	36	20	20.96	21.10	21.28		
15	16QAM	36	39	21.36	21.01	21.18		
15	16QAM	75	0	20.95	21.13	21.22		
15	64QAM	1	0	21.11	21.05	21.24	22	2
15	64QAM	1	37	21.28	20.96	21.05		
15	64QAM	1	74	21.23	20.94	20.87		
15	64QAM	36	0	20.02	20.19	20.23	21	3
15	64QAM	36	20	20.09	20.18	20.24		
15	64QAM	36	39	20.25	20.13	20.31		
15	64QAM	75	0	19.97	20.20	20.10		
15	256QAM	1	0	18.09	18.06	17.96	19	5
15	256QAM	1	37	18.04	17.77	18.17		
15	256QAM	1	74	17.92	18.11	18.18		
15	256QAM	36	0	17.94	18.11	18.22	19	5
15	256QAM	36	20	18.13	18.04	18.13		
15	256QAM	36	39	17.91	18.05	17.93		
15	256QAM	75	0	18.07	18.12	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	23.10	23.03	24	0
10	QPSK	1	25	22.85	23.00	22.70		
10	QPSK	1	49	22.81	22.99	22.74		
10	QPSK	25	0	22.14	22.14	21.97	23	1
10	QPSK	25	12	21.92	22.03	21.92		
10	QPSK	25	25	22.08	22.14	22.02		
10	QPSK	50	0	21.96	22.22	21.84		
10	16QAM	1	0	21.86	21.96	21.94	23	1
10	16QAM	1	25	22.00	21.88	21.70		
10	16QAM	1	49	21.89	21.94	21.86		
10	16QAM	25	0	21.25	21.19	21.24	22	2
10	16QAM	25	12	21.08	20.97	21.21		
10	16QAM	25	25	21.35	21.07	21.14		
10	16QAM	50	0	21.05	21.20	21.26		
10	64QAM	1	0	21.04	21.06	21.31	22	2
10	64QAM	1	25	21.29	20.90	21.10		
10	64QAM	1	49	21.19	20.90	20.91		
10	64QAM	25	0	20.06	20.18	20.23	21	3
10	64QAM	25	12	20.05	20.18	20.11		
10	64QAM	25	25	20.15	20.11	20.20		
10	64QAM	50	0	19.92	20.12	20.19		
10	256QAM	1	0	18.14	18.02	17.92	19	5
10	256QAM	1	25	18.06	17.83	18.14		
10	256QAM	1	49	18.02	18.08	18.06		
10	256QAM	25	0	17.85	18.10	18.13	19	5
10	256QAM	25	12	18.17	18.14	18.11		
10	256QAM	25	25	18.00	18.02	17.90		
10	256QAM	50	0	18.13	18.05	18.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.85	23.09	23.05	24	0
5	QPSK	1	12	22.90	23.01	22.75		
5	QPSK	1	24	22.90	22.87	22.80		
5	QPSK	12	0	22.11	22.23	22.02	23	1
5	QPSK	12	7	21.89	22.09	21.90		
5	QPSK	12	13	22.08	22.12	21.94		
5	QPSK	25	0	21.90	22.11	21.86		
5	16QAM	1	0	21.90	21.89	21.94	23	1
5	16QAM	1	12	21.94	21.83	21.71		
5	16QAM	1	24	21.93	21.86	21.80		
5	16QAM	12	0	21.19	21.09	21.22	22	2
5	16QAM	12	7	21.09	21.04	21.15		
5	16QAM	12	13	21.32	21.07	21.22		
5	16QAM	25	0	21.01	21.20	21.24		
5	64QAM	1	0	21.07	21.05	21.25	22	2
5	64QAM	1	12	21.22	20.88	21.17		
5	64QAM	1	24	21.27	20.93	20.91		
5	64QAM	12	0	20.01	20.16	20.31	21	3
5	64QAM	12	7	20.13	20.17	20.12		
5	64QAM	12	13	20.13	19.99	20.36		
5	64QAM	25	0	20.07	20.14	20.12		
5	256QAM	1	0	18.15	17.95	18.01	19	5
5	256QAM	1	12	17.92	17.81	18.22		
5	256QAM	1	24	18.02	18.04	18.05		
5	256QAM	12	0	17.89	18.05	18.26	19	5
5	256QAM	12	7	18.11	18.14	18.12		
5	256QAM	12	13	17.99	18.05	17.88		
5	256QAM	25	0	18.08	18.10	18.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.96	23.02	23.14	23.05	23.06	24	0
20	QPSK	1	49	22.85	22.93	23.03	22.93	22.83		
20	QPSK	1	99	22.95	22.84	23.09	22.91	23.12		
20	QPSK	50	0	22.19	22.23	22.26	22.20	22.13	23	1
20	QPSK	50	24	22.23	22.25	22.18	22.22	22.04		
20	QPSK	50	50	22.03	22.18	22.15	21.99	22.14		
20	QPSK	100	0	22.16	22.08	22.24	22.19	22.19		
20	16QAM	1	0	22.02	22.07	22.12	22.19	21.88	23	1
20	16QAM	1	49	21.95	22.21	22.29	21.98	22.14		
20	16QAM	1	99	22.01	22.28	22.00	22.13	22.28		
20	16QAM	50	0	21.03	21.19	21.18	21.10	21.17	22	2
20	16QAM	50	24	21.35	21.06	21.13	21.20	21.31		
20	16QAM	50	50	21.30	21.24	21.28	21.35	21.31		
20	16QAM	100	0	21.20	21.30	21.30	21.16	21.09		
20	64QAM	1	0	21.15	21.27	21.15	21.09	21.11	22	2
20	64QAM	1	49	20.98	20.97	21.09	21.16	21.17		
20	64QAM	1	99	21.00	21.06	21.29	21.14	21.27		
20	64QAM	50	0	20.08	20.07	20.19	20.30	20.35	21	3
20	64QAM	50	24	20.22	20.31	20.28	20.10	20.33		
20	64QAM	50	50	20.25	20.10	20.34	20.21	20.26		
20	64QAM	100	0	20.08	20.33	20.20	20.25	20.07		
20	256QAM	1	0	18.16	18.33	18.21	18.08	18.12	19	5
20	256QAM	1	49	18.28	18.16	18.29	18.30	18.24		
20	256QAM	1	99	18.24	18.08	18.19	18.12	18.29		
20	256QAM	50	0	17.99	18.01	18.14	18.13	18.10	19	5
20	256QAM	50	24	18.14	17.97	18.00	18.08	18.11		
20	256QAM	50	50	18.12	18.13	18.00	17.98	18.16		
20	256QAM	100	0	18.30	18.22	18.20	18.31	18.17		
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	22.84	22.88	23.02	22.89	22.88	24.00	0
15	QPSK	1	37	22.74	22.79	22.97	22.74	22.68		
15	QPSK	1	74	22.77	22.67	22.94	22.73	23.05		
15	QPSK	36	0	21.99	22.19	22.13	22.01	22.04	23	1
15	QPSK	36	20	22.16	22.14	22.01	22.13	21.96		
15	QPSK	36	39	21.93	22.10	22.03	21.91	22.08		
15	QPSK	75	0	21.99	21.99	22.15	22.10	22.05		
15	16QAM	1	0	21.86	21.95	21.95	22.07	21.84	23	1
15	16QAM	1	37	21.89	22.05	22.16	21.88	22.05		
15	16QAM	1	74	21.88	22.17	21.87	22.06	22.17		
15	16QAM	36	0	20.84	21.05	21.11	21.01	21.07	22	2
15	16QAM	36	20	21.16	20.86	20.96	21.09	21.25		
15	16QAM	36	39	21.24	21.08	21.11	21.18	21.21		
15	16QAM	75	0	21.16	21.20	21.22	20.99	20.90		
15	64QAM	1	0	21.08	21.15	21.03	20.93	20.97	22	2
15	64QAM	1	37	20.85	20.81	20.92	21.02	21.01		
15	64QAM	1	74	20.96	20.88	21.18	21.03	21.11		
15	64QAM	36	0	19.92	19.92	20.07	20.10	20.19	21	3
15	64QAM	36	20	20.15	20.25	20.14	19.99	20.29		
15	64QAM	36	39	20.13	19.93	20.23	20.02	20.19		
15	64QAM	75	0	19.91	20.13	20.07	20.08	19.97		
15	256QAM	1	0	18.09	18.16	18.03	17.92	18.07	19	5
15	256QAM	1	37	18.20	18.10	18.17	18.12	18.19		
15	256QAM	1	74	18.11	17.94	18.00	17.93	18.14		
15	256QAM	36	0	17.84	17.95	17.95	18.01	18.00	19	5
15	256QAM	36	20	18.02	17.90	17.89	18.02	18.01		
15	256QAM	36	39	17.98	18.07	17.93	17.89	18.11		
15	256QAM	75	0	18.16	18.09	18.06	18.13	18.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.84	22.97	23.08	22.87	22.92	24.00	0
10	QPSK	1	25	22.78	22.73	22.99	22.87	22.68		
10	QPSK	1	49	22.82	22.66	23.01	22.87	23.08		
10	QPSK	25	0	22.13	22.07	22.10	22.04	22.08	23	1
10	QPSK	25	12	22.06	22.20	22.10	22.13	21.84		
10	QPSK	25	25	21.87	22.12	21.99	21.90	22.06		
10	QPSK	50	0	22.11	21.92	22.09	22.03	22.05		
10	16QAM	1	0	21.83	21.91	22.01	22.14	21.78	23	1
10	16QAM	1	25	21.89	22.15	22.21	21.86	21.94		
10	16QAM	1	49	21.86	22.10	21.96	21.95	22.18		
10	16QAM	25	0	20.91	21.07	21.09	20.93	21.05	22	2
10	16QAM	25	12	21.30	20.95	20.97	21.00	21.14		
10	16QAM	25	25	21.17	21.17	21.19	21.17	21.18		
10	16QAM	50	0	21.03	21.11	21.20	21.00	21.04		
10	64QAM	1	0	21.03	21.19	21.10	20.95	21.04	22	2
10	64QAM	1	25	20.81	20.85	20.94	21.01	21.01		
10	64QAM	1	49	20.89	20.93	21.11	21.05	21.08		
10	64QAM	25	0	19.90	19.95	20.05	20.16	20.16	21	3
10	64QAM	25	12	20.08	20.11	20.08	20.01	20.26		
10	64QAM	25	25	20.19	20.06	20.22	20.12	20.17		
10	64QAM	50	0	19.98	20.21	20.06	20.05	19.93		
10	256QAM	1	0	18.09	18.28	18.06	17.91	18.00	19	5
10	256QAM	1	25	18.13	18.01	18.13	18.15	18.11		
10	256QAM	1	49	18.16	17.98	17.99	18.08	18.18		
10	256QAM	25	0	17.86	17.95	17.97	17.99	17.92	19	5
10	256QAM	25	12	18.08	17.89	17.93	17.90	18.07		
10	256QAM	25	25	17.93	18.08	17.91	17.83	17.98		
10	256QAM	50	0	18.19	18.05	18.08	18.17	18.10		
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	22.80	22.97	23.06	22.96	22.89	24.00	0
5	QPSK	1	12	22.72	22.79	22.91	22.81	22.67		
5	QPSK	1	24	22.90	22.67	22.97	22.85	22.92		
5	QPSK	12	0	22.06	22.10	22.19	22.14	21.97	23	1
5	QPSK	12	7	22.13	22.17	22.08	22.09	21.95		
5	QPSK	12	13	21.88	22.07	22.11	21.95	21.97		
5	QPSK	25	0	22.06	21.90	22.05	21.99	22.11		
5	16QAM	1	0	21.88	22.02	22.04	22.05	21.75	23	1
5	16QAM	1	12	21.75	22.12	22.25	21.78	22.07		
5	16QAM	1	24	21.88	22.21	21.82	22.06	22.17		
5	16QAM	12	0	20.89	21.11	21.09	20.93	21.01	22	2
5	16QAM	12	7	21.18	20.88	21.04	21.12	21.27		
5	16QAM	12	13	21.19	21.12	21.09	21.29	21.23		
5	16QAM	25	0	21.08	21.19	21.10	21.08	21.02		
5	64QAM	1	0	21.10	21.10	20.97	20.95	20.98	22	2
5	64QAM	1	12	20.89	20.89	20.93	21.04	21.09		
5	64QAM	1	24	20.93	20.95	21.12	21.08	21.23		
5	64QAM	12	0	19.95	19.90	20.13	20.25	20.28	21	3
5	64QAM	12	7	20.14	20.13	20.11	20.04	20.22		
5	64QAM	12	13	20.10	19.98	20.15	20.14	20.10		
5	64QAM	25	0	20.00	20.17	20.14	20.16	20.00		
5	256QAM	1	0	18.00	18.27	18.11	17.93	17.98	19	5
5	256QAM	1	12	18.13	17.98	18.22	18.22	18.11		
5	256QAM	1	24	18.18	17.91	18.06	17.98	18.20		
5	256QAM	12	0	17.83	17.87	18.09	18.00	17.94	19	5
5	256QAM	12	7	18.08	17.79	17.90	17.98	18.00		
5	256QAM	12	13	17.94	17.93	17.87	17.85	18.01		
5	256QAM	25	0	18.25	18.14	18.10	18.27	18.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.95	25.98	26.15	26.10	26.01	27	0
20	QPSK	1	49	25.96	25.87	26.04	25.87	25.96		
20	QPSK	1	99	26.08	25.92	26.12	25.92	25.87		
20	QPSK	50	0	25.12	25.17	25.21	25.02	25.08	26	1
20	QPSK	50	24	25.17	24.89	25.14	25.17	24.93		
20	QPSK	50	50	25.12	24.84	25.10	24.86	25.11		
20	QPSK	100	0	25.10	25.05	25.18	24.87	25.17		
20	16QAM	1	0	25.20	25.19	25.28	25.31	25.30	26	1
20	16QAM	1	49	25.35	25.18	25.24	25.37	25.23		
20	16QAM	1	99	25.40	25.37	25.13	25.32	25.13		
20	16QAM	50	0	24.00	24.07	24.07	24.24	24.14	25	2
20	16QAM	50	24	24.20	24.11	24.01	24.21	24.00		
20	16QAM	50	50	23.96	23.90	24.21	24.01	24.21		
20	16QAM	100	0	24.13	24.03	24.12	24.19	23.97		
20	64QAM	1	0	24.43	24.43	24.52	24.46	24.56	25	2
20	64QAM	1	49	24.39	24.61	24.41	24.57	24.61		
20	64QAM	1	99	24.37	24.52	24.50	24.46	24.59		
20	64QAM	50	0	23.16	22.91	23.09	23.07	23.23	24	3
20	64QAM	50	24	23.03	23.14	23.15	23.16	23.25		
20	64QAM	50	50	23.13	23.19	23.11	23.21	22.93		
20	64QAM	100	0	22.94	23.26	22.99	23.24	23.08		
20	256QAM	1	0	21.03	21.08	21.07	21.17	21.15	22	5
20	256QAM	1	49	21.11	21.22	21.17	20.96	21.11		
20	256QAM	1	99	20.92	21.23	21.23	21.06	20.93		
20	256QAM	50	0	20.96	21.12	21.08	21.02	20.96	22	5
20	256QAM	50	24	20.91	21.01	21.01	21.15	20.95		
20	256QAM	50	50	21.02	20.90	20.97	21.08	21.13		
20	256QAM	100	0	21.23	21.25	21.11	21.24	21.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.87	25.80	26.09	25.95	25.84	27.00	0
15	QPSK	1	37	25.87	25.80	25.91	25.71	25.78		
15	QPSK	1	74	25.90	25.77	26.01	25.86	25.79		
15	QPSK	36	0	24.93	24.99	25.14	24.94	24.99	26	1
15	QPSK	36	20	25.03	24.78	24.95	25.01	24.76		
15	QPSK	36	39	24.99	24.71	25.01	24.80	25.04		
15	QPSK	75	0	24.94	24.94	25.13	24.76	25.13		
15	16QAM	1	0	25.12	25.04	25.08	25.25	25.20	26	1
15	16QAM	1	37	25.25	25.02	25.20	25.33	25.08		
15	16QAM	1	74	25.22	25.18	25.07	25.16	25.00		
15	16QAM	36	0	23.92	23.91	23.93	24.13	23.98	25	2
15	16QAM	36	20	24.06	23.96	23.91	24.14	23.91		
15	16QAM	36	39	23.77	23.81	24.13	23.87	24.09		
15	16QAM	75	0	24.03	23.85	23.94	24.10	23.82		
15	64QAM	1	0	24.24	24.24	24.39	24.37	24.41	25	2
15	64QAM	1	37	24.24	24.56	24.23	24.44	24.56		
15	64QAM	1	74	24.19	24.37	24.32	24.42	24.45		
15	64QAM	36	0	23.01	22.82	22.90	22.97	23.13	24	3
15	64QAM	36	20	22.91	22.97	23.01	23.11	23.11		
15	64QAM	36	39	22.99	23.10	23.05	23.02	22.87		
15	64QAM	75	0	22.85	23.21	22.94	23.19	23.02		
15	256QAM	1	0	20.83	20.97	20.88	20.98	21.02	22	5
15	256QAM	1	37	20.93	21.16	21.04	20.86	21.01		
15	256QAM	1	74	20.78	21.11	21.14	20.93	20.76		
15	256QAM	36	0	20.85	20.97	21.00	20.93	20.88	22	5
15	256QAM	36	20	20.76	20.84	20.90	21.01	20.84		
15	256QAM	36	39	20.96	20.75	20.80	20.93	21.06		
15	256QAM	75	0	21.12	21.19	20.97	21.18	21.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.77	25.86	26.06	25.92	25.84	27.00	0
10	QPSK	1	25	25.78	25.80	25.93	25.67	25.78		
10	QPSK	1	49	25.95	25.74	25.95	25.79	25.76		
10	QPSK	25	0	24.98	25.01	25.16	24.95	24.99	26	1
10	QPSK	25	12	25.08	24.70	25.10	25.10	24.84		
10	QPSK	25	25	24.98	24.76	24.93	24.78	24.98		
10	QPSK	50	0	24.92	24.88	25.09	24.76	25.12		
10	16QAM	1	0	25.09	25.02	25.21	25.15	25.14	26	1
10	16QAM	1	25	25.18	25.06	25.15	25.29	25.09		
10	16QAM	1	49	25.33	25.19	24.98	25.16	25.02		
10	16QAM	25	0	23.87	24.03	23.98	24.14	24.08	25	2
10	16QAM	25	12	24.04	24.01	23.96	24.04	23.94		
10	16QAM	25	25	23.91	23.75	24.15	23.85	24.02		
10	16QAM	50	0	23.99	23.93	23.97	24.03	23.82		
10	64QAM	1	0	24.27	24.35	24.35	24.39	24.37	25	2
10	64QAM	1	25	24.23	24.53	24.32	24.46	24.47		
10	64QAM	1	49	24.21	24.45	24.34	24.35	24.48		

LTE Band 42
FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.60	22.70	22.59	24	0
20	QPSK	1	49	22.47	22.58	22.53		
20	QPSK	1	99	22.64	22.60	22.58		
20	QPSK	50	0	21.68	21.85	21.62	23	1
20	QPSK	50	24	21.73	21.85	21.56		
20	QPSK	50	50	21.81	21.76	21.54		
20	QPSK	100	0	21.67	21.72	21.68		
20	16QAM	1	0	21.30	21.61	21.63	23	1
20	16QAM	1	49	21.63	21.57	21.71		
20	16QAM	1	99	21.66	21.58	21.66		
20	16QAM	50	0	20.73	20.66	20.67	22	2
20	16QAM	50	24	20.52	20.77	20.70		
20	16QAM	50	50	20.80	20.50	20.72		
20	16QAM	100	0	20.63	20.56	20.56		
20	64QAM	1	0	20.70	20.73	20.79	22	2
20	64QAM	1	49	20.86	20.83	20.66		
20	64QAM	1	99	20.63	20.89	20.89		
20	64QAM	50	0	19.78	19.68	19.55	21	3
20	64QAM	50	24	19.86	19.62	19.73		
20	64QAM	50	50	19.74	19.72	19.59		
20	64QAM	100	0	19.61	19.72	19.62		
20	256QAM	1	0	17.73	17.68	17.77	19	5
20	256QAM	1	49	17.81	17.72	17.48		
20	256QAM	1	99	17.64	17.57	17.55		
20	256QAM	50	0	17.82	17.75	17.78	19	5
20	256QAM	50	24	17.62	17.79	17.59		
20	256QAM	50	50	17.61	17.61	17.70		
20	256QAM	100	0	17.84	17.75	17.69		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.55	22.62	22.47	24	0
15	QPSK	1	37	22.41	22.49	22.49		
15	QPSK	1	74	22.55	22.51	22.53		
15	QPSK	36	0	21.61	21.71	21.58	23	1
15	QPSK	36	20	21.67	21.74	21.53		
15	QPSK	36	39	21.76	21.74	21.41		
15	QPSK	75	0	21.55	21.61	21.56		
15	16QAM	1	0	21.21	21.54	21.58	23	1
15	16QAM	1	37	21.59	21.50	21.68		
15	16QAM	1	74	21.61	21.50	21.63		
15	16QAM	36	0	20.59	20.54	20.55	22	2
15	16QAM	36	20	20.46	20.66	20.62		
15	16QAM	36	39	20.76	20.47	20.66		
15	16QAM	75	0	20.50	20.51	20.54		
15	64QAM	1	0	20.57	20.67	20.70	22	2
15	64QAM	1	37	20.73	20.76	20.59		
15	64QAM	1	74	20.58	20.82	20.82		
15	64QAM	36	0	19.76	19.61	19.45	21	3
15	64QAM	36	20	19.76	19.57	19.67		
15	64QAM	36	39	19.61	19.63	19.49		
15	64QAM	75	0	19.55	19.59	19.50		
15	256QAM	1	0	17.67	17.61	17.67	19	5
15	256QAM	1	37	17.69	17.64	17.38		
15	256QAM	1	74	17.52	17.48	17.52		
15	256QAM	36	0	17.72	17.63	17.75	19	5
15	256QAM	36	20	17.49	17.70	17.54		
15	256QAM	36	39	17.48	17.51	17.65		
15	256QAM	75	0	17.75	17.72	17.60		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.55	22.65	22.51	24	0
10	QPSK	1	25	22.37	22.50	22.51		
10	QPSK	1	49	22.56	22.56	22.54		
10	QPSK	25	0	21.55	21.73	21.59	23	1
10	QPSK	25	12	21.61	21.73	21.43		
10	QPSK	25	25	21.77	21.70	21.47		
10	QPSK	50	0	21.62	21.63	21.62		
10	16QAM	1	0	21.24	21.48	21.56	23	1
10	16QAM	1	25	21.59	21.50	21.59		
10	16QAM	1	49	21.58	21.52	21.53		
10	16QAM	25	0	20.68	20.57	20.60	22	2
10	16QAM	25	12	20.47	20.63	20.62		
10	16QAM	25	25	20.77	20.38	20.62		
10	16QAM	50	0	20.55	20.50	20.47		
10	64QAM	1	0	20.61	20.63	20.72	22	2
10	64QAM	1	25	20.79	20.70	20.53		
10	64QAM	1	49	20.56	20.82	20.76		
10	64QAM	25	0	19.66	19.55	19.43	21	3
10	64QAM	25	12	19.84	19.58	19.70		
10	64QAM	25	25	19.70	19.60	19.48		
10	64QAM	50	0	19.58	19.68	19.48		
10	256QAM	1	0	17.68	17.62	17.65	19	5
10	256QAM	1	25	17.73	17.67	17.44		
10	256QAM	1	49	17.60	17.49	17.51		
10	256QAM	25	0	17.73	17.68	17.73	19	5
10	256QAM	25	12	17.49	17.68	17.48		
10	256QAM	25	25	17.50	17.57	17.58		
10	256QAM	50	0	17.73	17.65	17.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.48	22.61	22.46	24	0
5	QPSK	1	12	22.44	22.50	22.45		
5	QPSK	1	24	22.55	22.60	22.46		
5	QPSK	12	0	21.58	21.72	21.57	23	1
5	QPSK	12	7	21.67	21.73	21.49		
5	QPSK	12	13	21.77	21.70	21.45		
5	QPSK	25	0	21.54	21.59	21.55		
5	16QAM	1	0	21.27	21.48	21.60	23	1
5	16QAM	1	12	21.56	21.51	21.58		
5	16QAM	1	24	21.56	21.51	21.61		
5	16QAM	12	0	20.68	20.53	20.54	22	2
5	16QAM	12	7	20.49	20.75	20.64		
5	16QAM	12	13	20.78	20.46	20.58		
5	16QAM	25	0	20.56	20.48	20.50		
5	64QAM	1	0	20.66	20.66	20.67	22	2
5	64QAM	1	12	20.81	20.73	20.64		
5	64QAM	1	24	20.55	20.77	20.76		
5	64QAM	12	0	19.68	19.58	19.47	21	3
5	64QAM	12	7	19.77	19.51	19.64		
5	64QAM	12	13	19.65	19.61	19.49		
5	64QAM	25	0	19.54	19.68	19.57		
5	256QAM	1	0	17.59	17.61	17.72	19	5
5	256QAM	1	12	17.75	17.58	17.43		
5	256QAM	1	24	17.58	17.43	17.43		
5	256QAM	12	0	17.69	17.64	17.74	19	5
5	256QAM	12	7	17.57	17.75	17.53		
5	256QAM	12	13	17.48	17.57	17.63		
5	256QAM	25	0	17.80	17.63	17.63		

LTE Band 42 Ant6
FCC (3.5GHz Band) (3450-3550MHz) Part 27Q

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.98	22.95	22.79	24	0
20	QPSK	1	49	22.87	22.81	22.90		
20	QPSK	1	99	22.94	22.68	22.95		
20	QPSK	50	0	21.97	21.84	21.69	23	1
20	QPSK	50	24	21.80	21.78	21.54		
20	QPSK	50	50	21.81	21.81	21.78		
20	QPSK	100	0	21.93	21.78	21.65		
20	16QAM	1	0	21.79	21.73	21.86	23	1
20	16QAM	1	49	21.70	21.70	21.94		
20	16QAM	1	99	21.94	21.86	21.97		
20	16QAM	50	0	20.79	20.82	20.94	22	2
20	16QAM	50	24	20.85	20.75	20.89		
20	16QAM	50	50	20.66	20.67	20.71		
20	16QAM	100	0	20.85	20.72	20.64		
20	64QAM	1	0	20.85	20.70	20.91	22	2
20	64QAM	1	49	20.84	20.78	20.90		
20	64QAM	1	99	21.00	20.82	20.71		
20	64QAM	50	0	19.80	19.76	19.89	21	3
20	64QAM	50	24	19.62	19.83	19.91		
20	64QAM	50	50	19.80	19.65	19.83		
20	64QAM	100	0	19.85	19.92	19.70		
20	256QAM	1	0	17.90	17.97	17.84	19	5
20	256QAM	1	49	17.97	17.91	18.07		
20	256QAM	1	99	18.07	17.87	17.84		
20	256QAM	50	0	17.86	17.70	17.82	19	5
20	256QAM	50	24	17.83	17.92	17.74		
20	256QAM	50	50	17.73	17.79	17.91		
20	256QAM	100	0	17.96	18.03	18.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.93	22.79	22.70	24	0
15	QPSK	1	37	22.76	22.63	22.77		
15	QPSK	1	74	22.83	22.52	22.83		
15	QPSK	36	0	21.74	21.79	21.65	23	1
15	QPSK	36	20	21.63	21.70	21.42		
15	QPSK	36	39	21.74	21.76	21.73		
15	QPSK	75	0	21.66	21.65	21.58		
15	16QAM	1	0	21.69	21.67	21.71	23	1
15	16QAM	1	37	21.61	21.54	21.80		
15	16QAM	1	74	21.84	21.79	21.87		
15	16QAM	36	0	20.71	20.74	20.74	22	2
15	16QAM	36	20	20.66	20.68	20.73		
15	16QAM	36	39	20.61	20.63	20.67		
15	16QAM	75	0	20.79	20.57	20.45		
15	64QAM	1	0	20.72	20.54	20.85	22	2
15	64QAM	1	37	20.73	20.73	20.82		
15	64QAM	1	74	20.87	20.72	20.53		
15	64QAM	36	0	19.66	19.66	19.81	21	3
15	64QAM	36	20	19.48	19.72	19.73		
15	64QAM	36	39	19.73	19.46	19.70		
15	64QAM	75	0	19.80	19.86	19.59		
15	256QAM	1	0	17.85	17.85	17.70	19	5
15	256QAM	1	37	17.87	17.81	17.89		
15	256QAM	1	74	17.70	17.77	17.80		
15	256QAM	36	0	17.73	17.66	17.67	19	5
15	256QAM	36	20	17.72	17.78	17.55		
15	256QAM	36	39	17.58	17.71	17.85		
15	256QAM	75	0	17.91	17.93	17.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.85	22.86	22.72	24	0
10	QPSK	1	25	22.68	22.68	22.72		
10	QPSK	1	49	22.89	22.60	22.83		
10	QPSK	25	0	21.68	21.69	21.65	23	1
10	QPSK	25	12	21.73	21.68	21.36		
10	QPSK	25	25	21.67	21.71	21.60		
10	QPSK	50	0	21.67	21.72	21.49		
10	16QAM	1	0	21.60	21.56	21.74	23	1
10	16QAM	1	25	21.58	21.64	21.84		
10	16QAM	1	49	21.87	21.75	21.86		
10	16QAM	25	0	20.69	20.67	20.87	22	2
10	16QAM	25	12	20.75	20.64	20.83		
10	16QAM	25	25	20.60	20.55	20.57		
10	16QAM	50	0	20.80	20.55	20.58		
10	64QAM	1	0	20.70	20.64	20.87	22	2
10	64QAM	1	25	20.73	20.69	20.81		
10	64QAM	1	49	20.80	20.64	20.52		
10	64QAM	25	0	19.63	19.63	19.78	21	3
10	64QAM	25	12	19.50	19.77	19.75		
10	64QAM	25	25	19.72	19.50	19.73		
10	64QAM	50	0	19.72	19.82	19.51		
10	256QAM	1	0	17.70	17.78	17.66	19	5
10	256QAM	1	25	17.79	17.82	17.95		
10	256QAM	1	49	17.91	17.67	17.75		
10	256QAM	25	0	17.70	17.63	17.72	19	5
10	256QAM	25	12	17.64	17.80	17.62		
10	256QAM	25	25	17.56	17.60	17.82		
10	256QAM	50	0	17.91	17.90	17.93		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.90	22.91	22.70	24	0
5	QPSK	1	12	22.81	22.66	22.82		
5	QPSK	1	24	22.87	22.54	22.85		
5	QPSK	12	0	21.78	21.79	21.57	23	1
5	QPSK	12	7	21.63	21.70	21.43		
5	QPSK	12	13	21.68	21.71	21.63		
5	QPSK	25	0	21.74	21.65	21.47		
5	16QAM	1	0	21.59	21.68	21.70	23	1
5	16QAM	1	12	21.52	21.52	21.76		
5	16QAM	1	24	21.78	21.75	21.92		
5	16QAM	12	0	20.60	20.77	20.86	22	2
5	16QAM	12	7	20.70	20.62	20.77		
5	16QAM	12	13	20.51	20.51	20.65		
5	16QAM	25	0	20.76	20.61	20.50		
5	64QAM	1	0	20.73	20.56	20.87	22	2
5	64QAM	1	12	20.67	20.64	20.82		
5	64QAM	1	24	20.85	20.68	20.52		
5	64QAM	12	0	19.70	19.57	19.71	21	3
5	64QAM	12	7	19.55	19.70	19.86		
5	64QAM	12	13	19.60	19.52	19.64		
5	64QAM	25	0	19.74	19.73	19.64		
5	256QAM	1	0	17.75	17.80	17.69	19	5
5	256QAM	1	12	17.91	17.76	17.94		
5	256QAM	1	24	17.92	17.78	17.76		
5	256QAM	12	0	17.77	17.64	17.76	19	5
5	256QAM	12	7	17.65	17.83	17.62		
5	256QAM	12	13	17.65	17.72	17.82		
5	256QAM	25	0	17.76	17.95	17.90		

LTE Band 43 Ant6
(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44490	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.69	22.72	22.67	24	0
20	QPSK	1	49	22.60	22.68	22.65		
20	QPSK	1	99	22.68	22.63	22.69		
20	QPSK	50	0	21.78	21.88	21.66	23	1
20	QPSK	50	24	21.79	21.87	21.61		
20	QPSK	50	50	21.86	21.85	21.62		
20	QPSK	100	0	21.77	21.85	21.79		
20	16QAM	1	0	21.43	21.65	21.65	23	1
20	16QAM	1	49	21.73	21.60	21.75		
20	16QAM	1	99	21.70	21.64	21.72		
20	16QAM	50	0	20.83	20.77	20.75	22	2
20	16QAM	50	24	20.63	20.80	20.78		
20	16QAM	50	50	20.86	20.62	20.79		
20	16QAM	100	0	20.74	20.60	20.63		
20	64QAM	1	0	20.80	20.83	20.86	22	2
20	64QAM	1	49	20.96	20.94	20.78		
20	64QAM	1	99	20.66	20.95	20.91		
20	64QAM	50	0	19.86	19.75	19.60	21	3
20	64QAM	50	24	19.91	19.75	19.79		
20	64QAM	50	50	19.78	19.75	19.62		
20	64QAM	100	0	19.67	19.82	19.67		
20	256QAM	1	0	17.79	17.71	17.83	19	5
20	256QAM	1	49	17.85	17.80	17.56		
20	256QAM	1	99	17.73	17.66	17.65		
20	256QAM	50	0	17.93	17.77	17.83	19	5
20	256QAM	50	24	17.69	17.84	17.62		
20	256QAM	50	50	17.75	17.69	17.83		
20	256QAM	100	0	17.92	17.78	17.73		
Channel				44165	44490	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.52	22.53	22.56	24	0
15	QPSK	1	37	22.45	22.60	22.58		
15	QPSK	1	74	22.64	22.57	22.54		
15	QPSK	36	0	21.60	21.82	21.48	23	1
15	QPSK	36	20	21.60	21.75	21.55		
15	QPSK	36	39	21.67	21.75	21.58		
15	QPSK	75	0	21.72	21.77	21.74		
15	16QAM	1	0	21.38	21.46	21.54	23	1
15	16QAM	1	37	21.63	21.41	21.62		
15	16QAM	1	74	21.56	21.54	21.61		
15	16QAM	36	0	20.70	20.62	20.70	22	2
15	16QAM	36	20	20.47	20.66	20.72		
15	16QAM	36	39	20.82	20.46	20.65		
15	16QAM	75	0	20.55	20.49	20.44		
15	64QAM	1	0	20.71	20.69	20.72	22	2
15	64QAM	1	37	20.85	20.87	20.63		
15	64QAM	1	74	20.58	20.87	20.80		
15	64QAM	36	0	19.73	19.65	19.53	21	3
15	64QAM	36	20	19.80	19.59	19.61		
15	64QAM	36	39	19.64	19.58	19.51		
15	64QAM	75	0	19.54	19.70	19.50		
15	256QAM	1	0	17.67	17.66	17.63	19	5
15	256QAM	1	37	17.73	17.71	17.51		
15	256QAM	1	74	17.64	17.50	17.56		
15	256QAM	36	0	17.74	17.71	17.67	19	5
15	256QAM	36	20	17.53	17.74	17.50		
15	256QAM	36	39	17.55	17.58	17.78		
15	256QAM	75	0	17.83	17.67	17.64		
Channel				44140	44490	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.55	22.56	22.53	24	0
10	QPSK	1	25	22.46	22.55	22.59		
10	QPSK	1	49	22.61	22.45	22.58		
10	QPSK	25	0	21.67	21.83	21.54	23	1
10	QPSK	25	12	21.61	21.75	21.47		
10	QPSK	25	25	21.67	21.73	21.42		
10	QPSK	50	0	21.69	21.76	21.73		
10	16QAM	1	0	21.26	21.49	21.51	23	1
10	16QAM	1	25	21.58	21.50	21.66		
10	16QAM	1	49	21.63	21.58	21.63		
10	16QAM	25	0	20.79	20.60	20.61	22	2
10	16QAM	25	12	20.53	20.62	20.65		
10	16QAM	25	25	20.68	20.55	20.62		
10	16QAM	50	0	20.64	20.48	20.51		
10	64QAM	1	0	20.72	20.69	20.67	22	2
10	64QAM	1	25	20.88	20.80	20.67		
10	64QAM	1	49	20.94	20.90	20.80		
10	64QAM	25	0	19.69	19.68	19.53	21	3
10	64QAM	25	12	19.84	19.70	19.67		
10	64QAM	25	25	19.68	19.62	19.53		
10	64QAM	50	0	19.50	19.70	19.51		
10	256QAM	1	0	17.64	17.56	17.74	19	5
10	256QAM	1	25	17.76	17.67	17.39		
10	256QAM	1	49	17.59	17.48	17.51		
10	256QAM	25	0	17.74	17.64	17.73	19	5
10	256QAM	25	12	17.62	17.69	17.44		
10	256QAM	25	25	17.57	17.58	17.76		
10	256QAM	50	0	17.85	17.62	17.59		
Channel				44115	44490	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.55	22.54	22.57	24	0
5	QPSK	1	12	22.44	22.56	22.51		
5	QPSK	1	24	22.59	22.52	22.51		
5	QPSK	12	0	21.61	21.75	21.52	23	1
5	QPSK	12	7	21.66	21.82	21.57		
5	QPSK	12	13	21.68	21.70	21.57		
5	QPSK	25	0	21.64	21.77	21.73		
5	16QAM	1	0	21.31	21.56	21.54	23	1
5	16QAM	1	12	21.64	21.48	21.59		
5	16QAM	1	24	21.62	21.56	21.54		
5	16QAM	12	0	20.68	20.71	20.68	22	2
5	16QAM	12	7	20.43	20.61	20.67		
5	16QAM	12	13	20.67	20.57	20.70		
5	16QAM	25	0	20.61	20.42	20.55		
5	64QAM	1	0	20.70	20.79	20.79	22	2
5	64QAM	1	12	20.86	20.84	20.64		
5	64QAM	1	24	20.50	20.88	20.73		
5	64QAM	12	0	19.74	19.66	19.48	21	3
5	64QAM	12	7	19.86	19.60	19.64		
5	64QAM	12	13	19.73	19.58	19.43		
5	64QAM	25	0	19.53	19.74	19.50		
5	256QAM	1	0	17.69	17.53	17.69	19	5
5	256QAM	1	12	17.70	17.68	17.51		
5	256QAM	1	24	17.64	17.62	17.48		
5	256QAM	12	0	17.79	17.65	17.70	19	5
5	256QAM	12	7	17.52	17.76	17.49		
5	256QAM	12	13	17.66	17.61	17.68		
5	256QAM	25	0	17.76	17.71	17.61		

LTE Band 48 Ant6
FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55630	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.66	22.72	22.63	22.45	
20	QPSK	1	49	22.55	22.70	22.63	22.59	24
20	QPSK	1	99	22.52	22.65	22.48	22.58	
20	QPSK	50	0	21.89	21.92	21.67	21.78	
20	QPSK	50	24	21.81	21.83	21.84	21.70	23
20	QPSK	50	50	21.75	21.90	21.89	21.69	
20	QPSK	100	0	21.83	21.88	21.86	21.79	
20	16QAM	1	0	21.59	21.66	21.74	21.73	
20	16QAM	1	49	21.71	21.82	21.51	21.78	23
20	16QAM	1	99	21.81	21.74	21.62	21.77	
20	16QAM	50	0	20.70	20.88	20.90

Reduced Power Mode for DSI6 ENDC simultaneous

LTE Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.35	23.41	23.34	24.5	0
20	QPSK	1	49	23.39	23.36	23.30		
20	QPSK	1	99	23.38	23.38	23.27		
20	QPSK	50	0	22.38	22.56	22.48	23.5	1
20	QPSK	50	24	22.48	22.42	22.34		
20	QPSK	50	50	22.43	22.41	22.51		
20	QPSK	100	0	22.46	22.51	22.43		
20	16QAM	1	0	22.79	22.83	22.68	23.5	1
20	16QAM	1	49	22.95	22.86	23.01		
20	16QAM	1	99	22.94	22.87	22.88		
20	16QAM	50	0	21.36	21.42	21.32	22.5	2
20	16QAM	50	24	21.44	21.27	21.39		
20	16QAM	50	50	21.43	21.56	21.24		
20	16QAM	100	0	21.38	21.60	21.32		
20	64QAM	1	0	21.78	21.76	21.81	22.5	2
20	64QAM	1	49	21.58	21.82	21.80		
20	64QAM	1	99	21.78	21.68	21.82		
20	64QAM	50	0	20.42	20.46	20.42	21.5	3
20	64QAM	50	24	20.39	20.62	20.57		
20	64QAM	50	50	20.40	20.50	20.48		
20	64QAM	100	0	20.42	20.44	20.42		
20	256QAM	1	0	18.68	18.55	18.68	19.5	5
20	256QAM	1	49	18.51	18.52	18.64		
20	256QAM	1	99	18.49	18.72	18.57		
20	256QAM	50	0	18.43	18.40	18.34	19.5	5
20	256QAM	50	24	18.30	18.50	18.44		
20	256QAM	50	50	18.24	18.28	18.54		
20	256QAM	100	0	18.31	18.36	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.31	23.22	23.27	24.5	0
15	QPSK	1	37	23.31	23.30	23.22		
15	QPSK	1	74	23.31	23.18	23.09		
15	QPSK	36	0	22.23	22.49	22.29	23.5	1
15	QPSK	36	20	22.28	22.33	22.29		
15	QPSK	36	39	22.35	22.30	22.37		
15	QPSK	75	0	22.36	22.44	22.24		
15	16QAM	1	0	22.69	22.77	22.49	23.5	1
15	16QAM	1	37	22.78	22.73	22.89		
15	16QAM	1	74	22.82	22.79	22.84		
15	16QAM	36	0	21.22	21.34	21.13	22.5	2
15	16QAM	36	20	21.25	21.15	21.26		
15	16QAM	36	39	21.37	21.30	21.12		
15	16QAM	75	0	21.21	21.54	21.20		
15	64QAM	1	0	21.59	21.66	21.68	22.5	2
15	64QAM	1	37	21.47	21.66	21.61		
15	64QAM	1	74	21.70	21.49	21.63		
15	64QAM	36	0	20.35	20.36	20.36	21.5	3
15	64QAM	36	20	20.26	20.50	20.42		
15	64QAM	36	39	20.34	20.22	20.32		
15	64QAM	75	0	20.28	20.32	20.37		
15	256QAM	1	0	18.59	18.46	18.58	19.5	5
15	256QAM	1	37	18.46	18.45	18.54		
15	256QAM	1	74	18.30	18.66	18.42		
15	256QAM	36	0	18.32	18.26	18.25	19.5	5
15	256QAM	36	20	18.14	18.38	18.33		
15	256QAM	36	39	18.05	18.12	18.48		
15	256QAM	75	0	18.25	18.30	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.26	23.26	23.23	24.5	0
10	QPSK	1	25	23.34	23.31	23.25		
10	QPSK	1	49	23.24	23.20	23.22		
10	QPSK	25	0	22.31	22.40	22.30	23.5	1
10	QPSK	25	12	22.39	22.24	22.23		
10	QPSK	25	25	22.27	22.32	22.35		
10	QPSK	50	0	22.41	22.37	22.33		
10	16QAM	1	0	22.64	22.69	22.49	23.5	1
10	16QAM	1	25	22.80	22.68	22.83		
10	16QAM	1	49	22.77	22.69	22.78		
10	16QAM	25	0	21.24	21.22	21.27	22.5	2
10	16QAM	25	12	21.25	21.10	21.29		
10	16QAM	25	25	21.35	21.49	21.06		
10	16QAM	50	0	21.24	21.55	21.23		
10	64QAM	1	0	21.62	21.69	21.75	22.5	2
10	64QAM	1	25	21.45	21.63	21.65		
10	64QAM	1	49	21.60	21.51	21.77		
10	64QAM	25	0	20.34	20.34	20.27	21.5	3
10	64QAM	25	12	20.28	20.47	20.45		
10	64QAM	25	25	20.23	20.23	20.40		
10	64QAM	50	0	20.36	20.34	20.26		
10	256QAM	1	0	18.52	18.50	18.54	19.5	5
10	256QAM	1	25	18.47	18.46	18.54		
10	256QAM	1	49	18.41	18.53	18.42		
10	256QAM	25	0	18.39	18.32	18.16	19.5	5
10	256QAM	25	12	18.26	18.49	18.39		
10	256QAM	25	25	18.15	18.20	18.36		
10	256QAM	50	0	18.22	18.31	18.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.29	23.33	23.22	24.5	0
5	QPSK	1	12	23.28	23.23	23.15		
5	QPSK	1	24	23.27	23.29	23.11		
5	QPSK	12	0	22.30	22.42	22.39	23.5	1
5	QPSK	12	7	22.37	22.27	22.14		
5	QPSK	12	13	22.29	22.34	22.34		
5	QPSK	25	0	22.40	22.33	22.38		
5	16QAM	1	0	22.63	22.76	22.60	23.5	1
5	16QAM	1	12	22.79	22.78	22.92		
5	16QAM	1	24	22.83	22.82	22.77		
5	16QAM	12	0	21.27	21.29	21.16	22.5	2
5	16QAM	12	7	21.32	21.17	21.20		
5	16QAM	12	13	21.24	21.45	21.18		
5	16QAM	25	0	21.25	21.53	21.27		
5	64QAM	1	0	21.60	21.62	21.62	22.5	2
5	64QAM	1	12	21.46	21.68	21.65		
5	64QAM	1	24	21.69	21.53	21.68		
5	64QAM	12	0	20.36	20.31	20.31	21.5	3
5	64QAM	12	7	20.30	20.55	20.41		
5	64QAM	12	13	20.20	20.16	20.38		
5	64QAM	25	0	20.34	20.37	20.29		
5	256QAM	1	0	18.64	18.50	18.50	19.5	5
5	256QAM	1	12	18.33	18.33	18.54		
5	256QAM	1	24	18.33	18.54	18.47		
5	256QAM	12	0	18.37	18.24	18.30	19.5	5
5	256QAM	12	7	18.21	18.35	18.31		
5	256QAM	12	13	18.18	18.19	18.49		
5	256QAM	25	0	18.19	18.30	18.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.19	23.36	23.25	24.5	0
3	QPSK	1	8	23.23	23.22	23.19		
3	QPSK	1	14	23.21	23.18	23.14		
3	QPSK	8	0	22.18	22.45	22.39	23.5	1
3	QPSK	8	4	22.37	22.27	22.28		
3	QPSK	8	7	22.27	22.32	22.37		
3	QPSK	15	0	22.41	22.46	22.28		
3	16QAM	1	0	22.64	22.72	22.54	23.5	1
3	16QAM	1	8	22.90	22.67	22.87		
3	16QAM	1	14	22.83	22.75	22.77		
3	16QAM	8	0	21.27	21.25	21.26	22.5	2
3	16QAM	8	4	21.38	21.08	21.20		
3	16QAM	8	7	21.25	21.43	21.07		
3	16QAM	15	0	21.34	21.53	21.26		
3	64QAM	1	0	21.66	21.68	21.71	22.5	2
3	64QAM	1	8	21.48	21.65	21.69		
3	64QAM	1	14	21.67	21.50	21.74		
3	64QAM	8	0	20.32	20.30	20.28	21.5	3
3	64QAM	8	4	20.27	20.53	20.42		
3	64QAM	8	7	20.26	20.20	20.39		
3	64QAM	15	0	20.24	20.36	20.35		
3	256QAM	1	0	18.52	18.39	18.52	19.5	5
3	256QAM	1	8	18.35	18.35	18.51		
3	256QAM	1	14	18.40	18.58	18.41		
3	256QAM	8	0	18.39	18.36	18.18	19.5	5
3	256QAM	8	4	18.17	18.46	18.35		
3	256QAM	8	7	18.09	18.13	18.48		
3	256QAM	15	0	18.12	18.26	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.26	23.36	23.28	24.5	0
1.4	QPSK	1	3	23.27	23.30	23.12		
1.4	QPSK	1	5	23.27	23.21	23.21		
1.4	QPSK	3	0	23.20	23.31	23.24		
1.4	QPSK	3	1	23.26	23.21	23.19		
1.4	QPSK	3	3	23.24	23.31	23.14		
1.4	QPSK	6	0	22.09	22.37	22.32	23.5	1
1.4	16QAM	1	0	22.29	22.15	22.16	23.5	1
1.4	16QAM	1	3	22.22	22.21	22.25		
1.4	16QAM	1	5	22.25	22.32	22.24		
1.4	16QAM	3	0	22.49	22.64	22.40		
1.4	16QAM	3	1	22.83	22.52	22.78		
1.4	16QAM	3	3	22.78	22.67	22.58		
1.4	16QAM	6	0	21.12	21.09	21.02	22.5	2
1.4	64QAM	1	0	21.26	21.02	21.04	22.5	2
1.4	64QAM	1	3	21.19	21.33	21.02		
1.4	64QAM	1	5	21.16	21.39	21.04		
1.4	64QAM	3	0	21.59	21.49	21.63		
1.4	64QAM	3	1	21.40	21.59	21.54		
1.4	64QAM	3	3	21.50	21.38	21.58		
1.4	64QAM	6	0	20.16	20.17	20.15	21.5	3
1.4	256QAM	1	0	18.59	18.47	18.60	19.5	5
1.4	256QAM	1	3	18.38	18.44	18.48		
1.4	256QAM	1	5	18.36	18.52	18.42		
1.4	256QAM	3	0	18.24	18.31	18.20		
1.4	256QAM	3	1	18.18	18.37	18.40		
1.4	256QAM	3	3	18.16	18.22	18.44		
1.4	256QAM	6	0	18.23	18.19	18.48	19.5	5

LTE Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.31	23.33	23.27	24.5	0
20	QPSK	1	49	23.29	23.25	23.23		
20	QPSK	1	99	23.20	23.23	23.30		
20	QPSK	50	0	22.45	22.46	22.38	23.5	1
20	QPSK	50	24	22.40	22.35	22.40		
20	QPSK	50	50	22.32	22.46	22.41		
20	QPSK	100	0	22.36	22.43	22.33		
20	16QAM	1	0	22.75	22.70	22.80	23.5	1
20	16QAM	1	49	22.70	22.74	22.56		
20	16QAM	1	99	22.61	22.84	22.60		
20	16QAM	50	0	21.37	21.42	21.39	22.5	2
20	16QAM	50	24	21.42	21.45	21.35		
20	16QAM	50	50	21.28	21.47	21.24		
20	16QAM	100	0	21.41	21.28	21.27		
20	64QAM	1	0	21.47	21.57	21.68	22.5	2
20	64QAM	1	49	21.43	21.40	21.56		
20	64QAM	1	99	21.60	21.62	21.47		
20	64QAM	50	0	20.37	20.48	20.64	21.5	3
20	64QAM	50	24	20.42	20.55	20.60		
20	64QAM	50	50	20.53	20.53	20.51		
20	64QAM	100	0	20.31	20.55	20.48		
20	256QAM	1	0	18.38	18.49	18.52	19.5	5
20	256QAM	1	49	18.60	18.63	18.56		
20	256QAM	1	99	18.56	18.34	18.65		
20	256QAM	50	0	18.54	18.50	18.59	19.5	5
20	256QAM	50	24	18.55	18.49	18.43		
20	256QAM	50	50	18.42	18.33	18.55		
20	256QAM	100	0	18.62	18.53	18.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.23	23.24	23.21	24.5	0
15	QPSK	1	37	23.11	23.27	23.08		
15	QPSK	1	74	23.05	23.16	23.20		
15	QPSK	36	0	22.32	22.49	22.41	23.5	1
15	QPSK	36	20	22.21	22.48	22.27		
15	QPSK	36	39	22.13	22.37	22.25		
15	QPSK	75	0	22.34	22.35	22.18		
15	16QAM	1	0	22.55	22.54	22.69	23.5	1
15	16QAM	1	37	22.51	22.61	22.49		
15	16QAM	1	74	22.54	22.73	22.48		
15	16QAM	36	0	21.30	21.35	21.21	22.5	2
15	16QAM	36	20	21.29	21.40	21.16		
15	16QAM	36	39	21.15	21.28	21.05		
15	16QAM	75	0	21.26	21.12	21.17		
15	64QAM	1	0	21.27	21.44	21.51	22.5	2
15	64QAM	1	37	21.27	21.34	21.41		
15	64QAM	1	74	21.49	21.52	21.37		
15	64QAM	36	0	20.23	20.30	20.44	21.5	3
15	64QAM	36	20	20.24	20.46	20.43		
15	64QAM	36	39	20.48	20.48	20.34		
15	64QAM	75	0	20.15	20.40	20.37		
15	256QAM	1	0	18.26	18.32	18.44	19.5	5
15	256QAM	1	37	18.41	18.59	18.49		
15	256QAM	1	74	18.47	18.22	18.54		
15	256QAM	36	0	18.36	18.33	18.44	19.5	5
15	256QAM	36	20	18.45	18.40	18.34		
15	256QAM	36	39	18.34	18.25	18.50		
15	256QAM	75	0	18.48	18.44	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.32	23.24	23.14	24.5	0
10	QPSK	1	25	23.21	23.20	23.11		
10	QPSK	1	49	23.10	23.15	23.13		
10	QPSK	25	0	22.39	22.52	22.35	23.5	1
10	QPSK	25	12	22.27	22.38	22.33		
10	QPSK	25	25	22.20	22.26	22.22		
10	QPSK	50	0	22.41	22.42	22.23		
10	16QAM	1	0	22.56	22.61	22.61	23.5	1
10	16QAM	1	25	22.64	22.69	22.44		
10	16QAM	1	49	22.41	22.71	22.48		
10	16QAM	25	0	21.18	21.32	21.24	22.5	2
10	16QAM	25	12	21.28	21.38	21.22		
10	16QAM	25	25	21.08	21.31	21.12		
10	16QAM	50	0	21.25	21.09	21.21		
10	64QAM	1	0	21.38	21.37	21.60	22.5	2
10	64QAM	1	25	21.37	21.25	21.45		
10	64QAM	1	49	21.42	21.48	21.36		
10	64QAM	25	0	20.31	20.43	20.49	21.5	3
10	64QAM	25	12	20.32	20.44	20.46		
10	64QAM	25	25	20.33	20.35	20.37		
10	64QAM	50	0	20.13	20.40	20.32		
10	256QAM	1	0	18.30	18.41	18.38	19.5	5
10	256QAM	1	25	18.45	18.49	18.41		
10	256QAM	1	49	18.40	18.16	18.51		
10	256QAM	25	0	18.47	18.34	18.53	19.5	5
10	256QAM	25	12	18.37	18.39	18.27		
10	256QAM	25	25	18.32	18.28	18.40		
10	256QAM	50	0	18.52	18.36	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.26	23.29	23.19	24.5	0
5	QPSK	1	12	23.10	23.29	23.19		
5	QPSK	1	24	23.02	23.19	23.16		
5	QPSK	12	0	22.25	22.49	22.34	23.5	1
5	QPSK	12	7	22.24	22.41	22.29		
5	QPSK	12	13	22.15	22.32	22.30		
5	QPSK	25	0	22.34	22.33	22.23		
5	16QAM	1	0	22.60	22.64	22.74	23.5	1
5	16QAM	1	12	22.58	22.69	22.50		
5	16QAM	1	24	22.54	22.75	22.49		
5	16QAM	12	0	21.18	21.29	21.31	22.5	2
5	16QAM	12	7	21.27	21.28	21.30		
5	16QAM	12	13	21.17	21.40	21.04		
5	16QAM	25	0	21.29	21.11	21.22		
5	64QAM	1	0	21.41	21.40	21.58	22.5	2
5	64QAM	1	12	21.29	21.29	21.42		
5	64QAM	1	24	21.48	21.55	21.42		
5	64QAM	12	0	20.28	20.44	20.53	21.5	3
5	64QAM	12	7	20.22	20.43	20.41		
5	64QAM	12	13	20.36	20.35	20.45		
5	64QAM	25	0	20.15	20.45	20.39		
5	256QAM	1	0	18.27	18.30	18.43	19.5	5
5	256QAM	1	12	18.43	18.53	18.46		
5	256QAM	1	24	18.43	18.24	18.48		
5	256QAM	12	0	18.48	18.31	18.45	19.5	5
5	256QAM	12	7	18.49	18.40	18.36		
5	256QAM	12	13	18.36	18.25	18.40		
5	256QAM	25	0	18.44	18.36	18.32		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.28	23.31	23.20	24.5	0
3	QPSK	1	8	23.18	23.21	23.15		
3	QPSK	1	14	23.12	23.28	23.24		
3	QPSK	8	0	22.27	22.48	22.31	23.5	1
3	QPSK	8	4	22.26	22.37	22.34		
3	QPSK	8	7	22.24	22.38	22.26		
3	QPSK	15	0	22.34	22.30	22.23		
3	16QAM	1	0	22.59	22.60	22.68	23.5	1
3	16QAM	1	8	22.54	22.54	22.48		
3	16QAM	1	14	22.56	22.66	22.44		
3	16QAM	8	0	21.26	21.31	21.26	22.5	2
3	16QAM	8	4	21.35	21.33	21.22		
3	16QAM	8	7	21.19	21.30	21.10		
3	16QAM	15	0	21.23	21.14	21.17		
3	64QAM	1	0	21.30	21.45	21.52	22.5	2
3	64QAM	1	8	21.33	21.21	21.42		
3	64QAM	1	14	21.45	21.50	21.36		
3	64QAM	8	0	20.18	20.34	20.55	21.5	3
3	64QAM	8	4	20.27	20.38	20.42		
3	64QAM	8	7	20.40	20.42	20.45		
3	64QAM	15	0	20.14	20.48	20.36		
3	256QAM	1	0	18.23	18.30	18.48	19.5	5
3	256QAM	1	8	18.41	18.48	18.41		
3	256QAM	1	14	18.49	18.27	18.54		
3	256QAM	8	0	18.50	18.39	18.53	19.5	5
3	256QAM	8	4	18.38	18.29	18.24		
3	256QAM	8	7	18.36	18.26	18.51		
3	256QAM	15	0	18.55	18.41	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.22	23.28	23.18	24.5	0
1.4	QPSK	1	3	23.18	23.16	23.15		
1.4	QPSK	1	5	23.01	23.25	23.17		
1.4	QPSK	3	0	23.23	23.23	23.10		
1.4	QPSK	3	1	23.24	23.25	23.11		
1.4	QPSK	3	3	23.14	23.15	23.15		
1.4	QPSK	6	0	22.08	22.39	22.24	23.5	1
1.4	16QAM	1	0	22.22	22.32	22.28	23.5	1
1.4	16QAM	1	3	22.18	22.30	22.18		
1.4	16QAM	1	5	22.20	22.11	22.12		
1.4	16QAM	3	0	22.43	22.36	22.31		
1.4	16QAM	3	1	22.34	22.40	22.41		
1.4	16QAM	3	3	22.48	22.34	22.25		
1.4	16QAM	6	0	21.19	21.26	21.15	22.5	2
1.4	64QAM	1	0	21.27	21.20	21.03	22.5	2
1.4	64QAM	1	3	21.06	21.13	21.04		
1.4	64QAM	1	5	21.15	20.98	21.09		
1.4	64QAM	3	0	21.11	21.28	21.42		
1.4	64QAM	3	1	21.22	21.04	21.35		
1.4	64QAM	3	3	21.41	21.45	21.29		
1.4	64QAM	6	0	20.08	20.23	20.47	21.5	3
1.4	256QAM	1	0	18.33	18.40	18.41	19.5	5
1.4	256QAM	1	3	18.58	18.50	18.40		
1.4	256QAM	1	5	18.44	18.16	18.60		
1.4	256QAM	3	0	18.35	18.32	18.42		
1.4	256QAM	3	1	18.44	18.42	18.33		
1.4	256QAM	3	3	18.32	18.21	18.50		
1.4	256QAM	6	0	18.56	18.47	18.44	19.5	5

LTE Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.91	23.01	22.98	24	0
10	QPSK	1	25	22.80	22.94	22.87		
10	QPSK	1	49	22.90	22.86	22.86		
10	QPSK	25	0	22.92	22.98	22.97	24	0
10	QPSK	25	12	22.78	22.90	22.89		
10	QPSK	25	25	22.92	22.78	22.85		
10	QPSK	50	0	22.91	22.93	22.92		
10	16QAM	1	0	22.86	23.00	22.89	24	0

LTE Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.05	24.10	24.01	25	0
10	QPSK	1	25	23.84	24.05	23.86		
10	QPSK	1	49	23.84	23.92	23.83		
10	QPSK	25	0	23.12	23.18	23.14	24	1
10	QPSK	25	12	22.97	23.01	23.02		
10	QPSK	25	25	23.05	23.06	22.95		
10	QPSK	50	0	22.90	23.13	22.93		
10	16QAM	1	0	23.14	23.31	23.11	24	1
10	16QAM	1	25	23.31	23.27	23.17		
10	16QAM	1	49	23.13	23.21	23.43		
10	16QAM	25	0	21.94	22.03	22.05	23	2
10	16QAM	25	12	22.20	21.98	21.87		
10	16QAM	25	25	22.14	21.99	22.12		
10	16QAM	50	0	22.06	22.15	21.94		
10	64QAM	1	0	22.27	22.24	22.36	23	2
10	64QAM	1	25	22.19	22.06	22.15		
10	64QAM	1	49	22.25	22.30	22.23		
10	64QAM	25	0	21.18	21.06	21.08	22	3
10	64QAM	25	12	21.05	20.88	21.11		
10	64QAM	25	25	20.93	21.14	20.98		
10	64QAM	50	0	20.97	21.18	21.14		
10	256QAM	1	0	19.01	19.13	19.17	20	5
10	256QAM	1	25	19.13	19.11	19.04		
10	256QAM	1	49	19.23	19.14	19.30		
10	256QAM	25	0	19.17	19.09	19.12	20	5
10	256QAM	25	12	18.97	19.01	18.96		
10	256QAM	25	25	18.96	19.26	18.99		
10	256QAM	50	0	18.94	19.22	19.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.98	23.94	23.87	25	0
5	QPSK	1	12	23.72	23.93	23.76		
5	QPSK	1	24	23.79	23.79	23.72		
5	QPSK	12	0	22.95	23.10	22.96	24	1
5	QPSK	12	7	22.77	22.91	22.95		
5	QPSK	12	13	22.85	22.99	22.79		
5	QPSK	25	0	22.77	23.08	22.88		
5	16QAM	1	0	23.02	23.15	23.07	24	1
5	16QAM	1	12	23.26	23.19	23.12		
5	16QAM	1	24	22.97	23.15	23.36		
5	16QAM	12	0	21.79	21.96	21.92	23	2
5	16QAM	12	7	22.03	21.91	21.70		
5	16QAM	12	13	21.97	21.89	21.97		
5	16QAM	25	0	21.87	22.10	21.89		
5	64QAM	1	0	22.11	22.19	22.31	23	2
5	64QAM	1	12	22.12	22.00	22.02		
5	64QAM	1	24	22.15	22.23	22.18		
5	64QAM	12	0	21.05	20.88	20.94	22	3
5	64QAM	12	7	21.00	20.77	21.06		
5	64QAM	12	13	20.85	20.96	20.90		
5	64QAM	25	0	20.93	21.08	20.95		
5	256QAM	1	0	18.94	19.02	19.05	20	5
5	256QAM	1	12	18.94	18.93	19.00		
5	256QAM	1	24	19.14	19.03	19.10		
5	256QAM	12	0	19.03	19.02	18.97	20	5
5	256QAM	12	7	18.80	18.86	18.88		
5	256QAM	12	13	18.87	19.17	18.85		
5	256QAM	25	0	18.74	19.16	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.99	23.90	23.85	25	0
3	QPSK	1	8	23.65	23.94	23.79		
3	QPSK	1	14	23.77	23.72	23.75		
3	QPSK	8	0	23.02	23.04	22.95	24	1
3	QPSK	8	4	22.82	22.93	22.94		
3	QPSK	8	7	22.98	22.98	22.79		
3	QPSK	15	0	22.82	22.94	22.75		
3	16QAM	1	0	23.05	23.23	23.02	24	1
3	16QAM	1	8	23.23	23.22	23.04		
3	16QAM	1	14	23.09	23.11	23.30		
3	16QAM	8	0	21.83	21.90	21.91	23	2
3	16QAM	8	4	22.03	21.80	21.67		
3	16QAM	8	7	22.09	21.94	21.95		
3	16QAM	15	0	21.99	21.99	21.94		
3	64QAM	1	0	22.23	22.18	22.19	23	2
3	64QAM	1	8	22.13	21.99	22.09		
3	64QAM	1	14	22.10	22.18	22.10		
3	64QAM	8	0	21.03	20.94	20.89	22	3
3	64QAM	8	4	20.88	20.83	21.07		
3	64QAM	8	7	20.74	21.07	20.83		
3	64QAM	15	0	20.85	21.13	21.02		
3	256QAM	1	0	18.94	18.96	19.11	20	5
3	256QAM	1	8	18.94	19.05	19.00		
3	256QAM	1	14	19.03	19.03	19.13		
3	256QAM	8	0	18.97	19.04	19.04	20	5
3	256QAM	8	4	18.85	18.96	18.81		
3	256QAM	8	7	18.85	19.20	18.94		
3	256QAM	15	0	18.77	19.07	18.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.00	24.06	23.94	25	0
1.4	QPSK	1	3	23.66	23.97	23.73		
1.4	QPSK	1	5	23.71	23.81	23.67		
1.4	QPSK	3	0	23.87	23.97	23.83		
1.4	QPSK	3	1	23.70	23.89	23.82		
1.4	QPSK	3	3	23.70	23.83	23.75		
1.4	QPSK	6	0	22.91	22.97	22.86	24	1
1.4	16QAM	1	0	22.64	22.78	22.78	24	1
1.4	16QAM	1	3	22.93	22.87	22.63		
1.4	16QAM	1	5	22.75	22.83	22.59		
1.4	16QAM	3	0	22.96	23.18	22.91		
1.4	16QAM	3	1	23.18	23.09	22.94		
1.4	16QAM	3	3	22.97	22.94	23.17		
1.4	16QAM	6	0	21.76	21.84	21.73	23	2
1.4	64QAM	1	0	21.96	21.72	21.59	23	2
1.4	64QAM	1	3	22.02	21.83	21.86		
1.4	64QAM	1	5	21.82	21.91	21.79		
1.4	64QAM	3	0	22.13	22.10	22.00		
1.4	64QAM	3	1	22.02	21.80	21.95		
1.4	64QAM	3	3	21.94	22.12	21.98		
1.4	64QAM	6	0	20.87	20.77	20.72	22	3
1.4	256QAM	1	0	18.90	19.04	18.99	20	5
1.4	256QAM	1	3	19.06	19.03	18.87		
1.4	256QAM	1	5	19.19	19.00	19.14		
1.4	256QAM	3	0	19.03	18.96	19.03		
1.4	256QAM	3	1	18.88	18.97	18.90		
1.4	256QAM	3	3	18.92	19.07	18.83		
1.4	256QAM	6	0	18.76	19.09	18.90	20	5

LTE Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.11		25	0
10	QPSK	1	25		24.02			
10	QPSK	1	49		23.79			
10	QPSK	25	0		23.15		24	1
10	QPSK	25	12		22.99			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.00			
10	16QAM	1	0		23.15		24	1
10	16QAM	1	25		23.21			
10	16QAM	1	49		23.04			
10	16QAM	25	0		22.14		23	2
10	16QAM	25	12		22.11			
10	16QAM	25	25		22.21			
10	16QAM	50	0		22.13			
10	64QAM	1	0		22.24		23	2
10	64QAM	1	25		22.19			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.15		22	3
10	64QAM	25	12		21.11			
10	64QAM	25	25		21.28			
10	64QAM	50	0		21.28			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		18.86			
10	256QAM	1	49		19.15			
10	256QAM	25	0		19.05		20	5
10	256QAM	25	12		19.20			
10	256QAM	25	25		19.00			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.96	23.99	23.93	25	0
5	QPSK	1	12	23.94	23.91	23.86		
5	QPSK	1	24	23.67	23.67	23.65		
5	QPSK	12	0	23.01	23.05	23.00	24	1
5	QPSK	12	7	22.88	22.82	22.83		
5	QPSK	12	13	22.83	22.87	22.83		
5	QPSK	25	0	22.87	22.90	22.83		
5	16QAM	1	0	23.03	23.01	23.02	24	1
5	16QAM	1	12	23.07	23.05	23.01		
5	16QAM	1	24	22.94	22.97	22.88		
5	16QAM	12	0	21.96	22.02	22.09	23	2
5	16QAM	12	7	21.91	21.94	21.93		
5	16QAM	12	13	22.02	22.06	22.09		
5	16QAM	25	0	22.00	22.01	21.98		
5	64QAM	1	0	22.05	22.10	22.05	23	2
5	64QAM	1	12	22.00	22.06	22.04		
5	64QAM	1	24	21.99	21.99	22.04		
5	64QAM	12	0	21.04	21.01	21.05	22	3
5	64QAM	12	7	20.92	20.98	21.01		
5	64QAM	12	13	21.09	21.16	21.11		
5	64QAM	25	0	21.11	21.22	21.16		
5	256QAM	1	0	18.91	18.91	18.93	20	5
5	256QAM	1	12	18.71	18.67	18.73		
5	256QAM	1	24	19.10	19.03	19.03		
5	256QAM	12	0	18.88	18.90	18.87	20	5
5	256QAM	12	7	19.06	19.12	19.00		
5	256QAM	12	13	18.88	18.82	18.88		
5	256QAM	25	0	19.04	19.02	19.02		

LTE Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		24.15		25	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.02			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.16			
10	16QAM	1	49		23.31			
10	16QAM	25	0		22.09		23	2
10	16QAM	25	12		22.15			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.19			
10	64QAM	1	0		22.13		23	2
10	64QAM	1	25		22.14			
10	64QAM	1	49		22.07			
10	64QAM	25	0		21.09		22	3
10	64QAM	25	12		21.25			
10	64QAM	25	25		21.22			
10	64QAM	50	0		21.02			
10	256QAM	1	0		19.25		20	5
10	256QAM	1	25		19.18			
10	256QAM	1	49		19.35			
10	256QAM	25	0		19.13		20	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		19.25			
10	256QAM	50	0		18.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.00	24.04	23.97	25	0
5	QPSK	1	12	24.05	23.92	23.91		
5	QPSK	1	24	23.87	23.83	23.83		
5	QPSK	12	0	23.06	22.99	22.94	24	1
5	QPSK	12	7	22.92	22.95	22.85		
5	QPSK	12	13	22.91	22.85	22.99		
5	QPSK	25	0	22.92	22.97	22.85		
5	16QAM	1	0	23.13	23.06	23.11	24	1
5	16QAM	1	12	22.97	23.10	23.04		
5	16QAM	1	24	23.11	23.13	23.24		
5	16QAM	12	0	21.93	22.04	21.97	23	2
5	16QAM	12	7	21.98	21.97	22.04		
5	16QAM	12	13	22.17	22.05	22.16		
5	16QAM	25	0	22.14	22.01	22.08		
5	64QAM	1	0	22.01	21.94	22.09	23	2
5	64QAM	1	12	22.00	22.05	22.01		
5	64QAM	1	24	21.95	21.96	21.90		
5	64QAM	12	0	21.04	21.01	20.89	22	3
5	64QAM	12	7	21.16	21.14	21.13		
5	64QAM	12	13	21.14	21.10	21.11		
5	64QAM	25	0	20.97	20.83	20.85		
5	256QAM	1	0	19.14	19.13	19.06	20	5
5	256QAM	1	12	19.02	19.08	19.05		
5	256QAM	1	24	19.21	19.30	19.20		
5	256QAM	12	0	19.03	19.07	18.94	20	5
5	256QAM	12	7	18.92	18.86	18.89		
5	256QAM	12	13	19.12	19.18	19.17		
5	256QAM	25	0	18.88	18.82	18.89		

LTE Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.39	23.48	23.28	24.5	0
20	QPSK	1	49	23.25	23.45	23.26		
20	QPSK	1	99	23.35	23.43	23.44		
20	QPSK	50	0	22.49	22.57	22.54	23.5	1
20	QPSK	50	24	22.35	22.53	22.46		
20	QPSK	50	50	22.47	22.45	22.44		
20	QPSK	100	0	22.38	22.55	22.40		
20	16QAM	1	0	22.43	22.58	22.30	23.5	1
20	16QAM	1	49	22.69	22.72	22.49		
20	16QAM	1	99	22.71	22.48	22.64		
20	16QAM	50	0	21.70	21.56	21.72	22.5	2
20	16QAM	50	24	21.56	21.68	21.56		
20	16QAM	50	50	21.46	21.58	21.42		
20	16QAM	100	0	21.48	21.70	21.68		
20	64QAM	1	0	21.63	21.62	21.70	22.5	2
20	64QAM	1	49	21.67	21.68	21.70		
20	64QAM	1	99	21.50	21.72	21.52		
20	64QAM	50	0	20.75	20.57	20.59	21.5	3
20	64QAM	50	24	20.73	20.40	20.58		
20	64QAM	50	50	20.75	20.59	20.55		
20	64QAM	100	0	20.45	20.63	20.60		
20	256QAM	1	0	18.52	18.69	18.74	19.5	5
20	256QAM	1	49	18.84	18.70	18.83		
20	256QAM	1	99	18.62	18.57	18.85		
20	256QAM	50	0	18.60	18.58	18.45	19.5	5
20	256QAM	50	24	18.54	18.68	18.51		
20	256QAM	50	50	18.56	18.62	18.36		
20	256QAM	100	0	18.44	18.47	18.58		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.30	23.38	23.18	24.5	0
15	QPSK	1	37	23.18	23.34	23.09		
15	QPSK	1	74	23.30	23.37	23.27		
15	QPSK	36	0	22.44	22.48	22.28	23.5	1
15	QPSK	36	20	22.27	22.48	22.34		
15	QPSK	36	39	22.37	22.40	22.36		
15	QPSK	75	0	22.32	22.36	22.17		
15	16QAM	1	0	22.36	22.47	22.21	23.5	1
15	16QAM	1	37	22.65	22.67	22.34		
15	16QAM	1	74	22.57	22.38	22.45		
15	16QAM	36	0	21.61	21.37	21.62	22.5	2
15	16QAM	36	20	21.46	21.57	21.39		
15	16QAM	36	39	21.27	21.41	21.36		
15	16QAM	75	0	21.34	21.63	21.55		
15	64QAM	1	0	21.54	21.57	21.64	22.5	2
15	64QAM	1	37	21.55	21.61	21.65		
15	64QAM	1	74	21.32	21.59	21.43		
15	64QAM	36	0	20.71	20.38	20.52	21.5	3
15	64QAM	36	20	20.66	20.24	20.42		
15	64QAM	36	39	20.60	20.49	20.42		
15	64QAM	75	0	20.35	20.48	20.53		
15	256QAM	1	0	18.38	18.51	18.66	19.5	5
15	256QAM	1	37	18.66	18.53	18.64		
15	256QAM	1	74	18.51	18.43	18.76		
15	256QAM	36	0	18.51	18.39	18.32	19.5	5
15	256QAM	36	20	18.35	18.59	18.35		
15	256QAM	36	39	18.52	18.47	18.22		
15	256QAM	75	0	18.36	18.34	18.49		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.24	23.37	23.22	24.5	0
10	QPSK	1	25	23.11	23.32	23.14		
10	QPSK	1	49	23.30	23.34	23.33		
10	QPSK	25	0	22.31	22.46	22.37	23.5	1
10	QPSK	25	12	22.21	22.45	22.27		
10	QPSK	25	25	22.29	22.29	22.32		
10	QPSK	50	0	22.32	22.51	22.21		
10	16QAM	1	0	22.29	22.41	22.16	23.5	1
10	16QAM	1	25	22.50	22.55	22.30		
10	16QAM	1	49	22.62	22.41	22.51		
10	16QAM	25	0	21.60	21.39	21.54	22.5	2
10	16QAM	25	12	21.37	21.56	21.49		
10	16QAM	25	25	21.28	21.38	21.25		
10	16QAM	50	0	21.39	21.54	21.56		
10	64QAM	1	0	21.44	21.43	21.52	22.5	2
10	64QAM	1	25	21.48	21.60	21.51		
10	64QAM	1	49	21.36	21.62	21.40		
10	64QAM	25	0	20.64	20.51	20.49	21.5	3
10	64QAM	25	12	20.64	20.36	20.52		
10	64QAM	25	25	20.63	20.49	20.45		
10	64QAM	50	0	20.36	20.49	20.51		
10	256QAM	1	0	18.47	18.55	18.60	19.5	5
10	256QAM	1	25	18.77	18.65	18.74		
10	256QAM	1	49	18.48	18.50	18.78		
10	256QAM	25	0	18.53	18.35	18.29	19.5	5
10	256QAM	25	12	18.45	18.58	18.44		
10	256QAM	25	25	18.39	18.51	18.16		
10	256QAM	50	0	18.33	18.34	18.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.30	23.36	23.10	24.5	0
5	QPSK	1	12	23.19	23.31	23.09		
5	QPSK	1	24	23.26	23.32	23.31		
5	QPSK	12	0	22.42	22.41	22.44	23.5	1
5	QPSK	12	7	22.30	22.40	22.29		
5	QPSK	12	13	22.31	22.34	22.32		
5	QPSK	25	0	22.18	22.36	22.18		
5	16QAM	1	0	22.37	22.48	22.25	23.5	1
5	16QAM	1	12	22.55	22.63	22.45		
5	16QAM	1	24	22.57	22.41	22.53		
5	16QAM	12	0	21.65	21.51	21.58	22.5	2
5	16QAM	12	7	21.49	21.63	21.48		
5	16QAM	12	13	21.31	21.47	21.33		
5	16QAM	25	0	21.31	21.53	21.60		
5	64QAM	1	0	21.54	21.53	21.53	22.5	2
5	64QAM	1	12	21.58	21.49	21.52		
5	64QAM	1	24	21.32	21.58	21.35		
5	64QAM	12	0	20.62	20.39	20.42	21.5	3
5	64QAM	12	7	20.65	20.21	20.44		
5	64QAM	12	13	20.55	20.53	20.48		
5	64QAM	25	0	20.33	20.55	20.51		
5	256QAM	1	0	18.47	18.56	18.66	19.5	5
5	256QAM	1	12	18.69	18.50	18.66		
5	256QAM	1	24	18.55	18.49	18.80		
5	256QAM	12	0	18.55	18.40	18.35	19.5	5
5	256QAM	12	7	18.48	18.51	18.41		
5	256QAM	12	13	18.39	18.49	18.24		
5	256QAM	25	0	18.31	18.32	18.41		
Channel				26025	26340	26655	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.27	23.29	23.10	24.5	0
3	QPSK	1	8	23.06	23.33	23.15		
3	QPSK	1	14	23.21	23.29	23.26		
3	QPSK	8	0	22.40	22.48	22.36	23.5	1
3	QPSK	8	4	22.26	22.48	22.37		
3	QPSK	8	7	22.40	22.38	22.38		
3	QPSK	15	0	22.24	22.42	22.13		
3	16QAM	1	0	22.31	22.52	22.17	23.5	1
3	16QAM	1	8	22.51	22.54	22.42		
3	16QAM	1	14	22.58	22.34	22.48		
3	16QAM	8	0	21.51	21.41	21.54	22.5	2
3	16QAM	8	4	21.48	21.56	21.43		
3	16QAM	8	7	21.38	21.53	21.24		
3	16QAM	15	0	21.36	21.51	21.55		
3	64QAM	1	0	21.51	21.54	21.51	22.5	2
3	64QAM	1	8	21.47	21.49	21.57		
3	64QAM	1	14	21.40	21.53	21.38		
3	64QAM	8	0	20.58	20.47	20.52	21.5	3
3	64QAM	8	4	20.58	20.30	20.43		
3	64QAM	8	7	20.69	20.53	20.44		
3	64QAM	15	0	20.39	20.51	20.53		
3	256QAM	1	0	18.46	18.56	18.58	19.5	5
3	256QAM	1	8	18.77	18.59	18.73		
3	256QAM	1	14	18.50	18.38	18.77		
3	256QAM	8	0	18.54	18.40	18.29	19.5

LTE Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.00	23.07	23.02	24	0
15	QPSK	1	37	22.93	23.01	22.95		
15	QPSK	1	74	22.94	22.97	22.92		
15	QPSK	36	0	22.80	23.05	22.78	24	0
15	QPSK	36	20	22.74	22.95	22.95		
15	QPSK	36	39	22.84	22.95	22.79		
15	QPSK	75	0	22.79	23.02	22.88		
15	16QAM	1	0	22.79	23.00	22.85	24	0
15	16QAM	1	37	22.71	22.88	22.85		
15	16QAM	1	74	22.68	22.82	22.72		
15	16QAM	36	0	21.87	21.93	21.93	23	1
15	16QAM	36	20	21.71	21.95	21.79		
15	16QAM	36	39	21.92	21.82	21.82		
15	16QAM	75	0	21.76	21.98	21.86		
15	64QAM	1	0	21.77	21.96	21.91	23	1
15	64QAM	1	37	21.85	21.81	21.76		
15	64QAM	1	74	21.81	21.80	21.84		
15	64QAM	36	0	20.84	21.01	20.96	22	2
15	64QAM	36	20	20.76	20.88	20.83		
15	64QAM	36	39	20.85	20.74	20.81		
15	64QAM	75	0	20.88	20.96	20.90		
15	256QAM	1	0	18.87	19.00	18.93	20	4
15	256QAM	1	37	18.78	18.97	18.86		
15	256QAM	1	74	18.87	18.69	18.86		
15	256QAM	36	0	18.76	19.00	18.82	20	4
15	256QAM	36	20	18.70	18.87	18.83		
15	256QAM	36	39	18.85	18.87	18.71		
15	256QAM	75	0	18.85	18.91	18.99		
Channel				26940	26915	26890	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.04	22.91	22.94	24	0
10	QPSK	1	25	22.95	22.79	22.90		
10	QPSK	1	49	22.86	22.74	22.89		
10	QPSK	25	0	22.85	22.85	22.87	24	0
10	QPSK	25	12	22.68	22.74	22.89		
10	QPSK	25	25	22.82	22.63	22.83		
10	QPSK	50	0	22.91	22.84	22.81		
10	16QAM	1	0	22.77	22.90	22.76	24	0
10	16QAM	1	25	22.64	22.78	22.74		
10	16QAM	1	49	22.61	22.71	22.84		
10	16QAM	25	0	21.84	21.92	21.92	23	1
10	16QAM	25	12	21.60	21.92	21.77		
10	16QAM	25	25	21.85	21.82	21.78		
10	16QAM	50	0	21.74	21.87	21.85		
10	64QAM	1	0	21.66	21.88	21.83	23	1
10	64QAM	1	25	21.76	21.75	21.73		
10	64QAM	1	49	21.79	21.73	21.79		
10	64QAM	25	0	20.82	20.96	20.85	22	2
10	64QAM	25	12	20.72	20.81	20.73		
10	64QAM	25	25	20.74	20.63	20.70		
10	64QAM	50	0	20.85	20.85	20.89		
10	256QAM	1	0	18.85	19.00	18.94	20	4
10	256QAM	1	25	18.78	18.86	18.86		
10	256QAM	1	49	18.77	18.63	18.79		
10	256QAM	25	0	18.72	18.89	18.89	20	4
10	256QAM	25	12	18.61	18.78	18.76		
10	256QAM	25	25	18.79	18.78	18.88		
10	256QAM	50	0	18.80	18.91	18.99		
Channel				26815	26915	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	836.5	856.5		
5	QPSK	1	0	22.97	22.89	22.91	24	0
5	QPSK	1	12	22.99	22.83	22.91		
5	QPSK	1	24	22.87	22.75	22.91		
5	QPSK	12	0	22.89	22.76	22.83	24	0
5	QPSK	12	7	22.75	22.84	22.78		
5	QPSK	12	13	22.74	22.74	22.85		
5	QPSK	25	0	22.87	22.79	22.83		
5	16QAM	1	0	22.75	22.95	22.82	24	0
5	16QAM	1	12	22.71	22.79	22.81		
5	16QAM	1	24	22.67	22.73	22.70		
5	16QAM	12	0	21.84	21.88	21.91	23	1
5	16QAM	12	7	21.70	21.87	21.74		
5	16QAM	12	13	21.87	21.77	21.71		
5	16QAM	25	0	21.66	21.96	21.84		
5	64QAM	1	0	21.67	21.86	21.86	23	1
5	64QAM	1	12	21.76	21.77	21.71		
5	64QAM	1	24	21.75	21.71	21.81		
5	64QAM	12	0	20.82	20.90	20.88	22	2
5	64QAM	12	7	20.66	20.85	20.75		
5	64QAM	12	13	20.74	20.62	20.74		
5	64QAM	25	0	20.84	20.91	20.78		
5	256QAM	1	0	18.77	18.88	18.86	20	4
5	256QAM	1	12	18.70	18.92	18.87		
5	256QAM	1	24	18.76	18.68	18.75		
5	256QAM	12	0	18.65	18.96	18.82	20	4
5	256QAM	12	7	18.60	18.78	18.73		
5	256QAM	12	13	18.65	18.76	18.70		
5	256QAM	25	0	18.78	18.81	18.94		
Channel				26805	26915	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.05	22.87	22.93	24	0
3	QPSK	1	8	22.99	22.86	22.93		
3	QPSK	1	14	22.94	22.79	22.91		
3	QPSK	8	0	22.86	22.85	22.84	24	0
3	QPSK	8	4	22.73	22.76	22.76		
3	QPSK	8	7	22.71	22.83	22.67		
3	QPSK	15	0	22.91	22.88	22.79		
3	16QAM	1	0	22.69	22.99	22.75	24	0
3	16QAM	1	8	22.65	22.81	22.79		
3	16QAM	1	14	22.66	22.70	22.71		
3	16QAM	8	0	21.76	21.91	21.87	23	1
3	16QAM	8	4	21.68	21.88	21.67		
3	16QAM	8	7	21.88	21.73	21.77		
3	16QAM	15	0	21.64	21.94	21.82		
3	64QAM	1	0	21.71	21.87	21.84	23	1
3	64QAM	1	8	21.75	21.78	21.69		
3	64QAM	1	14	21.72	21.73	21.74		
3	64QAM	8	0	20.83	20.95	20.93	22	2
3	64QAM	8	4	20.76	20.86	20.77		
3	64QAM	8	7	20.80	20.71	20.79		
3	64QAM	15	0	20.85	20.90	20.82		
3	256QAM	1	0	18.84	18.97	18.83	20	4
3	256QAM	1	8	18.69	18.90	18.86		
3	256QAM	1	14	18.76	18.82	18.84		
3	256QAM	8	0	18.75	18.95	18.91	20	4
3	256QAM	8	4	18.59	18.78	18.77		
3	256QAM	8	7	18.84	18.76	18.66		
3	256QAM	15	0	18.82	18.86	18.91		
Channel				26707	26915	27123	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.76	22.89	22.87	24	0
1.4	QPSK	1	3	22.69	22.82	22.72		
1.4	QPSK	1	5	22.65	22.81	22.78		
1.4	QPSK	3	0	22.81	22.84	22.87		
1.4	QPSK	3	1	22.66	22.73	22.72		
1.4	QPSK	3	3	22.72	22.73	22.76		
1.4	QPSK	6	0	22.86	22.76	22.82	24	0
1.4	16QAM	1	0	22.74	22.92	22.84	24	0
1.4	16QAM	1	3	22.62	22.77	22.72		
1.4	16QAM	1	5	22.71	22.70	22.86		
1.4	16QAM	3	0	21.77	21.96	21.79		
1.4	16QAM	3	1	21.58	21.85	21.81		
1.4	16QAM	3	3	21.82	21.69	21.81		
1.4	16QAM	6	0	21.62	21.78	21.75	23	1
1.4	64QAM	1	0	21.60	21.68	21.79	23	1
1.4	64QAM	1	3	21.71	21.69	21.70		
1.4	64QAM	1	5	21.70	21.94	21.75		
1.4	64QAM	3	0	21.70	21.90	21.77		
1.4	64QAM	3	1	21.67	21.66	21.71		
1.4	64QAM	3	3	21.75	21.66	21.75		
1.4	64QAM	6	0	20.74	20.83	20.88	22	2
1.4	256QAM	1	0	18.62	18.76	18.84	20	4
1.4	256QAM	1	3	18.57	18.85	18.72		
1.4	256QAM	1	5	18.71	18.58	18.78		
1.4	256QAM	3	0	18.74	18.72	18.86		
1.4	256QAM	3	1	18.69	18.78	18.69		
1.4	256QAM	3	3	18.82	18.65	18.69		
1.4	256QAM	6	0	18.74	18.86	18.86	20	4

LTE Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.30	23.35	23.21	24.5	0
20	QPSK	1	49	23.02	23.19	23.03		
20	QPSK	1	99	23.26	23.29	23.22		
20	QPSK	50	0	22.34	22.38	22.11	23.5	1
20	QPSK	50	24	22.19	22.37	22.19		
20	QPSK	50	50	22.18	22.30	22.10		
20	QPSK	100	0	22.44	22.36	22.25		
20	16QAM	1	0	22.53	22.45	22.25	23.5	1
20	16QAM	1	49	22.51	22.60	22.54		
20	16QAM	1	99	22.48	22.34	22.63		
20	16QAM	50	0	21.40	21.33	21.15	22.5	2
20	16QAM	50	24	21.33	21.30	21.18		
20	16QAM	50	50	21.18	21.34	21.42		
20	16QAM	100	0	21.27	21.16	21.20		
20	64QAM	1	0	21.30	21.31	21.46	22.5	2
20	64QAM	1	49	21.35	21.43	21.14		
20	64QAM	1	99	21.38	21.42	21.19		
20	64QAM	50	0	20.31	20.33	20.20	21.5	3
20	64QAM	50	24	20.45	20.44	20.39		
20	64QAM	50	50	20.48	20.25	20.51		
20	64QAM	100	0	20.48	20.17	20.32		
20	256QAM	1	0	18.51	18.50	18.50	19.5	5
20	256QAM	1	49	18.49	18.67	18.55		
20	256QAM	1	99	18.53	18.48	18.44		
20	256QAM	50	0	18.28	18.34	18.31	19.5	5
20	256QAM	50	24	18.41	18.32	18.38		
20	256QAM	50	50	18.55	18.49	18.34		
20	256QAM	100	0	18.50	18.33	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.20	23.19	23.13	24.5	0
15	QPSK	1	37	22.97	23.05	22.88		
15	QPSK	1	74	23.16	23.21	23.08		
15	QPSK	36	0	22.23	22.29	22.00	23.5	1
15	QPSK	36	20	22.08	22.28	22.12		
15	QPSK	36	39	22.01	22.18	22.06		
15	QPSK	75	0	22.34	22.17	22.17		
15	16QAM	1	0	22.35	22.32	22.21	23.5	1
15	16QAM	1	37	22.32	22.49	22.49		
15	16QAM	1	74	22.39	22.26	22.58		
15	16QAM	36	0	21.30	21.14	21.09	22.5	2
15	16QAM	36	20	21.16	21.24	21.05		
15	16QAM	36	39	21.05	21.16	21.31		
15	16QAM	75	0	21.19	21.03	21.15		
15	64QAM	1	0	21.11	21.18	21.28	22.5	2
15	64QAM	1	37	21.18	21.32	21.09		
15	64QAM	1	74	21.30	21.27	21.12		
15	64QAM	36	0	20.19	20.26	20.07	21.5	3
15	64QAM	36	20	20.26	20.27	20.23		
15	64QAM	36	39	20.35	20.17	20.44		
15	64QAM	75	0	20.34	19.99	20.23		
15	256QAM	1	0	18.33	18.33	18.39	19.5	5
15	256QAM	1	37	18.43	18.59	18.44		
15	256QAM	1	74	18.42	18.38	18.28		
15	256QAM	36	0	18.12	18.31	18.16	19.5	5
15	256QAM	36	20	18.34	18.27	18.23		
15	256QAM	36	39	18.47	18.33	18.22		
15	256QAM	75	0	18.30	18.28	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1716	1745	1774		
10	QPSK	1	0	23.10	23.31	23.06	24.5	0
10	QPSK	1	25	22.91	23.00	22.98		
10	QPSK	1	49	23.11	23.17	23.09		
10	QPSK	25	0	22.22	22.25	22.02	23.5	1
10	QPSK	25	12	22.11	22.29	22.09		
10	QPSK	25	25	22.09	22.21	22.01		
10	QPSK	50	0	22.27	22.20	22.16		
10	16QAM	1	0	22.47	22.37	22.07	23.5	1
10	16QAM	1	25	22.44	22.49	22.35		
10	16QAM	1	49	22.36	22.23	22.49		
10	16QAM	25	0	21.20	21.20	21.10	22.5	2
10	16QAM	25	12	21.27	21.19	21.11		
10	16QAM	25	25	21.03	21.21	21.30		
10	16QAM	50	0	21.17	21.03	21.01		
10	64QAM	1	0	21.25	21.21	21.41	22.5	2
10	64QAM	1	25	21.30	21.29	21.03		
10	64QAM	1	49	21.20	21.23	21.06		
10	64QAM	25	0	20.20	20.13	20.13	21.5	3
10	64QAM	25	12	20.39	20.35	20.33		
10	64QAM	25	25	20.28	20.13	20.44		
10	64QAM	50	0	20.35	20.11	20.22		
10	256QAM	1	0	18.46	18.37	18.43	19.5	5
10	256QAM	25	0	18.30	18.55	18.49		
10	256QAM	1	49	18.35	18.36	18.30		
10	256QAM	25	0	18.08	18.36	18.25	19.5	5
10	256QAM	25	12	18.22	18.23	18.26		
10	256QAM	25	25	18.39	18.44	18.22		
10	256QAM	50	0	18.35	18.23	18.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.21	23.23	23.07	24.5	0
5	QPSK	1	12	22.85	23.14	22.93		
5	QPSK	1	24	23.08	23.17	23.05		
5	QPSK	12	0	22.27	22.33	21.93	23.5	1
5	QPSK	12	7	22.02	22.29	22.09		
5	QPSK	12	13	22.06	22.21	21.93		
5	QPSK	25	0	22.34	22.17	22.18		
5	16QAM	1	0	22.47	22.25	22.19	23.5	1
5	16QAM	1	12	22.35	22.47	22.44		
5	16QAM	1	24	22.41	22.21	22.59		
5	16QAM	12	0	21.26	21.13	21.06	22.5	2
5	16QAM	12	7	21.24	21.18	21.09		
5	16QAM	12	13	21.01	21.18	21.29		
5	16QAM	25	0	21.16	21.06	21.00		
5	64QAM	1	0	21.13	21.14	21.37	22.5	2
5	64QAM	1	12	21.19	21.36	20.97		
5	64QAM	1	24	21.33	21.29	20.99		
5	64QAM	12	0	20.23	20.16	20.13	21.5	3
5	64QAM	12	7	20.39	20.30	20.24		
5	64QAM	12	13	20.42	20.10	20.32		
5	64QAM	25	0	20.40	19.98	20.22		
5	256QAM	1	0	18.40	18.34	18.44	19.5	5
5	256QAM	1	12	18.42	18.63	18.49		
5	256QAM	1	24	18.43	18.41	18.31		
5	256QAM	12	0	18.12	18.28	18.24	19.5	5
5	256QAM	12	7	18.38	18.16	18.30		
5	256QAM	12	13	18.51	18.36	18.18		
5	256QAM	25	0	18.39	18.17	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.12	23.30	23.03	24.5	0
3	QPSK	1	8	22.93	23.03	22.85		
3	QPSK	1	14	23.14	23.23	23.08		
3	QPSK	8	0	22.29	22.22	22.05	23.5	1
3	QPSK	8	4	22.02	22.19	21.99		
3	QPSK	8	7	22.06	22.24	22.02		
3	QPSK	15	0	22.32	22.16	22.20		
3	16QAM	1	0	22.39	22.32	22.17	23.5	1
3	16QAM	1	8	22.36	22.44	22.37		
3	16QAM	1	14	22.30	22.22	22.55		
3	16QAM	8	0	21.34	21.29	21.09	22.5	2
3	16QAM	8	4	21.16	21.19	21.12		
3	16QAM	8	7	21.09	21.28	21.25		
3	16QAM	15	0	21.07	21.03	21.15		
3	64QAM	1	0	21.23	21.20	21.37	22.5	2
3	64QAM	1	8	21.19	21.36	21.10		
3	64QAM	1	14	21.21	21.36	21.05		
3	64QAM	8	0	20.24	20.26	20.13	21.5	3
3	64QAM	8	4	20.31	20.40	20.28		
3	64QAM	8	7	20.37	20.15	20.43		
3	64QAM	15	0	20.30	20.10	20.15		
3	256QAM	1	0	18.37	18.34	18.38	19.5	5
3	256QAM	1	8	18.38	18.50	18.41		
3	256QAM	1	14	18.48	18.35	18.39		
3	256QAM	8	0	18.15	18.25	18.19	19.5	5
3	256QAM	8	4	18.37	18.13	18.30		
3	256QAM	8	7	18.50	18.42	18.21		
3	256QAM	15	0	18.40	18.17	18.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.22	23.16	23.02	24.5	0
1.4	QPSK	1	3	22.83	23.09	22.84		
1.4	QPSK	1	5	23.18	23.10	23.15		
1.4	QPSK	3	0	23.18	23.29	23.16		
1.4	QPSK	3	1	22.84	23.13	22.92		
1.4	QPSK	3	3	23.16	23.20	23.10		
1.4	QPSK	6	0	22.19	22.12	21.96	23.5	1
1.4	16QAM	1	0	21.92	22.14	21.79	23.5	1
1.4	16QAM	1	3	21.93	22.04	21.89		
1.4	16QAM	1	5	22.25	22.10	22.09		
1.4	16QAM	3	0	22.22	22.19	22.07		
1.4	16QAM	3	1	22.21	22.26	22.18		
1.4	16QAM	3	3	22.17	22.12	22.45		
1.4	16QAM	6	0	21.28	21.17	20.99	22.5	2
1.4	64QAM	1	0	21.06	21.11	21.00	22.5	2
1.4	64QAM	1	3	21.00	21.23	21.21		
1.4	64QAM	1	5	20.96	20.88	21.02		
1.4	64QAM	3	0	21.09	21.05	21.23		
1.4	64QAM	3	1	21.02	21.25	20.97		
1.4	64QAM	3	3	21.05	21.23	20.90		
1.4	64QAM	6	0	20.10	20.20	19.93	21.5	3
1.4	256QAM	1	0	18.35	18.36	18.31	19.5	5
1.4	256QAM	1	3	18.38	18.50	18.50		
1.4	256QAM	1	5	18.34	18.43	18.39		
1.4	256QAM	3	0	18.11	18.35	18.20		
1.4	256QAM	3	1	18.37	18.25	18.27		
1.4	256QAM	3	3	18.42	18.36	18.21		
1.4	256QAM	6	0	18.46	18.29	18.31	19.5	5

LTE Band 71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.65	23.71	23.65	25	0
20	QPSK	1	49	23.70	23.65	23.62		
20	QPSK	1	99	23.56	23.59	23.35		
20	QPSK	50	0	22.65	22.81	22.70	24	1
20	QPSK	50	24	22.66	22.79	22.60		
20	QPSK	50	50	22.49	22.75	22.56		
20	QPSK	100	0	22.66	22.79	22.68		
20	16QAM	1	0	22.82	23.04	23.10	24	1
20	16QAM	1	49	23.17	23.06	23.13		
20	16QAM	1	99	23.02	23.05	23.15		
20	16QAM	50	0	21.89	21.82	21.67	23	2
20	16QAM	50	24	21.72	21.70	21.91		
20	16QAM	50	50	21.80	21.93	21.66		
20	16QAM	100	0	21.93	21.67	21.72		
20	64QAM	1	0	22.26	22.11	22.25	23	2
20	64QAM	1	49	22.02	21.98	21.96		
20	64QAM	1	99	21.99	22.19	22.18		
20	64QAM	50	0	20.93	20.76	20.78	22	3
20	64QAM	50	24	20.80	20.85	20.71		
20	64QAM	50	50	20.93	20.72	20.59		
20	64QAM	100	0	20.59	20.93	20.83		
20	256QAM	1	0	18.84	18.97	18.90	20	5
20	256QAM	1	49	18.87	18.86	19.00		
20	256QAM	1	99	18.80	18.90	18.84		
20	256QAM	50	0	18.81	18.81	18.74	20	5
20	256QAM	50	24	18.80	18.89	18.98		
20	256QAM	50	50	18.99	18.82	18.87		
20	256QAM	100	0	18.84	18.66	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.50	23.83	23.48	25	0
15	QPSK	1	37	23.66	23.59	23.44		
15	QPSK	1	74	23.46	23.49	23.26		
15	QPSK	36	0	22.45	22.65	22.57	24	1
15	QPSK	36	20	22.49	22.85	22.42		
15	QPSK	36	39	22.37	22.68	22.43		
15	QPSK	75	0	22.55	22.65	22.51		
15	16QAM	1	0	22.66	22.99	22.94	24	1
15	16QAM	1	37	23.08	22.99	23.02		
15	16QAM	1	74	22.87	22.88	23.03		
15	16QAM	36	0	21.73	21.89	21.48	23	2
15	16QAM

LTE Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.10	22.21	22.17	23.5	0
20	QPSK	1	49	22.05	22.14	21.94		
20	QPSK	1	99	22.12	22.19	22.14		
20	QPSK	50	0	21.36	21.53	21.49	22.5	1
20	QPSK	50	24	21.43	21.45	21.18		
20	QPSK	50	50	21.35	21.48	21.47		
20	QPSK	100	0	21.33	21.47	21.27		
20	16QAM	1	0	21.48	21.68	21.52	22.5	1
20	16QAM	1	49	21.63	21.83	21.71		
20	16QAM	1	99	21.72	21.83	21.76		
20	16QAM	50	0	20.56	20.53	20.44	21.5	2
20	16QAM	50	24	20.49	20.66	20.36		
20	16QAM	50	50	20.68	20.67	20.62		
20	16QAM	100	0	20.53	20.53	20.37		
20	64QAM	1	0	20.83	20.68	20.71	21.5	2
20	64QAM	1	49	20.58	20.61	20.82		
20	64QAM	1	99	20.53	20.51	20.85		
20	64QAM	50	0	19.51	19.56	19.55	20.5	3
20	64QAM	50	24	19.56	19.73	19.58		
20	64QAM	50	50	19.64	19.41	19.70		
20	64QAM	100	0	19.45	19.49	19.56		
20	256QAM	1	0	17.62	17.67	17.76	18.5	5
20	256QAM	1	49	17.75	17.54	17.73		
20	256QAM	1	99	17.57	17.56	17.74		
20	256QAM	50	0	17.66	17.51	17.53	18.5	5
20	256QAM	50	24	17.43	17.44	17.45		
20	256QAM	50	50	17.46	17.58	17.59		
20	256QAM	100	0	17.39	17.65	17.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.02	22.11	22.12	23.5	0
15	QPSK	1	37	21.93	21.96	21.78		
15	QPSK	1	74	22.01	22.12	22.01		
15	QPSK	36	0	21.24	21.41	21.37	22.5	1
15	QPSK	36	20	21.29	21.31	21.04		
15	QPSK	36	39	21.25	21.39	21.31		
15	QPSK	75	0	21.17	21.40	21.17		
15	16QAM	1	0	21.44	21.60	21.33	22.5	1
15	16QAM	1	37	21.58	21.66	21.64		
15	16QAM	1	74	21.52	21.67	21.60		
15	16QAM	36	0	20.37	20.40	20.25	21.5	2
15	16QAM	36	20	20.39	20.54	20.29		
15	16QAM	36	39	20.54	20.62	20.54		
15	16QAM	75	0	20.45	20.35	20.17		
15	64QAM	1	0	20.73	20.53	20.58	21.5	2
15	64QAM	1	37	20.42	20.53	20.66		
15	64QAM	1	74	20.37	20.36	20.74		
15	64QAM	36	0	19.42	19.40	19.42	20.5	3
15	64QAM	36	20	19.41	19.61	19.40		
15	64QAM	36	39	19.60	19.23	19.54		
15	64QAM	75	0	19.28	19.38	19.40		
15	256QAM	1	0	17.45	17.51	17.72	18.5	5
15	256QAM	1	37	17.70	17.49	17.59		
15	256QAM	1	74	17.48	17.43	17.63		
15	256QAM	36	0	17.49	17.34	17.39	18.5	5
15	256QAM	36	20	17.30	17.34	17.27		
15	256QAM	36	39	17.34	17.44	17.49		
15	256QAM	75	0	17.28	17.57	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.92	22.13	22.05	23.5	0
10	QPSK	1	25	21.95	22.01	21.85		
10	QPSK	1	49	21.96	22.12	22.01		
10	QPSK	25	0	21.31	21.43	21.32	22.5	1
10	QPSK	25	12	21.23	21.29	21.13		
10	QPSK	25	25	21.23	21.38	21.40		
10	QPSK	50	0	21.25	21.27	21.16		
10	16QAM	1	0	21.41	21.57	21.45	22.5	1
10	16QAM	1	25	21.43	21.78	21.64		
10	16QAM	1	49	21.60	21.72	21.56		
10	16QAM	25	0	20.49	20.34	20.28	21.5	2
10	16QAM	25	12	20.38	20.55	20.29		
10	16QAM	25	25	20.57	20.52	20.55		
10	16QAM	50	0	20.45	20.46	20.26		
10	64QAM	1	0	20.78	20.56	20.58	21.5	2
10	64QAM	1	25	20.46	20.56	20.70		
10	64QAM	1	49	20.34	20.37	20.80		
10	64QAM	25	0	19.36	19.38	19.46	20.5	3
10	64QAM	25	12	19.50	19.56	19.41		
10	64QAM	25	25	19.53	19.36	19.61		
10	64QAM	50	0	19.28	19.41	19.45		
10	256QAM	1	0	17.48	17.48	17.57	18.5	5
10	256QAM	1	25	17.66	17.47	17.56		
10	256QAM	1	49	17.44	17.40	17.57		
10	256QAM	25	0	17.46	17.37	17.40	18.5	5
10	256QAM	25	12	17.36	17.29	17.33		
10	256QAM	25	25	17.28	17.46	17.39		
10	256QAM	50	0	17.20	17.52	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.91	22.14	22.06	23.5	0
5	QPSK	1	12	21.98	21.99	21.77		
5	QPSK	1	24	22.08	22.10	22.05		
5	QPSK	12	0	21.24	21.34	21.29	22.5	1
5	QPSK	12	7	21.31	21.28	21.02		
5	QPSK	12	13	21.30	21.38	21.42		
5	QPSK	25	0	21.28	21.39	21.21		
5	16QAM	1	0	21.34	21.48	21.40	22.5	1
5	16QAM	1	12	21.57	21.73	21.64		
5	16QAM	1	24	21.67	21.68	21.68		
5	16QAM	12	0	20.38	20.40	20.27	21.5	2
5	16QAM	12	7	20.34	20.54	20.27		
5	16QAM	12	13	20.61	20.62	20.56		
5	16QAM	25	0	20.41	20.38	20.19		
5	64QAM	1	0	20.68	20.56	20.59	21.5	2
5	64QAM	1	12	20.49	20.46	20.77		
5	64QAM	1	24	20.34	20.38	20.75		
5	64QAM	12	0	19.44	19.50	19.47	20.5	3
5	64QAM	12	7	19.38	19.53	19.52		
5	64QAM	12	13	19.46	19.34	19.51		
5	64QAM	25	0	19.33	19.42	19.52		
5	256QAM	1	0	17.57	17.47	17.68	18.5	5
5	256QAM	1	12	17.65	17.37	17.67		
5	256QAM	1	24	17.52	17.51	17.68		
5	256QAM	12	0	17.58	17.41	17.39	18.5	5
5	256QAM	12	7	17.24	17.34	17.36		
5	256QAM	12	13	17.40	17.53	17.48		
5	256QAM	25	0	17.22	17.52	17.49		

LTE Band 2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel	Power Middle Ch. / Frequency (MHz)	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
				18700	18900	19100		
				1860	1880	1900		
20	QPSK	1	0	23.33	23.46	23.41		
20	QPSK	1	49	23.15	23.41	23.28	24.5	0
20	QPSK	1	99	23.33	23.42	23.31		
20	QPSK	50	24	22.45	22.61	22.60		
20	QPSK	50	24	22.56	22.58	22.40		
20	QPSK	50	50	22.53	22.55	22.54	23.5	1
20	QPSK	100	0	22.56	22.57	22.50		
20	16QAM	1	0	22.97	23.01	22.73		
20	16QAM	1	49	23.13	23.12	23.10	23.5	1
20	16QAM	1	99	23.06	23.11	23.08		
20	16QAM	50	0	21.29	21.46	21.47		
20	16QAM	50	24	21.55	21.40	21.35	22.5	2
20	16QAM	50	50	21.43	21.44	21.42		
20	16QAM	100	0	21.33	21.29	21.52		
20	64QAM	1	0	21.32	21.44	21.38		
20	64QAM	1	49	21.52	21.48	21.49	22.5	2
20	64QAM	1	99	21.34	21.60	21.37		
20	64QAM	50	0	20.70	20.59	20.69		
20	64QAM	50	24	20.70	20.57	20.64	21.5	3
20	64QAM	50	50	20.59	20.65	20.59		
20	64QAM	100	0	20.75	20.53	20.75		
20	256QAM	1	0	18.73	18.78	18.89		
20	256QAM	1	49	18.76	18.77	18.89	19.5	5
20	256QAM	1	99	18.74	18.70	18.82		
20	256QAM	50	0	18.58	18.63	18.55		
20	256QAM	50	24	18.46	18.73	18.53	19.5	5
20	256QAM	50	50	18.59	18.53	18.67		
20	256QAM	100	0	18.76	18.73	18.55		
				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
				1857.5	1880	1902.5		
15	QPSK	1	0	23.14	23.39	23.36		
15	QPSK	1	37	22.98	23.35	23.22	24.5	0
15	QPSK	1	74	23.23	23.34	23.17		
15	QPSK	36	0	22.38	22.46	22.44		
15	QPSK	36	20	22.38	22.42	22.31	23.5	1
15	QPSK	36	39	22.42	22.36	22.46		
15	QPSK	75	0	22.39	22.50	22.40		
15	16QAM	1	0	22.84	22.84	22.56		
15	16QAM	1	37	22.98	22.95	22.99	23.5	1
15	16QAM	1	74	22.97	22.91	22.94		
15	16QAM	36	0	21.09	21.41	21.36		
15	16QAM	36	20	21.40	21.22	21.15	22.5	2
15	16QAM	36	39	21.30	21.40	21.34		
15	16QAM	75	0	21.19	21.25	21.37		
15	64QAM	1	0	21.27	21.33	21.22		
15	64QAM	1	37	21.41	21.42	21.44	22.5	2
15	64QAM	1	74	21.18	21.47	21.24		
15	64QAM	36	0	20.52	20.40	20.61		
15	64QAM	36	20	20.65	20.41	20.59	21.5	3
15	64QAM	36	39	20.48	20.46	20.53		
15	64QAM	75	0	20.67	20.42	20.70		
15	256QAM	1	0	18.57	18.66	18.81		
15	256QAM	1	37	18.62	18.61	18.72	19.5	5
15	256QAM	1	74	18.59	18.63	18.43		
15	256QAM	36	0	18.39	18.58	18.36		
15	256QAM	36	20	18.36	18.68	18.45	19.5	5
15	256QAM	36	39	18.47	18.41	18.61		
15	256QAM	75	0	18.59	18.56	18.41		
				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
				1855	1880	1905		
10	QPSK	1	0	23.22	23.33	23.30		
10	QPSK	1	25	23.06	23.25	23.16	24.5	0
10	QPSK	1	49	23.27	23.37	23.11		
10	QPSK	25	12	22.31	22.48	22.50		
10	QPSK	25	12	22.46	22.49	22.24	23.5	1
10	QPSK	25	25	22.40	22.48	22.43		
10	QPSK	50	0	22.38	22.47	22.40		
10	16QAM	1	0	22.82	22.97	22.60		
10	16QAM	1	25	22.98	23.01	22.91	23.5	1
10	16QAM	1	49	22.88	22.99	22.93		
10	16QAM	25	0	21.10	21.26	21.41		
10	16QAM	25	12	21.50	21.28	21.29	22.5	2
10	16QAM	25	25	21.35	21.33	21.26		
10	16QAM	50	0	21.22	21.18	21.46		
10	64QAM	1	0	21.27	21.34	21.26		
10	64QAM	1	25	21.36	21.31	21.35	22.5	2
10	64QAM	1	49	21.21	21.55	21.26		
10	64QAM	25	0	20.62	20.53	20.63		
10	64QAM	25	12	20.57	20.44	20.49	21.5	3
10	64QAM	25	25	20.51	20.54	20.48		
10	64QAM	50	0	20.59	20.47	20.61		
10	256QAM	1	0	18.62	18.70	18.84		
10	256QAM	1	25	18.70	18.58	18.70	19.5	5
10	256QAM	1	49	18.64	18.62	18.55		
10	256QAM	25	0	18.47	18.45	18.41		
10	256QAM	25	12	18.34	18.61	18.45	19.5	5
10	256QAM	25	25	18.45	18.47	18.57		
10	256QAM	50	0	18.65	18.56	18.50		
				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
				1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.37	23.27		
5	QPSK	1	12	22.98	23.29	23.23	24.5	0
5	QPSK	1	24	23.18	23.37	23.12		
5	QPSK	12	0	22.38	22.45	22.47		
5	QPSK	12	7	22.52	22.52	22.23	23.5	1
5	QPSK	12	13	22.34	22.51	22.39		
5	QPSK	25	0	22.48	22.41	22.44		
5	16QAM	1	0	22.85	22.85	22.55		
5	16QAM	1	12	22.98	23.02	22.95	23.5	1
5	16QAM	1	24	22.87	22.97	22.96		
5	16QAM	12	0	21.25	21.33	21.40		
5	16QAM	12	7	21.40	21.25	21.21	22.5	2
5	16QAM	12	13	21.31	21.30	21.31		
5	16QAM	25	0	21.14	21.23	21.46		
5	64QAM	1	0	21.25	21.38	21.29		
5	64QAM	1	12	21.34	21.38	21.42	22.5	2
5	64QAM	1	24	21.29	21.45	21.24		
5	64QAM	12	0	20.60	20.47	20.62		
5	64QAM	12	7	20.53	20.44	20.54	21.5	3
5	64QAM	12	13	20.40	20.52	20.40		
5	64QAM	25	0	20.69	20.45	20.66		
5	256QAM	1	0	18.64	18.72	18.71		
5	256QAM	1	12	18.63	18.62	18.72	19.5	5
5	256QAM	1	24	18.59	18.62	18.43		
5	256QAM	12	0	18.50	18.46	18.46		
5	256QAM	12	7	18.30	18.59	18.33	19.5	5
5	256QAM	12	13	18.46	18.45	18.58		
5	256QAM	25	0	18.61	18.64	18.45		
				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
				1851.5	1880	1908.5		
3	QPSK	1	0	23.22	23.42	23.22		
3	QPSK	1	8	23.10	23.25	23.14	24.5	0
3	QPSK	1	14	23.22	23.38	23.26		
3	QPSK	8	0	22.38	22.54	22.51		
3	QPSK	8	4	22.52	22.46	22.27	23.5	1
3	QPSK	8	7	22.46	22.50	22.45		
3	QPSK	15	0	22.38	22.50	22.40		
3	16QAM	1	0	22.82	22.86	22.59		
3	16QAM	1	8	22.97	22.93	22.92	23.5	1
3	16QAM	1	14	22.99	22.93	22.95		
3	16QAM	8	0	21.14	21.37	21.28		
3	16QAM	8	4	21.38	21.25	21.30	22.5	2
3	16QAM	8	7	21.32	21.33	21.34		
3	16QAM	15	0	21.24	21.11	21.42		
3	64QAM	1	0	21.22	21.36	21.29		
3	64QAM	1	8	21.43	21.36	21.45	22.5	2
3	64QAM	1	14	21.27	21.52	21.22		
3	64QAM	8	0	20.85	20.40	20.54		
3	64QAM	8	4	20.61	20.40	20.53	21.5	3
3	64QAM	8	7	20.52	20.52	20.45		
3	64QAM	15	0	20.61	20.45	20.60		
3	256QAM	1	0	18.59	18.66	18.72		
3	256QAM	1	8	18.80	18.69	18.80	19.5	5
3	256QAM	1	14	18.54	18.54	18.54		
3	256QAM	8	0	18.44	18.58	18.47		
3	256QAM	8	4	18.40	18.56	18.37	19.5	5
3	256QAM	8	7	18.51	18.44	18.61		
3	256QAM	15	0	18.61	18.60	18.36		
				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.17	23.40	23.30		
1.4	QPSK	1	3	22.99	23.26	23.18		
1.4	QPSK	1	5	23.23	23.31	23.26	24.5	0
1.4	QPSK	3	0	23.28	23.39	23.28		
1.4	QPSK	3	1	23.02	23.26	23.14		
1.4	QPSK	3	3	23.24	23.37	23.11		
1.4	QPSK	6	0	22.28	22.46	22.38	23.5	1
1.4	16QAM	1	0	22.40	22.30	22.18		
1.4	16QAM	1	3	22.31	22.37	22.26		
1.4	16QAM	1	5	22.34	22.45	22.27	23.5	1
1.4	16QAM	3	0	22.71	22.69	22.47		
1.4	16QAM	3	1	22.85	22.75	22.87		
1.4	16QAM	3	3	22.80	22.83	22.88		
1.4	16QAM	6	0	21.00	21.31	21.12	22.5	2
1.4	64QAM	1	0	21.21	21.14	21.12		
1.4	64QAM	1	3	21.21	21.28	21.21		
1.4	64QAM	1	5	21.10	21.04	21.36	22.5	2
1.4	64QAM	3	0	21.15	21.30	21.13		
1.4	64QAM	3	1	21.36	21.25	21.28		
1.4	64QAM	3	3	21.08	21.37	21.04		
1.4	64QAM	6	0	20.54	20.27	20.47	21.5	3
1.4	256QAM	1	0	18.67	18.61	18.75		
1.4	256QAM	1	3	18.80	18.66	18.70		
1.4	256QAM	1	5	18.62	18.62	18.56	19.5	5
1.4	256QAM	3	0	18.50	18.56	18.48		
1.4	256QAM	3	1	18.30	18.60	18.40		
1.4	256QAM	3	3	18.40	18.37	18.51		
1.4	256QAM	6	0	18.62	18.60	18.38	19.5	5

LTE Band 4 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel	Power Middle Ch. / Frequency (MHz)	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
				20050	20175	20300		
				1720	1732.5	1745		
20	QPSK	1	0	23.57	23.67	23.51		
20	QPSK	1	49	23.43	23.65	23.39	24.5	0
20	QPSK	1	99	23.56	23.61	23.39		
20	QPSK	50	0	22.68	22.87	22.69		
20	QPSK	50	24	22.81	22.76	22.62		
20	QPSK	50	50	22.55	22.77	22.80	23.5	1
20	QPSK	100	0	22.79	22.82	22.58		
20	16QAM	1	0	23.06	23.00	22.75		
20	16QAM	1	49	22.90	22.98	22.91	23.5	1
20	16QAM	1	99	22.91	23.11	22.90		
20	16QAM	50	0	21.93	21.90	22.03		
20	16QAM	50	24	21.76	21.85	22.07	22.5	2
20	16QAM	50	50	21.77	22.00	21.89		
20	16QAM	100	0	21.83	21.80	21.97		
20	64QAM	1	0	21.96	22.04	21.91		
20	64QAM	1	49	21.87	21.95	21.96	22.5	2
20	64QAM	1	99	21.91	21.91	21.87		
20	64QAM	50	0	20.95	20.89	21.04		
20	64QAM	50	24	21.04	20.82	20.97	21.5	3
20	64QAM	50	50	21.06	20.78	20.94		
20	64QAM	100	0	21.04	20.81	21.00		
20	256QAM	1	0	18.72	18.72	18.56		
20	256QAM	1	49	18.58	18.71	18.54	19.5	5
20	256QAM	1	99	18.66	18.75	18.74		
20	256QAM	50	0	19.01	18.88	18.75		
20	256QAM	50	24	18.93	18.70	18.71	19.5	5
20	256QAM	50	50	18.76	18.77	19.00		
20	256QAM	100	0	19.06	18.93	18.85		
				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.42	23.54	23.41		
15	QPSK	1	37	23.28	23.51	23.23	24.5	0
15	QPSK	1	74	23.37	23.43	23.28		
15	QPSK	36	0	22.60	22.82	22.53		
15	QPSK	36	20	22.71	22.60	22.44	23.5	1
15	QPSK	36	39	22.43	22.66	22.69		
15	QPSK	75	0	22.62	22.75	22.47		
15	16QAM	1	0	22.87	22.90	22.69		
15	16QAM	1	37	22.94	22.81	22.84	23.5	1
15	16QAM	1	74	22.75	23.05	22.70		
15	16QAM	36	0	21.79	21.75	21.87		
15	16QAM	36	20	21.70	21.72	22.03	22.5	2
15	16QAM	36	39	21.63	21.96	21.72		
15	16QAM	75	0	21.73	21.86	21.81		
15	64QAM	1	0	21.89	21.98	21.76		
15	64QAM	1	37	21.75	21.76	21.78	22.5	2
15	64QAM	1	74	21.80	21.83	21.80		
15	64QAM	36	0	20.80	20.70	20.86		
15	64QAM	36	20	20.71	20.77	20.64	21.5	3
15	64QAM	36	39	20.88	20.66	20.81		
15	64QAM	75	0	20.96	20.69	20.95		
15	256QAM	1	0	18.68	18.54	18.45		
15	256QAM	1	37	18.45	18.56	18.39	19.5	5
15	256QAM	1	74	18.52	18.54	18.63		
15	256QAM	36	0	18.92	18.69	18.67		
15	256QAM	36	20	18.80	18.67	18.59	19.5	5
15	256QAM	36	39	18.68	18.63	18.93		
15	256QAM	75	0	18.96	18.78	18.65		
				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
				1715	1732.5	1750		
10	QPSK	1	0	23.45	23.58	23.32		
10	QPSK	1	25	23.24	23.59	23.31	24.5	0
10	QPSK	1	49	23.47	23.51	23.27		
10	QPSK	25	12	22.52	22.72	22.55		
10	QPSK	25	12	22.64	22.57	22.44	23.5	1
10	QPSK	25	25	22.38	22.65	22.74		
10	QPSK	50	0	22.73	22.74	22.50		
10	16QAM	1	0	23.01	22.82	22.69		
10	16QAM	1	25	22.82	22.72	22.86	23.5	1
10	16QAM	1	49	22.86	22.98	22.80		
10	16QAM	25	0	21.82	21.76	21.84		
10	16QAM	25	12	21.59	21.68	21.94	22.5	2
10	16QAM	25	25	21.62	21.92	21.80		
10	16QAM	50	0	21.73	21.81	21.77		
10	64QAM	1	0	21.83	21.98	21.86		
10	64QAM	1	25	21.82	21.88	21.88	22.5	2
10	64QAM	1	49	21.77	21.77	21.72		
10	64QAM	25	0	20.79	20.82	20.97		
10	64QAM	25	12	20.87	20.76	20.68	21.5	3
10	64QAM	25	25	20.99	20.63	20.82		
10	64QAM	50	0	20.95	20.66	20.89		
10	256QAM	1	0	18.63	18.64	18.38		
10	256QAM	1	25	18.40	18.61	18.39	19.5	5
10	256QAM	1	49	18.54	18.59	18.70		
10	256QAM	25	0	18.93	18.83	18.68		
10	256QAM	25	12	18.77	18.60	18.63	19.5	5
10	256QAM	25	25	18.57	18.60	18.95		
10	256QAM	50	0	18.97	18.78	18.78		
				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.41	23.62	23.42		
5	QPSK	1	12	23.30	23.48	23.31	24.5	0
5	QPSK	1	24	23.49	23.51	23.28		
5	QPSK	12	0	22.70	22.83	22.63		
5	QPSK	12	7	22.65	22.61	22.46	23.5	1
5	QPSK	12	13	22.36	22.68	22.62		
5	QPSK	25	0	22.71	22.71	22.53		
5	16QAM	1	0	22.90	22.88	22.65		
5	16QAM	1	12	22.78	22.77	22.83	23.5	1
5	16QAM	1	24	22.76	22.98	22.77		
5	16QAM	12	0	21.81	21.73	21.83		
5	16QAM	12	7	21.70	21.80	22.00	22.5	2
5	16QAM	12	13	21.66	21.88	21.74		
5	16QAM	25	0	21.78	21.96	21.93		
5	64QAM	1	0	21.84	21.89	21.80		
5	64QAM	1	12	21.73	21.81	21.91	22.5	2
5	64QAM	1	24	21.83	21.86	21.76		
5	64QAM	12	0	20.81	20.70	20.86		
5	64QAM	12	7	20.92	20.70	20.76	21.5	3
5	64QAM	12	13	20.94	20.61	20.85		
5	64QAM	25	0	20.92	20.63	20.80		
5	256QAM	1	0	18.56	18.53	18.41		
5	256QAM	1	12	18.50	18.54	18.38	19.5	5
5	256QAM	1	24	18.52	18.56	18.73		
5	256QAM	12	0	18.56	18.71	18.60		
5	256QAM	12	7	18.83	18.67	18.52	19.5	5
5	256QAM	12	13	18.64	18.62	18.94		
5	256QAM	25	0	18.86	18.70	18.73		
				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.41	23.59	23.36		
3	QPSK	1	8	23.33	23.53	23.26	24.5	0
3	QPSK	1	14	23.50	23.46	23.29		
3	QPSK	8	0	22.68	22.76	22.59		
3	QPSK	8	4	22.76	22.71	22.54	23.5	1
3	QPSK	8	7	22.37	22.66	22.68		
3	QPSK	15	0	22.70	22.66	22.48		
3	16QAM	1	0	22.86	22.94	22.60		
3	16QAM	1	8	22.79	22.74	22.82	23.5	1
3	16QAM	1	14	22.85	22.92	22.76		
3	16QAM	8	0	21.75	21.74	21.90		
3	16QAM	8	4	21.66	21.73	21.96	22.5	2
3	16QAM	8	7	21.58	21.81	21.74		
3	16QAM	15	0	21.67	21.83	21.81		
3	64QAM	1	0	21.85	22.00	21.77		
3	64QAM	1	8	21.68	21.81	21.86	22.5	2
3	64QAM	1	14	21.84	21.74	21.77		
3	64QAM	8	0	20.79	20.72	21.00		
3	64QAM	8	4	20.86	20.74	20.79	21.5	3
3	64QAM	8	7	21.02	20.69	20.83		
3	64QAM	15	0	20.98	20.70	20.91		
3	256QAM	1	0	18.57	18.59	18.38		
3	256QAM	1	8	18.40	18.64	18.34	19.5	5
3	256QAM	1	14	18.55	18.66	18.56		
3	256QAM	8	0	18.88	18.74	18.66		
3	256QAM	8	4	18.74	18.61	18.54	19.5	5
3	256QAM	8	7	18.60	18.70	18.92		
3	256QAM	15	0	18.90	18.77	18.77		
				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.51	23.38		
1.4	QPSK	1	3	23.26	23.50	23.24		
1.4	QPSK	1	5	23.42	23.43	23.24	24.5	0
1.4	QPSK	3	0	23.40	23.59	23.46		
1.4	QPSK	3	1	23.29	23.46	23.26		
1.4	QPSK	3	3	23.48	23.52	23.23		
1.4	QPSK	6	0	22.38	22.66	22.44	23.5	1
1.4	16QAM	1	0	22.64	22.54	22.46		
1.4	16QAM	1	3	22.77	22.57	22.57		
1.4	16QAM	1	5	22.65	22.61	22.32	23.5	1
1.4	16QAM	3	0	22.81	22.65	22.56		
1.4	16QAM	3	1	22.61	22.57	22.67		
1.4	16QAM	3	3	22.81	22.78	22.70		
1.4	16QAM	6	0	21.57	21.84	21.72	22.5	2
1.4	64QAM	1	0	21.52	21.69	21.92		
1.4	64QAM	1	3	21.51	21.68	21.57		
1.4	64QAM	1	5	21.60	21.49	21.64	22.5	2
1.4	64QAM	3	0	21.76	21.93	21.72		
1.4	64QAM	3	1	21.64	21.76	21.79		
1.4	64QAM	3	3	21.77	21.58	21.61		
1.4	64QAM	6	0	20.72	20.67	20.95	21.5	3
1.4	256QAM	1	0	18.58	18.67	18.39		
1.4	256QAM	1	3	18.44	18.63	18.43		
1.4	256QAM	1	5	18.53	18.68	18.69	19.5	5
1.4	256QAM	3	0	18.58	18.87	18.57		
1.4	256QAM	3	1	18.80	18.60	18.55		
1.4	256QAM	3	3	18.63	18.62	18.88		
1.4	256QAM	6	0	19.01	18.79	18.71	19.5	5

LTE Band 25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Channel	Power Middle Ch. / Frequency (MHz)	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
				26140	26340	26590		
				1860	1880	1905		
20	QPSK	1	0	23.41	23.56	23.35		
20	QPSK	1	49	23.44	23.49	23.44	24.5	0
20	QPSK	1	99	23.49	23.51	23.50		
20	QPSK	50	24	22.63	22.61	22.40		
20	QPSK	50	24	22.54	22.59	22.54	23.5	1
20	QPSK	50	50	22.37	22.61	22.37		
20	QPSK	100	0	22.59	22.61	22.53		
20	16QAM	1	0	22.64	22.82	22.58		
20	16QAM	1	49	22.78	22.83	22.64	23.5	1
20	16QAM	1	99	22.88	22.70	22.91		
20	16QAM	50	0	21.60	21.62	21.77		
20	16QAM	50	24	21.64	21.50	21.48

LTE Band 43 Ant6

(3.7GHz Band) for FCC use

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.78	20.85	20.80		
20	QPSK	1	49	20.77	20.71	20.67	22	0
20	QPSK	1	99	20.66	20.72	20.60		
20	QPSK	50	0	20.74	20.78	20.69		
20	QPSK	50	24	20.76	20.74	20.74	22	0
20	QPSK	50	50	20.67	20.69	20.63		
20	QPSK	100	0	20.66	20.72	20.65		
20	16QAM	1	0	20.72	20.71	20.74		
20	16QAM	1	49	20.70	20.69	20.57	22	0
20	16QAM	1	99	20.51	20.62	20.55		
20	16QAM	50	0	20.68	20.74	20.61		
20	16QAM	50	24	20.60	20.64	20.61	22	0
20	16QAM	50	50	20.54	20.62	20.59		
20	16QAM	100	0	20.57	20.65	20.54		
20	64QAM	1	0	20.71	20.70	20.70		
20	64QAM	1	49	20.68	20.68	20.59	22	0
20	64QAM	1	99	20.54	20.62	20.55		
20	64QAM	50	0	19.79	19.72	19.78		
20	64QAM	50	24	19.64	19.77	19.74	21	1
20	64QAM	50	50	19.70	19.72	19.64		
20	64QAM	100	0	19.75	19.78	19.75		
20	256QAM	1	0	17.76	17.76	17.82		
20	256QAM	1	49	17.73	17.63	17.77	19	3
20	256QAM	1	99	17.58	17.80	17.67		
20	256QAM	50	0	17.68	17.71	17.66		
20	256QAM	50	24	17.84	17.69	17.61	19	3
20	256QAM	50	50	17.68	17.71	17.58		
20	256QAM	100	0	17.73	17.73	17.69		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.76	20.77	20.73		
15	QPSK	1	37	20.67	20.75	20.76	22	0
15	QPSK	1	74	20.62	20.71	20.61		
15	QPSK	36	0	20.75	20.81	20.64		
15	QPSK	36	20	20.67	20.78	20.74	22	0
15	QPSK	36	39	20.64	20.72	20.71		
15	QPSK	75	0	20.68	20.73	20.69		
15	16QAM	1	0	20.71	20.67	20.72		
15	16QAM	1	37	20.61	20.69	20.61	22	0
15	16QAM	1	74	20.59	20.61	20.50		
15	16QAM	36	0	20.69	20.76	20.64		
15	16QAM	36	20	20.56	20.73	20.54	22	0
15	16QAM	36	39	20.57	20.65	20.68		
15	16QAM	75	0	20.58	20.70	20.49		
15	64QAM	1	0	20.72	20.71	20.67		
15	64QAM	1	37	20.65	20.71	20.68	22	0
15	64QAM	1	74	20.51	20.59	20.51		
15	64QAM	36	0	19.74	19.75	19.81		
15	64QAM	36	20	19.68	19.78	19.65	21	1
15	64QAM	36	39	19.66	19.68	19.63		
15	64QAM	75	0	19.75	19.77	19.64		
15	256QAM	1	0	17.72	17.76	17.72		
15	256QAM	1	37	17.72	17.72	17.67	19	3
15	256QAM	1	74	17.68	17.70	17.61		
15	256QAM	36	0	17.71	17.77	17.77		
15	256QAM	36	20	17.73	17.75	17.63	19	3
15	256QAM	36	39	17.74	17.70	17.64		
15	256QAM	75	0	17.67	17.74	17.68		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.79	20.77	20.77		
10	QPSK	1	25	20.67	20.69	20.72	22	0
10	QPSK	1	49	20.65	20.73	20.65		
10	QPSK	25	0	20.81	20.81	20.70		
10	QPSK	25	12	20.72	20.69	20.70	22	0
10	QPSK	25	25	20.67	20.78	20.69		
10	QPSK	50	0	20.63	20.72	20.68		
10	16QAM	1	0	20.71	20.74	20.73		
10	16QAM	1	25	20.64	20.71	20.62	22	0
10	16QAM	1	49	20.56	20.55	20.49		
10	16QAM	25	0	20.68	20.77	20.62		
10	16QAM	25	12	20.54	20.67	20.53	22	0
10	16QAM	25	25	20.61	20.58	20.63		
10	16QAM	50	0	20.51	20.61	20.54		
10	64QAM	1	0	20.73	20.74	20.70		
10	64QAM	1	25	20.65	20.64	20.60	22	0
10	64QAM	1	49	20.47	20.68	20.56		
10	64QAM	25	0	19.74	19.73	19.83		
10	64QAM	25	12	19.66	19.73	19.72	21	1
10	64QAM	25	25	19.74	19.74	19.64		
10	64QAM	50	0	19.85	19.78	19.75		
10	256QAM	1	0	17.78	17.76	17.74		
10	256QAM	1	25	17.70	17.71	17.71	19	3
10	256QAM	1	49	17.60	17.80	17.64		
10	256QAM	25	0	17.75	17.74	17.73		
10	256QAM	25	12	17.77	17.76	17.69	19	3
10	256QAM	25	25	17.73	17.67	17.67		
10	256QAM	50	0	17.76	17.74	17.66		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.82	20.82	20.73		
5	QPSK	1	12	20.73	20.77	20.76	22	0
5	QPSK	1	24	20.62	20.75	20.61		
5	QPSK	12	0	20.79	20.84	20.70		
5	QPSK	12	7	20.69	20.68	20.65	22	0
5	QPSK	12	13	20.65	20.72	20.69		
5	QPSK	25	0	20.67	20.70	20.62		
5	16QAM	1	0	20.72	20.67	20.69		
5	16QAM	1	12	20.67	20.67	20.58	22	0
5	16QAM	1	24	20.53	20.61	20.58		
5	16QAM	12	0	20.69	20.81	20.60		
5	16QAM	12	7	20.63	20.67	20.55	22	0
5	16QAM	12	13	20.54	20.67	20.69		
5	16QAM	25	0	20.58	20.59	20.48		
5	64QAM	1	0	20.71	20.64	20.64		
5	64QAM	1	12	20.61	20.68	20.65	22	0
5	64QAM	1	24	20.53	20.63	20.59		
5	64QAM	12	0	19.75	19.76	19.82		
5	64QAM	12	7	19.70	19.77	19.73	21	1
5	64QAM	12	13	19.75	19.68	19.66		
5	64QAM	25	0	19.73	19.78	19.69		
5	256QAM	1	0	17.78	17.84	17.78		
5	256QAM	1	12	17.71	17.74	17.73	19	3
5	256QAM	1	24	17.68	17.73	17.57		
5	256QAM	12	0	17.77	17.71	17.69		
5	256QAM	12	7	17.83	17.70	17.67	19	3
5	256QAM	12	13	17.67	17.73	17.60		
5	256QAM	25	0	17.65	17.82	17.64		

LTE Band 48 Ant6

FCC Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Low Middle	Power High Middle	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.85	20.88	20.81	20.83		
20	QPSK	1	49	20.77	20.79	20.77	20.80	22	0
20	QPSK	1	99	20.73	20.75	20.71	20.76		
20	QPSK	50	0	20.82	20.85	20.74	20.77		
20	QPSK	50	24	20.78	20.78	20.75	20.71	22	0
20	QPSK	50	50	20.72	20.79	20.75	20.72		
20	QPSK	100	0	20.71	20.80	20.70	20.76		
20	16QAM	1	0	20.79	20.75	20.76	20.74		
20	16QAM	1	49	20.71	20.77	20.68	20.69	22	0
20	16QAM	1	99	20.61	20.65	20.60	20.68		
20	16QAM	50	0	20.77	20.81	20.70	20.75		
20	16QAM	50	24	20.66	20.75	20.61	20.67	22	0
20	16QAM	50	50	20.62	20.69	20.70	20.58		
20	16QAM	100	0	20.61	20.70	20.59	20.65		
20	64QAM	1	0	20.81	20.75	20.73	20.72		
20	64QAM	1	49	20.69	20.75	20.70	20.68	22	0
20	64QAM	1	99	20.59	20.70	20.60	20.67		
20	64QAM	50	0	19.80	19.82	19.86	19.79		
20	64QAM	50	24	19.74	19.80	19.75	19.77	21	1
20	64QAM	50	50	19.76	19.78	19.71	19.72		
20	64QAM	100	0	19.85	19.85	19.75	19.83		
20	256QAM	1	0	17.81	17.85	17.83	17.85		
20	256QAM	1	49	17.80	17.74	17.78	17.84	19	3
20	256QAM	1	99	17.68	17.81	17.68	17.73		
20	256QAM	50	0	17.80	17.81	17.78	17.76		
20	256QAM	50	24	17.84	17.80	17.71	17.76	19	3
20	256QAM	50	50	17.75	17.78	17.70	17.69		
20	256QAM	100	0	17.76	17.84	17.70	17.74		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.75	20.85	20.75	20.70		
15	QPSK	1	37	20.64	20.76	20.65	20.67	22	0
15	QPSK	1	74	20.68	20.64	20.65	20.73		
15	QPSK	36	0	20.72	20.72	20.69	20.67		
15	QPSK	36	20	20.75	20.76	20.64	20.65	22	0
15	QPSK	36	39	20.68	20.67	20.64	20.65		
15	QPSK	75	0	20.60	20.67	20.57	20.63		
15	16QAM	1	0	20.71	20.67	20.70	20.66		
15	16QAM	1	37	20.68	20.66	20.58	20.61	22	0
15	16QAM	1	74	20.51	20.55	20.48	20.60		
15	16QAM	36	0	20.69	20.76	20.64	20.65		
15	16QAM	36	20	20.55	20.67	20.55	20.61	22	0
15	16QAM	36	39	20.51	20.60	20.62	20.52		
15	16QAM	75	0	20.51	20.59	20.47	20.54		
15	64QAM	1	0	20.69	20.63	20.59	20.60		
15	64QAM	1	37	20.59	20.64	20.67	20.55	22	0
15	64QAM	1	74	20.47	20.66	20.51	20.58		
15	64QAM	36	0	19.71	19.69	19.72	19.73		
15	64QAM	36	20	19.60	19.72	19.70	19.68	21	1
15	64QAM	36	39	19.68	19.73	19.61	19.61		
15	64QAM	75	0	19.72	19.78	19.73	19.77		
15	256QAM	1	0	17.73	17.81	17.74	17.74		
15	256QAM	1	37	17.72	17.64	17.70	17.71	19	3
15	256QAM	1	74	17.60	17.77	17.62	17.68		
15	256QAM	36	0	17.77	17.75	17.71	17.73		
15	256QAM	36	20	17.75	17.68	17.60	17.68	19	3
15	256QAM	36	39	17.67	17.71	17.61	17.66		
15	256QAM	75	0	17.73	17.78	17.68	17.62		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.74	20.82	20.77	20.75		
10	QPSK	1	25	20.66	20.71	20.68	20.78	22	0
10	QPSK	1	49	20.68	20.66	20.57	20.62		
10	QPSK	25	0	20.74	20.81	20.71	20.68		
10	QPSK	25	12	20.67	20.74	20.61	20.57	22	0
10	QPSK	25	25	20.59	20.72	20.62	20.64		
10	QPSK	50	0	20.59	20.72	20.62	20.68		
10	16QAM	1	0	20.71	20.69	20.62	20.63		
10	16QAM	1	25	20.63	20.70	20.61	20.62	22	0
10	16QAM	1	49	20.58	20.60	20.58	20.56		
10	16QAM	25	0	20.75	20.70	20.62	20.72		
10	16QAM	25	12	20.63	20.66	20.55	20.60	22	0
10	16QAM	25	25	20.48	20.60	20.59	20.52		
10	16QAM	50	0	20.48	20.67	20.53	20.56		
10	64QAM	1	0	20.70	20.67	20.64	20.69		
10	64QAM	1	25	20.59	20.69	20.65	20.59	22	0
10	64QAM	1	49	20.50	20.60	20.47	20.60		
10	64QAM	25	0	19.77	19.72	19.80	19.67		
10	64QAM	25	12	19.61	19.72	19.63	19.67	21	1
10	64QAM	25	25	19.72	19.68	19.60	19.67		
10	64QAM	50	0	19.81	19.72	19.65	19.79		
10	256QAM	1	0	17.70	17.71	17.71	17.81		
10	256QAM	1	25	17.68	17.72	17.66	17.77	19	3
10	256QAM	1	49	17.63	17.70	17.64	17.65		
10	256QAM	25	0	17.75	17.74	17.76	17.68		
10	256QAM	25	12	17.79	17.69	17.65	17.69	19	3
10	256QAM	25	25	17.72	17.67	17.59	17.64		
10	256QAM	50	0	17.63	17.77	17.63	17.68		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.73	20.78	20.68	20.70		
5	QPSK	1	12	20.73	20.66	20.66	20.77	22	0
5	QPSK	1	24	20.69	20.63	20.62	20.70		
5	QPSK	12	0	20.79	20.82	20.71	20.70		
5	QPSK	12	7	20.65	20.71	20.64	20.58	22	0
5	QPSK	12	13	20.65	20.73	20.65	20.65		
5	QPSK	25	0	20.61	20.73	20.62	20.64		
5	16QAM	1	0	20.68	20.73	20.67	20.62		
5	16QAM	1	12	20.59	20.71	20.55	20.62	22	0
5	16QAM	1	24	20.55	20.57	20.46	20.66		
5	16QAM	12	0	20.69	20.78	20.58	20.62		
5	16QAM	12	7	20.56	20.71	20.51	20.61	22	0
5	16QAM	12	13	20.59	20.57	20.62	20.48		
5	16QAM	25	0	20.49	20.61	20.47	20.55		
5	64QAM	1	0	20.67	20.69	20.65	20.68		
5	64QAM	1	12	20.65	20.63	20.57	20.55	22	0
5	64QAM	1	24	20.52	20.63	20.53	20.56		
5	64QAM	12	0	19.67	19.77	19.72	19.75		
5	64QAM	12	7	19.66	19.76	19.71	19.72	21	1
5	64QAM	12	13	19.69	19.64	19.69	19.59		
5	64QAM	25	0	19.78	19.78	19.69	19.73		
5	256QAM	1	0	17.75	17.77	17.80	17.78		
5	256QAM	1	12	17.70	17.67	17.71	17.77	19	3
5	256QAM	1	24	17.64	17.75	17.60	17.60		
5	256QAM	12	0	17.73	17.72	17.75	17.72		
5	256QAM	12	7	17.73	17.67	17.67	17.63	19	3
5	256QAM	12	13	17.70	17.71	17.65	17.57		
5	256QAM	25	0	17.69	17.73	17.59	17.68		

Full & Default Power

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.51	23.67	23.65	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.64	23.57		
20	PI/2 BPSK	1	104	23.55	23.72	23.62		
20	PI/2 BPSK	50	0	23.59	23.67	23.54	24.0	0.5
20	PI/2 BPSK	50	28	23.54	23.68	23.56	24.5	0.0
20	PI/2 BPSK	50	56	23.45	23.59	23.57	24.0	0.5
20	PI/2 BPSK	100	0	23.65	23.72	23.59		
20	QPSK	1	1	23.74	23.80	23.79	24.5	0.0
20	QPSK	1	53	23.66	23.70	23.64		
20	QPSK	1	104	23.71	23.76	23.67		
20	QPSK	50	0	23.18	23.22	23.05	23.5	1.0
20	QPSK	50	28	23.73	23.78	23.76	24.5	0.0
20	QPSK	50	56	22.98	23.02	22.87	23.5	1.0
20	QPSK	100	0	23.07	23.12	23.09		
20	16QAM	1	1	23.25	23.39	23.24	23.5	1.0
20	64QAM	1	1	21.77	21.91	21.76	22.0	2.5
20	256QAM	1	1	19.74	19.89	19.81	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.59	23.60	23.65	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.68	23.69	23.63	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.69	23.66	23.71	24.5	0.0

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

n14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		24.09		25.0	0.0
10	PI/2 BPSK	1	26		23.99			
10	PI/2 BPSK	1	50		23.89			
10	PI/2 BPSK	25	0		23.92		24.5	0.5
10	PI/2 BPSK	25	14		23.88		25.0	0.0
10	PI/2 BPSK	25	27		23.84		24.5	0.5
10	PI/2 BPSK	50	0		23.92			
10	QPSK	1	1		24.10		25.0	0.0
10	QPSK	1	26		23.94			
10	QPSK	1	50		23.96			
10	QPSK	25	0		23.93		24.0	1.0
10	QPSK	25	14		24.06		25.0	0.0
10	QPSK	25	27		23.01		24.0	1.0
10	QPSK	50	0		23.08			
10	16QAM	1	1		23.06		24.0	1.0
10	64QAM	1	1		21.60		22.5	2.5
10	256QAM	1	1		19.52		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0

n25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.74	23.80	23.61	24.5	0.0
40	PI/2 BPSK	1	108	23.69	23.78	23.77		
40	PI/2 BPSK	1	214	23.70	23.81	23.62		
40	PI/2 BPSK	108	0	23.81	23.78	23.73	24.0	0.5
40	PI/2 BPSK	108	54	23.76	23.76	23.67	24.5	0.0
40	PI/2 BPSK	108	108	23.68	23.76	23.79	24.0	0.5
40	PI/2 BPSK	216	0	23.72	23.83	23.72		
40	QPSK	1	1	23.70	23.88	23.77	24.5	0.0
40	QPSK	1	108	23.85	23.81	23.70		
40	QPSK	1	214	23.77	23.85	23.79		
40	QPSK	108	0	23.18	23.29	23.13	23.5	1.0
40	QPSK	108	54	23.68	23.78	23.75	24.5	0.0
40	QPSK	108	108	23.19	23.26	23.19	23.5	1.0
40	QPSK	216	0	23.22	23.36	23.20		
40	16QAM	1	1	23.49	23.46	23.40	23.5	1.0
40	64QAM	1	1	21.54	21.68	21.56	22.0	2.5
40	256QAM	1	1	19.51	19.71	19.57	20.0	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.61	23.74	23.58	24.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.59	23.69	23.71	24.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.63	23.70	23.68	24.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.66	23.84	23.62	24.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.60	23.79	23.58	24.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.56	23.77	23.68	24.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.64	23.81	23.64	24.5	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

n71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0

n2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.63	23.66	23.45	24.5	0.0
20	PI/2 BPSK	1	53	23.47	23.69	23.60		
20	PI/2 BPSK	1	104	23.48	23.71	23.61		
20	PI/2 BPSK	50	0	23.60	23.69	23.64	24.0	0.5
20	PI/2 BPSK	50	28	23.56	23.64	23.43	24.5	0.0
20	PI/2 BPSK	50	56	23.69	23.70	23.69	24.0	0.5
20	PI/2 BPSK	100	0	23.57	23.66	23.59		
20	QPSK	1	1	23.70	23.73	23.71	24.5	0.0
20	QPSK	1	53	23.64	23.70	23.58		
20	QPSK	1	104	23.67	23.66	23.43		
20	QPSK	50	0	23.14	23.19	23.16	23.5	1.0
20	QPSK	50	28	23.66	23.70	23.57	24.5	0.0
20	QPSK	50	56	23.00	23.01	22.95	23.5	1.0
20	QPSK	100	0	23.12	23.19	23.18		
20	16QAM	1	1	22.95	22.93	22.73	23.5	1.0
20	64QAM	1	1	21.41	21.58	21.56	22.0	2.5
20	256QAM	1	1	18.40	18.53	18.57	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.53	23.63	23.55	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.64	23.57	23.54	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.51	23.67	23.62	24.5	0.0

n25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.54	23.68	23.55	24.5	0.0
40	PI/2 BPSK	1	108	23.51	23.72	23.56		
40	PI/2 BPSK	1	214	23.66	23.69	23.50		
40	PI/2 BPSK	108	0	23.40	23.63	23.58	24.0	0.5
40	PI/2 BPSK	108	54	23.49	23.61	23.61	24.5	0.0
40	PI/2 BPSK	108	108	23.46	23.66	23.67	24.0	0.5
40	PI/2 BPSK	216	0	23.48	23.67	23.64		
40	QPSK	1	1	23.73	23.77	23.68	24.5	0.0
40	QPSK	1	108	23.64	23.74	23.65		
40	QPSK	1	214	23.74	23.72	23.63		
40	QPSK	108	0	22.97	23.16	23.08	23.5	1.0
40	QPSK	108	54	23.46	23.72	23.67	24.5	0.0
40	QPSK	108	108	22.82	22.94	22.72	23.5	1.0
40	QPSK	216	0	22.86	23.02	22.96		
40	16QAM	1	1	22.95	22.96	22.88	23.5	1.0
40	64QAM	1	1	21.49	21.57	21.40	22.0	2.5
40	256QAM	1	1	19.52	19.51	19.26	20.0	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.59	23.68	23.61	24.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.57	23.73	23.53	24.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.56	23.73	23.64	24.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.61	23.70	23.63	24.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.63	23.62	23.64	24.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.66	23.66	23.61	24.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.56	23.70	23.63	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.73	23.70	23.71	24.5	0.0
40	PI/2 BPSK	1	108	23.48	23.67	23.70		
40	PI/2 BPSK	1	214	23.50	23.71	23.48		
40	PI/2 BPSK	108	0	23.64	23.61	23.44	24.0	0.5
40	PI/2 BPSK	108	54	23.60	23.59	23.49	24.5	0.0
40	PI/2 BPSK	108	108	23.62	23.69	23.71	24.0	0.5
40	PI/2 BPSK	216	0	23.59	23.67	23.66		
40	QPSK	1	1	23.68	23.74	23.72	24.5	0.0
40	QPSK	1	108	23.47	23.69	23.52		
40	QPSK	1	214	23.64	23.72	23.48		
40	QPSK	108	0	23.07	23.21	22.99	23.5	1.0
40	QPSK	108	54	23.55	23.71	23.67	24.5	0.0
40	QPSK	108	108	23.22	23.24	23.01	23.5	1.0
40	QPSK	216	0	22.88	23.08	22.85		
40	16QAM	1	1	23.04	23.05	22.83	23.5	1.0
40	64QAM	1	1	21.56	21.58	21.59	22.0	2.5
40	256QAM	1	1	19.38	19.57	19.57	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.59	23.66	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.64	23.64	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.60	23.61	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.55	23.64	23.63	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.58	23.70	23.57	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.58	23.64	23.55	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.61	23.55	23.58	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0
100	PI/2 BPSK	1	137	21.25	21.36	21.22		
100	PI/2 BPSK	1	271	21.35	21.41	21.25		
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0
100	PI/2 BPSK	270	0	21.20	21.41	21.19		
100	QPSK	1	1	21.52	21.55	21.39	22.0	0.0
100	QPSK	1	137	21.24	21.42	21.28		
100	QPSK	1	271	21.41	21.49	21.48		
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0
100	QPSK	270	0	21.28	21.51	21.46		
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0
100	PI/2 BPSK	1	137	24.38	24.42	24.40		
100	PI/2 BPSK	1	271	24.35	24.38	24.27		
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74		
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0
100	QPSK	1	137	24.56	24.53	24.52		
100	QPSK	1	271	24.27	24.49	24.38		
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0
100	QPSK	270	0	23.52	23.54	23.53		
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.41	24.49	24.42	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.95	22.93	22.85	24.0	0.0
40	PI/2 BPSK	1	53	22.99	23.03	22.95		
40	PI/2 BPSK	1	104	22.93	23.16	23.07		
40	PI/2 BPSK	50	0	22.69	22.89	22.74	23.5	0.5
40	PI/2 BPSK	50	28	22.75	22.94	22.84	24.0	0.0
40	PI/2 BPSK	50	56	22.93	23.02	23.05	23.5	0.5
40	PI/2 BPSK	100	0	22.91	22.98	22.80		
40	QPSK	1	1	23.01	23.23	23.12	24.0	0.0
40	QPSK	1	53	23.09	23.15	22.91		
40	QPSK	1	104	23.09	23.22	23.06		
40	QPSK	50	0	22.55	22.75	22.70	23.0	1.0
40	QPSK	50	28	22.98	23.21	23.02	24.0	0.0
40	QPSK	50	56	21.99	22.07	21.90	23.0	1.0
40	QPSK	100	0	21.91	22.13	22.06		
40	16QAM	1	1	22.06	22.09	21.93	23.0	1.0
40	64QAM	1	1	20.47	20.63	20.61	21.5	2.5
40	256QAM	1	1	18.47	18.59	18.40	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.82	23.12	23.02	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.94	23.04	22.94	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.86	23.15	23.06	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	23.09	23.23	23.22	24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.21	23.24		
100	PI/2 BPSK	1	271	23.17	23.25	23.12		
100	PI/2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0
100	PI/2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0
100	PI/2 BPSK	270	0	23.02	23.27	23.26		
100	QPSK	1	1	23.24	23.36	23.32	24.0	0.0
100	QPSK	1	137	23.20	23.28	23.04		
100	QPSK	1	271	23.26	23.29	23.27		
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0
100	QPSK	270	0	23.12	23.22	23.01		
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.15	23.31	23.26	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	23.12	23.30	23.28	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.05	23.31	23.18	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	23.16	23.20	23.15	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.07	23.24	23.20	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	23.11	23.30	23.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.16	23.24	23.23	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	26.14	26.21	25.97	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.23	26.15		
100	PI/2 BPSK	1	271	26.08	26.21	26.00		
100	PI/2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5
100	PI/2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5
100	PI/2 BPSK	270	0	25.69	25.83	25.68		
100	QPSK	1	1	26.19	26.36	26.35	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.07		
100	QPSK	1	271	26.17	26.31	26.26		
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0
100	QPSK	270	0	25.23	25.33	25.28		
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.12	26.31	26.28	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.14		24.0	0.0
100	PI/2 BPSK	135	69		23.15		24.0	0.0
100	PI/2 BPSK	135	138		23.17		24.0	0.0
100	PI/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		23.16			
100	QPSK	1	271		23.17			
100	QPSK	135	0		23.17		24.0	0.0
100	QPSK	135	69		23.23		24.0	0.0
100	QPSK	135	138		23.01		24.0	0.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		23.10		24.0	0.0
100	64QAM	1	1		23.09		24.0	0.0
100	256QAM	1	1		20.94		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.15			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.67		26.5	0.5
100	PI/2 BPSK	135	69		26.07		27.0	0.0
100	PI/2 BPSK	135	138		25.69		26.5	0.5
100	PI/2 BPSK	270	0		25.68			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.34		26.0	1.0
100	QPSK	135	69		26.20		27.0	0.0
100	QPSK	135	138		25.11		26.0	1.0
100	QPSK	270	0		25.25			
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.65		24.5	2.5
100	256QAM	1	1		21.65		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.09	26.18	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.36	22.32	22.47		
100	PI/2 BPSK	1	271	22.36	22.46	22.48		
100	PI/2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0
100	PI/2 BPSK	270	0	22.32	22.42	22.31		
100	QPSK	1	1	22.49	22.52	22.45	23.5	0.0
100	QPSK	1	137	22.28	22.34	22.40		
100	QPSK	1	271	22.38	22.34	22.44		
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0
100	QPSK	270	0	22.39	22.44	22.31		
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3684.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.37		24.0	0.0
100	PI/2 BPSK	1	137		23.39			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.25		23.5	0.5
100	PI/2 BPSK	270	0		23.32			
100	QPSK	1	1		23.48		24.0	0.0
100	QPSK	1	137		23.35			
100	QPSK	1	271		23.40			
100	QPSK	135	0		22.77		23.0	1.0
100	QPSK	135	69		23.43		24.0	0.0
100	QPSK	135	138		22.61		23.0	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.58		23.0	1.0
100	64QAM	1	1		21.22		21.5	2.5
100	256QAM	1	1		19.27		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.39	23.42	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	23.30	23.30	23.31	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.33	23.36	23.44	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	23.32	23.29	23.41	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	23.37	23.37	23.41	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.42	23.41	23.31	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	23.40	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	23.42	23.43	23.36	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.41			
100	PI/2 BPSK	135	0		23.03		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.09		23.5	0.5
100	PI/2 BPSK	270	0		22.91			
100	QPSK	1	1		23.46		24.0	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.37			
100	QPSK	135	0		22.83		23.0	1.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		22.58		23.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.71		23.0	1.0
100	64QAM	1	1		21.32		21.5	2.5
100	256QAM	1	1		19.38		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.42	22.42	22.42		
100	PI/2 BPSK	1	271	22.41	22.30	22.29		
100	PI/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0
100	PI/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0
100	PI/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0
100	PI/2 BPSK	270	0	22.48	22.47	22.37		
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
100	QPSK	1	137	22.37	22.44	22.41		
100	QPSK	1	271	22.33	22.36	22.33		
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5
100	QPSK	270	0	21.96	22.09	21.97		
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.24	22.39	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.32	23.13	24.0	0.0
40	PI/2 BPSK	1	53	23.23	23.29	23.12		
40	PI/2 BPSK	1	104	23.10	23.31	23.19		
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0
40	PI/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5
40	PI/2 BPSK	100	0	23.09	23.28	23.29		
40	QPSK	1	1	23.33	23.34	23.22	24.0	0.0
40	QPSK	1	53	23.22	23.32	23.23		
40	QPSK	1	104	23.10	23.33	23.32		
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0
40	QPSK	50	56	22.61	22.68	22.53	23.0	1.0
40	QPSK	100	0	22.64	22.71	22.55		
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5
40	256QAM	1	1	19.13	19.32	19.24	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	23.28	23.25	23.08	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.98	23.13	23.11	24.0	0.0
100	PI/2 BPSK	1	137	23.14	23.21	23.24		
100	PI/2 BPSK	1	271	23.26	23.30	23.19		
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.23	23.03		
100	QPSK	1	1	23.31	23.36	23.22	24.0	0.0
100	QPSK	1	137	23.16	23.23	23.12		
100	QPSK	1	271	23.14	23.33	23.28		
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0
100	QPSK	135	138	23.19	23.31	23.16	24.0	0.0
100	QPSK	270	0	23.28	23.31	23.23		
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.29	23.17	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	23.25	23.26	23.16	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.19	23.32	23.08	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	23.17	23.23	23.12	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	23.13	23.24	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.25	23.26	23.05	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	23.22	23.24	23.18	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	23.19	23.29	23.10	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	23.21	23.31	23.12	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	23.16	23.19	23.17	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.02	26.26	26.01	27.0	0.0
100	PI/2 BPSK	1	137	26.00	26.17	26.01		
100	PI/2 BPSK	1	271	26.06	26.20	26.21		
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5
100	PI/2 BPSK	270	0	26.02	26.20	26.15		
100	QPSK	1	1	26.21	26.34	26.20	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.15		
100	QPSK	1	271	26.20	26.23	26.15		
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0
100	QPSK	270	0	25.32	25.54	25.32		
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.16	26.08	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.05	26.28	26.10	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.33	18.43	18.22	20.0	0.0
100	PI/2 BPSK	1	137	18.28	18.47	18.31		
100	PI/2 BPSK	1	271	18.08	18.18	18.09		
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0
100	PI/2 BPSK	270	0	18.26	18.27	18.09		
100	QPSK	1	1	18.43	18.59	18.39	20.0	0.0
100	QPSK	1	137	18.48	18.44	18.44		
100	QPSK	1	271	18.06	18.28	18.22		
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0
100	QPSK	270	0	18.19	18.33	18.24		
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.28	21.32	21.21	23.0	0.0
100	PI/2 BPSK	1	137	21.46	21.44	21.29		
100	PI/2 BPSK	1	271	21.53	21.75	21.62		
100	PI/2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5
100	PI/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0
100	PI/2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5
100	PI/2 BPSK	270	0	20.89	20.94	20.87		
100	QPSK	1	1	21.81	21.85	21.70	23.0	0.0
100	QPSK	1	137	21.40	21.47	21.42		
100	QPSK	1	271	21.62	21.78	21.58		
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0
100	QPSK	270	0	20.49	20.64	20.47		
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.76	21.68	21.65	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	21.62	21.70	21.55	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.80	21.56	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	21.72	21.66	21.65	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	21.62	21.72	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.73	21.76	21.54	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	21.61	21.74	21.52	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	21.76	21.69	21.64	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.69	21.73	21.56	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.32		20.0	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.43		20.0	0.0
100	PI/2 BPSK	135	69		18.51		20.0	0.0
100	PI/2 BPSK	135	138		18.25		20.0	0.0
100	PI/2 BPSK	270	0		18.21			
100	QPSK	1	1		18.54		20.0	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.11		20.0	0.0
100	QPSK	135	69		18.52		20.0	0.0
100	QPSK	135	138		18.36		20.0	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.23		20.0	0.0
100	64QAM	1	1		18.19		20.0	0.0
100	256QAM	1	1		17.06		18.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.34	18.41	18.49	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.30		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		20.95		22.5	0.5
100	PI/2 BPSK	135	69		21.41		23.0	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.5
100	PI/2 BPSK	270	0		20.86			
100	QPSK	1	1		21.79		23.0	0.0
100	QPSK	1	137		21.54			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.18		22.0	1.0
100	QPSK	135	69		21.46		23.0	0.0
100	QPSK	135	138		20.38		22.0	1.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.46		22.0	1.0
100	64QAM	1	1		18.89		20.5	2.5
100	256QAM	1	1		16.65		18.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.60	21.69	21.70	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.68	21.68	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.60	21.69	21.63	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15		
100	PI/2 BPSK	1	271	17.81	17.89	17.74		
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26		
100	QPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	QPSK	1	137	18.29	18.38	18.35		
100	QPSK	1	271	17.94	18.07	18.03		
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0
100	QPSK	270	0	18.25	18.36	18.21		
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.30	18.36	18.42	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0
100	PI/2 BPSK	1	137	22.49	22.63	22.48		
100	PI/2 BPSK	1	271	22.63	22.61	22.40		
100	PI/2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0
100	PI/2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0
100	PI/2 BPSK	270	0	22.57	22.75	22.55		
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0
100	QPSK	1	137	22.64	22.71	22.52		
100	QPSK	1	271	22.44	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0
100	QPSK	270	0	22.72	22.83	22.79		
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0
100	PI/2 BPSK	1	137	25.35	25.52	25.48		
100	PI/2 BPSK	1	271	25.25	25.44	25.41		
100	PI/2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.86	25.05	24.84		
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.28	25.44	25.38		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0
100	QPSK	270	0	24.70	24.73	24.62		
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.62	25.40	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	19.26	19.26	19.17		
100	PI/2 BPSK	1	137	18.99	19.09	19.08	20.0	0.0
100	PI/2 BPSK	1	271	19.28	19.26	19.08		
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0
100	PI/2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26		
100	QPSK	1	137	18.89	19.12	18.93	20.0	0.0
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
	Channel			649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.29	19.07	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	19.01	19.25	19.20	20.0	0.0
	Channel			649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	18.99	19.17	19.20	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	19.04	19.18	19.15	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	19.00	19.32	19.15	20.0	0.0
	Channel			648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	18.99	19.32	19.10	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	19.02	19.24	19.18	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	19.14	19.19	19.14	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	19.14	19.19	19.09	20.0	0.0
	Channel			647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.84	22.08	21.85		
100	PI/2 BPSK	1	137	21.77	22.02	21.82	23.0	0.0
100	PI/2 BPSK	1	271	21.94	22.16	22.09		
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5
100	PI/2 BPSK	270	0	21.44	21.45	21.27		
100	QPSK	1	1	22.10	22.17	22.03		
100	QPSK	1	137	21.85	22.00	22.04	23.0	0.0
100	QPSK	1	271	21.90	22.15	22.08		
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0
100	QPSK	270	0	21.01	21.09	20.93		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5
	Channel			649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	22.03	22.08	21.95	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	22.11	21.91	23.0	0.0
	Channel			649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0
	Channel			648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	1	22.04	22.02	21.92	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	21.96	22.07	21.87	23.0	0.0
	Channel			648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0
	Channel			647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	1	21.99	22.08	21.98	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	21.97	22.03	21.84	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	21.98	22.11	21.89	23.0	0.0
	Channel			647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	21.93	22.11	21.98	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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.94			
100	PI/2 BPSK	1	137		17.98		19.0	0.0
100	PI/2 BPSK	1	271		18.14			
100	PI/2 BPSK	135	0		17.98		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		18.12		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.34			
100	QPSK	1	137		18.08		19.0	0.0
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.31		19.0	0.0
100	QPSK	135	138		18.15		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.11		19.0	0.0
100	64QAM	1	1		16.98		17.5	1.5
100	256QAM	1	1		15.49		16.0	3.0
	Channel			633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3499.98	3505.02		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0
	Channel			632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.30	18.19	19.0	0.0
	Channel			632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3515.01		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0
	Channel			632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3499.98	3520.02		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0
	Channel			631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0
	Channel			631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3530.01		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0
	Channel			631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3499.98	3535.02		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0
	Channel			630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0
	Channel			630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.52		
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0
	Channel			630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3545.01		
10	QPSK	1	1	18.27	18.15	18.25	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.84		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		20.34		21.5	0.5
100	PI/2 BPSK	135	69		20.89		22.0	0.0
100	PI/2 BPSK	135	138		20.52		21.5	0.5
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		21.21			
100	QPSK	135	0		19.82		21.0	1.0
100	QPSK	135	69		21.16		22.0	0.0
100	QPSK	135	138		19.97		21.0	1.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.95		21.0	1.0
100	64QAM	1	1		18.40		19.5	2.5
100	256QAM	1	1		16.34		17.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.07	21.11	21.19	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.90	18.88		
100	PI/2 BPSK	1	271	18.99	19.07	19.01		
100	PI/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0
100	PI/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.86	18.83		
100	QPSK	1	1	19.00	19.12	19.07	20.0	0.0
100	QPSK	1	137	18.51	18.69	18.54		
100	QPSK	1	271	18.99	19.10	18.95		
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0	18.90	19.03	18.85		
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.06	18.96	19.06	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.89	23.87	23.69	25.0	0.0
100	PI/2 BPSK	1	137	23.72	23.72	23.74		
100	PI/2 BPSK	1	271	23.54	23.75	23.54		
100	PI/2 BPSK	135	0	23.71	23.82	23.78	25.0	0.0
100	PI/2 BPSK	135	69	23.52	23.72	23.62	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.65	23.41	25.0	0.0
100	PI/2 BPSK	270	0	23.83	23.81	23.84		
100	QPSK	1	1	23.94	23.96	23.81	25.0	0.0
100	QPSK	1	137	23.77	23.81	23.56		
100	QPSK	1	271	23.82	23.82	23.64		
100	QPSK	135	0	23.72	23.85	23.81	25.0	0.0
100	QPSK	135	69	23.66	23.91	23.68	25.0	0.0
100	QPSK	135	138	23.58	23.72	23.61	25.0	0.0
100	QPSK	270	0	23.58	23.84	23.77		
100	16QAM	1	1	23.79	23.85	23.79	25.0	0.0
100	64QAM	1	1	23.65	23.78	23.76	25.0	0.0
100	256QAM	1	1	22.36	22.41	22.39	23.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.81	23.89	23.72	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.90	23.91	23.62	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.77	23.92	23.63	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.78	23.91	23.61	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.79	23.81	23.71	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.80	23.82	23.77	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.76	23.81	23.76	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.79	23.85	23.73	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.86	23.77	23.76	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.85	23.80	23.64	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.59	26.84	26.66	28.0	0.0
100	PI/2 BPSK	1	137	26.53	26.71	26.49		
100	PI/2 BPSK	1	271	26.52	26.69	26.70		
100	PI/2 BPSK	135	0	26.64	26.75	26.73	27.5	0.5
100	PI/2 BPSK	135	69	26.67	26.67	26.47	28.0	0.0
100	PI/2 BPSK	135	138	26.62	26.62	26.62	27.5	0.5
100	PI/2 BPSK	270	0	26.64	26.77	26.56		
100	QPSK	1	1	26.92	26.97	26.85	28.0	0.0
100	QPSK	1	137	26.71	26.74	26.47		
100	QPSK	1	271	26.58	26.71	26.64		
100	QPSK	135	0	26.62	26.69	26.51	27.0	1.0
100	QPSK	135	69	26.89	26.91	26.85	28.0	0.0
100	QPSK	135	138	25.38	25.42	25.24	27.0	1.0
100	QPSK	270	0	25.56	25.89	25.32		
100	16QAM	1	1	25.49	25.55	25.56	27.0	1.0
100	64QAM	1	1	24.01	24.19	24.02	25.5	2.5
100	256QAM	1	1	22.45	22.51	22.26	23.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.84	26.77	26.66	28.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.73	26.81	26.76	28.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.72	26.79	26.72	28.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.76	26.85	26.72	28.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.82	26.83	26.78	28.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.86	26.86	26.72	28.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.83	26.77	26.70	28.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.81	26.83	26.75	28.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.79	26.77	26.76	28.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.79	26.75	26.69	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.50	22.73	22.64	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.56	22.47		
100	PI/2 BPSK	1	271	22.49	22.61	22.56		
100	PI/2 BPSK	135	0	22.55	22.64	22.39	24.0	0.0
100	PI/2 BPSK	135	69	22.53	22.49	22.52	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.48	22.45	24.0	0.0
100	PI/2 BPSK	270	0	22.53	22.56	22.33		
100	QPSK	1	1	22.75	22.76	22.69	24.0	0.0
100	QPSK	1	137	22.41	22.63	22.43		
100	QPSK	1	271	22.60	22.68	22.51		
100	QPSK	135	0	22.67	22.64	22.40	24.0	0.0
100	QPSK	135	69	22.55	22.68	22.49	24.0	0.0
100	QPSK	135	138	22.17	22.24	22.01	24.0	0.0
100	QPSK	270	0	22.60	22.63	22.56		
100	16QAM	1	1	22.59	22.67	22.45	24.0	0.0
100	64QAM	1	1	21.14	21.18	20.97	22.5	1.5
100	256QAM	1	1	19.50	19.61	19.62	21.0	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.57	22.72	22.54	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.63	22.66	22.52	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.64	22.70	22.61	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	22.61	22.71	22.61	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	22.60	22.59	22.59	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.60	22.68	22.58	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.68	22.59	22.52	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	22.64	22.58	22.64	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.70	22.56	22.59	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.68	22.56	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.68	25.79	25.60	27.0	0.0
100	PI/2 BPSK	1	137	25.78	25.76	25.71		
100	PI/2 BPSK	1	271	25.59	25.64	25.57		
100	PI/2 BPSK	135	0	25.42	25.37	25.22	26.5	0.5
100	PI/2 BPSK	135	69	25.59	25.71	25.61	27.0	0.0
100	PI/2 BPSK	135	138	24.88	25.07	24.86	26.5	0.5
100	PI/2 BPSK	270	0	25.07	25.29	25.04		
100	QPSK	1	1	25.65	25.81	25.75	27.0	0.0
100	QPSK	1	137	25.30	25.46	25.22		
100	QPSK	1	271	25.68	25.66	25.52		
100	QPSK	135	0	24.65	24.84	24.62	26.0	1.0
100	QPSK	135	69	25.71	25.80	25.78	27.0	0.0
100	QPSK	135	138	24.32	24.56	24.54	26.0	1.0
100	QPSK	270	0	24.53	24.71	24.57		
100	16QAM	1	1	24.99	25.02	24.87	26.0	1.0
100	64QAM	1	1	22.61	22.59	22.64	24.5	2.5
100	256QAM	1	1	21.50	21.64	21.68	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.56	25.63	25.71	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.53	25.63	25.58	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.51	25.74	25.61	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.55	25.69	25.61	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.54	25.71	25.57	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.55	25.69	25.60	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.46	25.70	25.68	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.60	25.63	25.69	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.58	25.67	25.67	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.47	25.62	25.71	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.95		24.0	0.0
100	PI/2 BPSK	1	137		22.78			
100	PI/2 BPSK	1	271		23.03			
100	PI/2 BPSK	135	0		22.86		24.0	0.0
100	PI/2 BPSK	135	69		22.71		24.0	0.0
100	PI/2 BPSK	135	138		22.70		24.0	0.0
100	PI/2 BPSK	270	0		22.78			
100	QPSK	1	1		23.08		24.0	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.86		24.0	0.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		22.46		24.0	0.0
100	QPSK	270	0		23.02			
100	16QAM	1	1		22.98		24.0	0.0
100	64QAM	1	1		21.40		22.5	1.5
100	256QAM	1	1		20.13		21.0	3.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	22.82	22.91	22.95	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.82	22.88	22.92	24.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	22.86	22.95	22.92	24.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	22.89	22.95	22.91	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.84	23.02	23.00	24.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	22.91	22.95	22.85	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	22.89	22.97	22.88	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.90	22.93	22.97	24.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	22.82	22.92	22.95	24.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	22.83	22.92	22.93	24.0	0.0

Part27Q n77 PC2 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.94		27.0	0.0
100	PI/2 BPSK	1	137		25.91			
100	PI/2 BPSK	1	271		25.79			
100	PI/2 BPSK	135	0		25.52		26.5	0.5
100	PI/2 BPSK	135	69		25.86		27.0	0.0
100	PI/2 BPSK	135	138		25.22		26.5	0.5
100	PI/2 BPSK	270	0		25.44			
100	QPSK	1	1		26.06		27.0	0.0
100	QPSK	1	137		26.01			
100	QPSK	1	271		25.81			
100	QPSK	135	0		24.99		26.0	1.0
100	QPSK	135	69		25.95		27.0	0.0
100	QPSK	135	138		24.71		26.0	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		25.17		26.0	1.0
100	64QAM	1	1		22.74		24.5	2.5
100	256QAM	1	1		21.79		22.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	25.83	26.00	25.87	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.95	25.88	25.93	27.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	25.85	25.96	25.88	27.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	25.96	25.95	25.94	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.88	26.02	25.92	27.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	25.82	26.01	25.96	27.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	25.85	25.92	25.95	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.92	25.95	25.93	27.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	25.94	25.98	25.98	27.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	25.90	25.89	25.91	27.0	0.0

Part96 n77 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.40	22.20	22.35	23.5	0.0
100	PI/2 BPSK	1	137	22.24	22.26	22.30		
100	PI/2 BPSK	1	271	22.33	22.43	22.43		
100	PI/2 BPSK	135	0	22.38	22.40	22.33	23.5	0.0
100	PI/2 BPSK	135	69	22.24	22.34	22.33	23.5	0.0
100	PI/2 BPSK	135	138	22.32	22.41	22.28	23.5	0.0
100	PI/2 BPSK	270	0	22.18	22.35	22.15		
100	QPSK	1	1	22.43	22.47	22.41	23.5	0.0
100	QPSK	1	137	22.18	22.30	22.32		
100	QPSK	1	271	22.36	22.20	22.28		
100	QPSK	135	0	22.28	22.34	22.26	23.5	0.0
100	QPSK	135	69	22.32	22.43	22.39	23.5	0.0
100	QPSK	135	138	22.21	22.30	22.25	23.5	0.0
100	QPSK	270	0	22.32	22.41	22.21		
100	16QAM	1	1	22.25	22.32	22.35	23.5	0.0
100	64QAM	1	1	22.39	22.28	22.26	23.5	0.0
100	256QAM	1	1	22.12	22.43	22.20	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.37	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0

Reduced Power Mode for DSI1 Standalone

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.64	21.71	21.60	22.5	0.0
20	PI/2 BPSK	1	53	21.53	21.41	21.55		
20	PI/2 BPSK	1	104	21.59	21.43	21.29		
20	PI/2 BPSK	50	0	21.45	21.52	21.63	22.5	0.0
20	PI/2 BPSK	50	28	21.56	21.50	21.36	22.5	0.0
20	PI/2 BPSK	50	56	21.62	21.60	21.58	22.5	0.0
20	PI/2 BPSK	100	0	21.42	21.52	21.70		
20	QPSK	1	1	21.85	21.89	21.84	22.5	0.0
20	QPSK	1	53	21.60	21.62	21.46		
20	QPSK	1	104	21.79	21.47	21.36		
20	QPSK	50	0	21.59	21.84	21.75	22.5	0.0
20	QPSK	50	28	21.67	21.85	21.67	22.5	0.0
20	QPSK	50	56	21.54	21.63	21.47	22.5	0.0
20	QPSK	100	0	21.59	21.81	21.41		
20	16QAM	1	1	21.45	21.66	21.48	22.5	0.0
20	64QAM	1	1	21.81	21.79	21.86	22.0	0.5
20	256QAM	1	1	19.74	19.89	19.81	20.0	2.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.62	21.73	21.60	22.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.63	21.84	21.69	22.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.64	21.70	21.58	22.5	0.0

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

n14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		24.09		25.0	0.0
10	PI/2 BPSK	1	26		23.99			
10	PI/2 BPSK	1	50		23.89			
10	PI/2 BPSK	25	0		23.92		24.5	0.5
10	PI/2 BPSK	25	14		23.88		25.0	0.0
10	PI/2 BPSK	25	27		23.84		24.5	0.5
10	PI/2 BPSK	50	0		23.92			
10	QPSK	1	1		24.10		25.0	0.0
10	QPSK	1	26		23.94			
10	QPSK	1	50		23.96			
10	QPSK	25	0		23.93		24.0	1.0
10	QPSK	25	14		24.06		25.0	0.0
10	QPSK	25	27		23.01		24.0	1.0
10	QPSK	50	0		23.08			
10	16QAM	1	1		23.06		24.0	1.0
10	64QAM	1	1		21.60		22.5	2.5
10	256QAM	1	1		19.52		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0

n25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.75	21.59	21.62	22.5	0.0
40	PI/2 BPSK	1	108	21.45	21.48	21.57		
40	PI/2 BPSK	1	214	21.49	21.49	21.30		
40	PI/2 BPSK	108	0	21.38	21.55	21.57	22.5	0.0
40	PI/2 BPSK	108	54	21.53	21.52	21.24	22.5	0.0
40	PI/2 BPSK	108	108	21.74	21.52	21.69	22.5	0.0
40	PI/2 BPSK	216	0	21.44	21.48	21.75		
40	QPSK	1	1	21.85	21.92	21.88	22.5	0.0
40	QPSK	1	108	21.54	21.68	21.42		
40	QPSK	1	214	21.87	21.49	21.26		
40	QPSK	108	0	21.71	21.88	21.74	22.5	0.0
40	QPSK	108	54	21.59	21.81	21.71	22.5	0.0
40	QPSK	108	108	21.43	21.72	21.48	22.5	0.0
40	QPSK	216	0	21.50	21.86	21.39		
40	16QAM	1	1	21.37	21.70	21.44	22.5	0.0
40	64QAM	1	1	21.54	21.68	21.56	22.0	0.5
40	256QAM	1	1	19.51	19.71	19.57	20.0	2.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.68	21.89	21.73	22.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.79	21.79	21.67	22.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.63	21.70	21.83	22.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.76	21.79	21.79	22.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.79	21.74	21.68	22.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.68	21.77	21.70	22.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.71	21.83	21.84	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0
100	PI/2 BPSK	1	137	21.25	21.36	21.22		
100	PI/2 BPSK	1	271	21.35	21.41	21.25		
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0
100	PI/2 BPSK	270	0	21.20	21.41	21.19		
100	QPSK	1	1	21.52	21.55	21.39	22.0	0.0
100	QPSK	1	137	21.24	21.42	21.28		
100	QPSK	1	271	21.41	21.49	21.48		
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0
100	QPSK	270	0	21.28	21.51	21.46		
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0
100	PI/2 BPSK	1	137	24.38	24.42	24.40		
100	PI/2 BPSK	1	271	24.35	24.38	24.27		
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74		
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0
100	QPSK	1	137	24.56	24.53	24.52		
100	QPSK	1	271	24.27	24.49	24.38		
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0
100	QPSK	270	0	23.52	23.54	23.53		
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.41	24.49	24.42	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.95	22.93	22.85	24.0	0.0
40	PI/2 BPSK	1	53	22.99	23.03	22.95		
40	PI/2 BPSK	1	104	22.93	23.16	23.07		
40	PI/2 BPSK	50	0	22.69	22.89	22.74	23.5	0.5
40	PI/2 BPSK	50	28	22.75	22.94	22.84	24.0	0.0
40	PI/2 BPSK	50	56	22.93	23.02	23.05	23.5	0.5
40	PI/2 BPSK	100	0	22.91	22.98	22.80		
40	QPSK	1	1	23.01	23.23	23.12	24.0	0.0
40	QPSK	1	53	23.09	23.15	22.91		
40	QPSK	1	104	23.09	23.22	23.06		
40	QPSK	50	0	22.55	22.75	22.70	23.0	1.0
40	QPSK	50	28	22.98	23.21	23.02	24.0	0.0
40	QPSK	50	56	21.99	22.07	21.90	23.0	1.0
40	QPSK	100	0	21.91	22.13	22.06		
40	16QAM	1	1	22.06	22.09	21.93	23.0	1.0
40	64QAM	1	1	20.47	20.63	20.61	21.5	2.5
40	256QAM	1	1	18.47	18.59	18.40	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.82	23.12	23.02	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.94	23.04	22.94	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.86	23.15	23.06	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	23.09	23.23	23.22	24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.21	23.24		
100	PI/2 BPSK	1	271	23.17	23.25	23.12		
100	PI/2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0
100	PI/2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0
100	PI/2 BPSK	270	0	23.02	23.27	23.26		
100	QPSK	1	1	23.24	23.36	23.32	24.0	0.0
100	QPSK	1	137	23.20	23.28	23.04		
100	QPSK	1	271	23.26	23.29	23.27		
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0
100	QPSK	270	0	23.12	23.22	23.01		
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.15	23.31	23.26	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	23.12	23.30	23.28	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.05	23.31	23.18	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	23.16	23.20	23.15	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.07	23.24	23.20	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	23.11	23.30	23.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.16	23.24	23.23	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	26.14	26.21	25.97	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.23	26.15		
100	PI/2 BPSK	1	271	26.08	26.21	26.00		
100	PI/2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5
100	PI/2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5
100	PI/2 BPSK	270	0	25.69	25.83	25.68		
100	QPSK	1	1	26.19	26.36	26.35	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.07		
100	QPSK	1	271	26.17	26.31	26.26		
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0
100	QPSK	270	0	25.23	25.33	25.28		
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.12	26.31	26.28	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.14		24.0	0.0
100	PI/2 BPSK	135	69		23.15		24.0	0.0
100	PI/2 BPSK	135	138		23.17		24.0	0.0
100	PI/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		23.16			
100	QPSK	1	271		23.17			
100	QPSK	135	0		23.17		24.0	0.0
100	QPSK	135	69		23.23		24.0	0.0
100	QPSK	135	138		23.01		24.0	0.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		23.10		24.0	0.0
100	64QAM	1	1		23.09		24.0	0.0
100	256QAM	1	1		20.94		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.15			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.67		26.5	0.5
100	PI/2 BPSK	135	69		26.07		27.0	0.0
100	PI/2 BPSK	135	138		25.69		26.5	0.5
100	PI/2 BPSK	270	0		25.68			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.34		26.0	1.0
100	QPSK	135	69		26.20		27.0	0.0
100	QPSK	135	138		25.11		26.0	1.0
100	QPSK	270	0		25.25			
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.65		24.5	2.5
100	256QAM	1	1		21.65		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.09	26.18	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.36	22.32	22.47		
100	PI/2 BPSK	1	271	22.36	22.46	22.48		
100	PI/2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0
100	PI/2 BPSK	270	0	22.32	22.42	22.31		
100	QPSK	1	1	22.49	22.52	22.45	23.5	0.0
100	QPSK	1	137	22.28	22.34	22.40		
100	QPSK	1	271	22.38	22.34	22.44		
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0
100	QPSK	270	0	22.39	22.44	22.31		
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3684.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.37		24.0	0.0
100	PI/2 BPSK	1	137		23.39			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.25		23.5	0.5
100	PI/2 BPSK	270	0		23.32			
100	QPSK	1	1		23.48		24.0	0.0
100	QPSK	1	137		23.35			
100	QPSK	1	271		23.40			
100	QPSK	135	0		22.77		23.0	1.0
100	QPSK	135	69		23.43		24.0	0.0
100	QPSK	135	138		22.61		23.0	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.58		23.0	1.0
100	64QAM	1	1		21.22		21.5	2.5
100	256QAM	1	1		19.27		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.39	23.42	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	23.30	23.30	23.31	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.33	23.36	23.44	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	23.32	23.29	23.41	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	23.37	23.37	23.41	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.42	23.41	23.31	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	23.40	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	23.42	23.43	23.36	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.41			
100	PI/2 BPSK	135	0		23.03		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.09		23.5	0.5
100	PI/2 BPSK	270	0		22.91			
100	QPSK	1	1		23.46		24.0	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.37			
100	QPSK	135	0		22.83		23.0	1.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		22.58		23.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.71		23.0	1.0
100	64QAM	1	1		21.32		21.5	2.5
100	256QAM	1	1		19.38		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.42	22.42	22.42		
100	PI/2 BPSK	1	271	22.41	22.30	22.29		
100	PI/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0
100	PI/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0
100	PI/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0
100	PI/2 BPSK	270	0	22.48	22.47	22.37		
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
100	QPSK	1	137	22.37	22.44	22.41		
100	QPSK	1	271	22.33	22.36	22.33		
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5
100	QPSK	270	0	21.96	22.09	21.97		
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.24	22.39	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.75	22.78	22.73	23.5	0.0
40	PI/2 BPSK	1	53	22.69	22.76	22.85		
40	PI/2 BPSK	1	104	22.86	22.89	22.84		
40	PI/2 BPSK	50	0	22.75	22.70	22.66	23.5	0.0
40	PI/2 BPSK	50	28	22.87	22.88	22.76	23.5	0.0
40	PI/2 BPSK	50	56	22.89	22.90	22.73	23.5	0.0
40	PI/2 BPSK	100	0	22.72	22.87	22.72		
40	QPSK	1	1	22.67	22.93	22.90	23.5	0.0
40	QPSK	1	53	22.72	22.70	22.83		
40	QPSK	1	104	22.68	22.73	22.79		
40	QPSK	50	0	22.73	22.74	22.82	23.0	0.5
40	QPSK	50	28	22.85	22.91	22.87	23.5	0.0
40	QPSK	50	56	22.51	22.58	22.43	23.0	0.5
40	QPSK	100	0	22.54	22.61	22.45		
40	16QAM	1	1	22.65	22.75	22.64	23.0	0.5
40	64QAM	1	1	21.12	21.22	21.12	21.5	2.0
40	256QAM	1	1	19.03	19.22	19.14	19.5	4.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.70	22.82	22.83	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.68	22.77	22.76	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.74	22.82	22.81	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.73	22.78	22.78	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.75	22.92	22.79	23.5	0.0
100	PI/2 BPSK	1	137	22.85	22.77	22.88		
100	PI/2 BPSK	1	271	22.76	22.68	22.76		
100	PI/2 BPSK	135	0	22.66	22.87	22.92	23.5	0.0
100	PI/2 BPSK	135	69	22.72	22.90	22.87	23.5	0.0
100	PI/2 BPSK	135	138	22.82	22.70	22.82	23.5	0.0
100	PI/2 BPSK	270	0	22.84	22.69	22.85		
100	QPSK	1	1	22.86	22.94	22.91	23.5	0.0
100	QPSK	1	137	22.70	22.89	22.68		
100	QPSK	1	271	22.68	22.78	22.85		
100	QPSK	135	0	22.78	22.71	22.84	23.5	0.0
100	QPSK	135	69	22.87	22.91	22.81	23.5	0.0
100	QPSK	135	138	22.87	22.73	22.89	23.5	0.0
100	QPSK	270	0	22.82	22.86	22.72		
100	16QAM	1	1	22.82	22.71	22.72	23.5	0.0
100	64QAM	1	1	22.74	22.91	22.82	23.5	0.0
100	256QAM	1	1	22.26	22.24	22.27	22.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.79	22.85	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.75	22.79	22.78	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.67	22.85	22.74	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.78	22.72	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.76	22.83	22.73	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.78	22.86	22.82	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.70	22.77	22.74	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.80	22.81	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.67	22.82	22.74	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.75	22.84	22.84	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.72	25.70	25.86	26.5	0.0
100	PI/2 BPSK	1	137	25.84	25.78	25.82		
100	PI/2 BPSK	1	271	25.86	25.89	25.89		
100	PI/2 BPSK	135	0	25.82	25.81	25.79	26.5	0.0
100	PI/2 BPSK	135	69	25.86	25.72	25.64	26.5	0.0
100	PI/2 BPSK	135	138	25.70	25.86	25.71	26.5	0.0
100	PI/2 BPSK	270	0	25.84	25.78	25.89		
100	QPSK	1	1	25.87	25.92	25.90	26.5	0.0
100	QPSK	1	137	25.81	25.71	25.77		
100	QPSK	1	271	25.83	25.86	25.70		
100	QPSK	135	0	25.32	25.41	25.33	26.0	0.5
100	QPSK	135	69	25.83	25.88	25.72	26.5	0.0
100	QPSK	135	138	25.36	25.54	25.31	26.0	0.5
100	QPSK	270	0	25.14	25.36	25.14		
100	16QAM	1	1	25.36	25.34	25.18	26.0	0.5
100	64QAM	1	1	22.76	22.74	22.68	24.5	2.0
100	256QAM	1	1	21.54	21.59	21.47	22.5	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.76	25.84	25.72	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.67	25.79	25.78	26.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.68	25.82	25.77	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.76	25.80	25.86	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.68	25.81	25.70	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.79	25.86	25.70	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.77	25.80	25.79	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.80	25.79	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.80	25.77	25.81	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.71	25.80	25.81	26.5	0.0

Part27O n77 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.33	18.43	18.22	20.0	0.0
100	PI/2 BPSK	1	137	18.28	18.47	18.31		
100	PI/2 BPSK	1	271	18.08	18.18	18.09		
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0
100	PI/2 BPSK	270	0	18.26	18.27	18.09		
100	QPSK	1	1	18.43	18.59	18.39	20.0	0.0
100	QPSK	1	137	18.48	18.44	18.44		
100	QPSK	1	271	18.06	18.28	18.22		
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0
100	QPSK	270	0	18.19	18.33	18.24		
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.28	21.32	21.21	23.0	0.0
100	PI/2 BPSK	1	137	21.46	21.44	21.29		
100	PI/2 BPSK	1	271	21.53	21.75	21.62		
100	PI/2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5
100	PI/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0
100	PI/2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5
100	PI/2 BPSK	270	0	20.89	20.94	20.87		
100	QPSK	1	1	21.81	21.85	21.70	23.0	0.0
100	QPSK	1	137	21.40	21.47	21.42		
100	QPSK	1	271	21.62	21.78	21.58		
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0
100	QPSK	270	0	20.49	20.64	20.47		
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.76	21.68	21.65	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	21.62	21.70	21.55	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.80	21.56	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	21.72	21.66	21.65	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	21.62	21.72	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.73	21.76	21.54	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	21.61	21.74	21.52	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	21.76	21.69	21.64	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0

Part27Q n77 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.32		20.0	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.43		20.0	0.0
100	PI/2 BPSK	135	69		18.51		20.0	0.0
100	PI/2 BPSK	135	138		18.25		20.0	0.0
100	PI/2 BPSK	270	0		18.21			
100	QPSK	1	1		18.54		20.0	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.11		20.0	0.0
100	QPSK	135	69		18.52		20.0	0.0
100	QPSK	135	138		18.36		20.0	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.23		20.0	0.0
100	64QAM	1	1		18.19		20.0	0.0
100	256QAM	1	1		17.06		18.5	1.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0

Part27Q n77 PC2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.30		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		20.95		22.5	0.5
100	PI/2 BPSK	135	69		21.41		23.0	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.5
100	PI/2 BPSK	270	0		20.86			
100	QPSK	1	1		21.79		23.0	0.0
100	QPSK	1	137		21.54			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.18		22.0	1.0
100	QPSK	135	69		21.46		23.0	0.0
100	QPSK	135	138		20.38		22.0	1.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.46		22.0	1.0
100	64QAM	1	1		18.89		20.5	2.5
100	256QAM	1	1		16.65		18.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	21.60	21.69	21.70	23.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.68	21.68	23.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.60	21.69	21.63	23.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15		
100	PI/2 BPSK	1	271	17.81	17.89	17.74		
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26		
100	QPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	QPSK	1	137	18.29	18.38	18.35		
100	QPSK	1	271	17.94	18.07	18.03		
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0
100	QPSK	270	0	18.25	18.36	18.21		
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.30	18.36	18.42	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0
100	PI/2 BPSK	1	137	22.49	22.63	22.48		
100	PI/2 BPSK	1	271	22.63	22.61	22.40		
100	PI/2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0
100	PI/2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0
100	PI/2 BPSK	270	0	22.57	22.75	22.55		
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0
100	QPSK	1	137	22.64	22.71	22.52		
100	QPSK	1	271	22.44	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0
100	QPSK	270	0	22.72	22.83	22.79		
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0
100	PI/2 BPSK	1	137	25.35	25.52	25.48		
100	PI/2 BPSK	1	271	25.25	25.44	25.41		
100	PI/2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.86	25.05	24.84		
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.28	25.44	25.38		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0
100	QPSK	270	0	24.70	24.73	24.62		
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.62	25.40	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	19.26	19.26	19.17	20.0	0.0
100	PI/2 BPSK	1	137	18.99	19.09	19.08		
100	PI/2 BPSK	1	271	19.28	19.26	19.08		
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0
100	PI/2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0
100	QPSK	1	137	18.89	19.12	18.93		
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.29	19.07	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	19.01	19.25	19.20	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.17	19.20	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	19.04	19.18	19.15	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	19.00	19.32	19.15	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.32	19.10	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	19.02	19.24	19.18	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	19.14	19.19	19.14	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	19.14	19.19	19.09	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.84	22.08	21.85	23.0	0.0
100	PI/2 BPSK	1	137	21.77	22.02	21.82		
100	PI/2 BPSK	1	271	21.94	22.16	22.09		
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5
100	PI/2 BPSK	270	0	21.44	21.45	21.27		
100	QPSK	1	1	22.10	22.17	22.03	23.0	0.0
100	QPSK	1	137	21.85	22.00	22.04		
100	QPSK	1	271	21.90	22.15	22.08		
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0
100	QPSK	270	0	21.01	21.09	20.93		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.03	22.08	21.95	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	22.11	21.91	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.04	22.02	21.92	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	21.96	22.07	21.87	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.99	22.08	21.98	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	21.97	22.03	21.84	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	21.98	22.11	21.89	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.93	22.11	21.98	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.94		19.0	0.0
100	PI/2 BPSK	1	137		17.98			
100	PI/2 BPSK	1	271		18.14			
100	PI/2 BPSK	135	0		17.98		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		18.12		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.34		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.31		19.0	0.0
100	QPSK	135	138		18.15		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.11		19.0	0.0
100	64QAM	1	1		16.98		17.5	1.5
100	256QAM	1	1		15.49		16.0	3.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.30	18.19	19.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	18.27	18.15	18.25	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.84		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		20.34		21.5	0.5
100	PI/2 BPSK	135	69		20.89		22.0	0.0
100	PI/2 BPSK	135	138		20.52		21.5	0.5
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		21.21			
100	QPSK	135	0		19.82		21.0	1.0
100	QPSK	135	69		21.16		22.0	0.0
100	QPSK	135	138		19.97		21.0	1.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.95		21.0	1.0
100	64QAM	1	1		18.40		19.5	2.5
100	256QAM	1	1		16.34		17.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0
Channel				631668	633332	633000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.07	21.11	21.19	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.90	18.88		
100	PI/2 BPSK	1	271	18.99	19.07	19.01		
100	PI/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0
100	PI/2 BPSK	135	138	18.52	18.67	18.90		
100	PI/2 BPSK	270	0	18.69	18.86	18.83		
100	QPSK	1	1	19.00	19.12	19.07	20.0	0.0
100	QPSK	1	137	18.51	18.69	18.54		
100	QPSK	1	271	18.99	19.10	18.95		
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0	18.90	19.03	18.85		
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5
Channel				639668	641666	643668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.06	18.96	19.06	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.29	20.34	20.28		
100	PI/2 BPSK	1	137	20.30	20.26	20.36	21.5	0.0
100	PI/2 BPSK	1	271	20.16	20.14	20.24		
100	PI/2 BPSK	135	0	20.30	20.26	20.31	21.5	0.0
100	PI/2 BPSK	135	69	20.35	20.19	20.26	21.5	0.0
100	PI/2 BPSK	135	138	20.25	20.30	20.30	21.5	0.0
100	PI/2 BPSK	270	0	20.28	20.35	20.28		
100	QPSK	1	1	20.32	20.39	20.14		
100	QPSK	1	137	20.14	20.29	20.29	21.5	0.0
100	QPSK	1	271	20.24	20.12	20.27		
100	QPSK	135	0	20.12	20.16	20.35	21.5	0.0
100	QPSK	135	69	20.12	20.37	20.33	21.5	0.0
100	QPSK	135	138	20.35	20.33	20.13	21.5	0.0
100	QPSK	270	0	20.13	20.31	20.28		
100	16QAM	1	1	20.28	20.21	20.26	21.5	0.0
100	64QAM	1	1	20.12	20.20	20.25	21.5	0.0
100	256QAM	1	1	20.31	20.31	20.13	21.5	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.17	20.27	20.00	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.22	20.26	20.08	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.25	20.21	20.08	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.23	20.25	19.95	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.24	20.26	20.01	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.19	20.23	20.10	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.14	20.32	20.06	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	20.18	20.35	20.04	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.26	20.24	20.04	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.26	20.25	20.05	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.04	23.20	23.24		
100	PI/2 BPSK	1	137	23.27	22.98	23.26	24.5	0.0
100	PI/2 BPSK	1	271	22.95	22.99	23.08		
100	PI/2 BPSK	135	0	23.06	23.03	23.17	24.5	0.0
100	PI/2 BPSK	135	69	23.30	23.09	23.11	24.5	0.0
100	PI/2 BPSK	135	138	23.20	23.20	23.04	24.5	0.0
100	PI/2 BPSK	270	0	23.08	23.32	23.04		
100	QPSK	1	1	23.29	23.34	23.20		
100	QPSK	1	137	22.87	23.22	23.10	24.5	0.0
100	QPSK	1	271	23.05	22.87	23.01		
100	QPSK	135	0	22.88	22.96	23.23	24.5	0.0
100	QPSK	135	69	23.04	23.31	23.09	24.5	0.0
100	QPSK	135	138	23.22	23.18	22.98	24.5	0.0
100	QPSK	270	0	23.07	23.28	23.10		
100	16QAM	1	1	23.09	23.01	23.00	24.5	0.0
100	64QAM	1	1	23.06	23.05	23.01	24.5	0.0
100	256QAM	1	1	22.46	22.51	22.26	23.5	1.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.21	23.21	23.06	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.21	23.21	23.06	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.10	23.18	23.07	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.23	23.26	23.06	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.17	23.22	23.09	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.14	23.22	23.11	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.24	23.23	23.11	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.19	23.22	23.14	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.16	23.16	23.03	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.16	23.19	23.06	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.57	20.52	20.62		
100	PI/2 BPSK	1	137	20.39	20.58	20.61	22.0	0.0
100	PI/2 BPSK	1	271	20.57	20.35	20.45		
100	PI/2 BPSK	135	0	20.72	20.60	20.46	22.0	0.0
100	PI/2 BPSK	135	69	20.35	20.68	20.58	22.0	0.0
100	PI/2 BPSK	135	138	20.48	20.49	20.46	22.0	0.0
100	PI/2 BPSK	270	0	20.56	20.56	20.47		
100	QPSK	1	1	20.73	20.76	20.65		
100	QPSK	1	137	20.48	20.58	20.63	22.0	0.0
100	QPSK	1	271	20.55	20.48	20.41		
100	QPSK	135	0	20.55	20.57	20.36	22.0	0.0
100	QPSK	135	69	20.41	20.75	20.54	22.0	0.0
100	QPSK	135	138	20.41	20.48	20.60	22.0	0.0
100	QPSK	270	0	20.45	20.70	20.50		
100	16QAM	1	1	20.66	20.58	20.66	22.0	0.0
100	64QAM	1	1	20.61	20.54	20.54	22.0	0.0
100	256QAM	1	1	19.50	19.61	19.62	21.0	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	20.59	20.55	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	20.56	20.59	20.60	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.65	20.64	20.45	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.60	20.69	20.57	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.66	20.71	20.46	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.62	20.55	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.54	20.63	20.52	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.67	20.64	20.56	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.64	20.56	20.50	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.62	20.59	20.45	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.46	23.54	23.50	25.0	0.0
100	PI/2 BPSK	1	137	23.34	23.39	23.42		
100	PI/2 BPSK	1	271	23.46	23.27	23.31		
100	PI/2 BPSK	135	0	23.63	23.59	23.56	25.0	0.0
100	PI/2 BPSK	135	69	23.54	23.68	23.49	25.0	0.0
100	PI/2 BPSK	135	138	23.38	23.65	23.39	25.0	0.0
100	PI/2 BPSK	270	0	23.37	23.45	23.34		
100	QPSK	1	1	23.68	23.77	23.73	25.0	0.0
100	QPSK	1	137	23.53	23.44	23.67		
100	QPSK	1	271	23.38	23.43	23.56		
100	QPSK	135	0	23.46	23.59	23.58	25.0	0.0
100	QPSK	135	69	23.48	23.74	23.32	25.0	0.0
100	QPSK	135	138	23.27	23.30	23.57	25.0	0.0
100	QPSK	270	0	23.50	23.66	23.49		
100	16QAM	1	1	23.44	23.55	23.54	25.0	0.0
100	64QAM	1	1	22.61	22.59	22.64	24.5	0.5
100	256QAM	1	1	21.50	21.64	21.68	22.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.60	23.59	23.64	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	23.61	23.63	23.58	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.59	23.64	23.55	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	23.51	23.66	23.66	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	23.60	23.65	23.59	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.52	23.59	23.61	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	23.53	23.73	23.54	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	23.48	23.65	23.57	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	23.61	23.63	23.67	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.57	23.64	23.56	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.73		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		20.74			
100	PI/2 BPSK	135	0		20.84		22.0	0.0
100	PI/2 BPSK	135	69		20.84		22.0	0.0
100	PI/2 BPSK	135	138		20.64		22.0	0.0
100	PI/2 BPSK	270	0		20.68			
100	QPSK	1	1		20.94		22.0	0.0
100	QPSK	1	137		20.83			
100	QPSK	1	271		20.67			
100	QPSK	135	0		20.70		22.0	0.0
100	QPSK	135	69		20.93		22.0	0.0
100	QPSK	135	138		20.73		22.0	0.0
100	QPSK	270	0		20.87			
100	16QAM	1	1		20.80		22.0	0.0
100	64QAM	1	1		20.86		22.0	0.0
100	256QAM	1	1		20.13		21.0	1.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	20.78	20.76	20.75	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.90	20.77	20.82	22.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	20.84	20.85	20.77	22.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	20.81	20.82	20.80	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.81	20.82	20.80	22.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	20.78	20.74	20.88	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	20.86	20.84	20.83	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.83	20.74	20.80	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	20.81	20.88	20.82	22.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	20.89	20.86	20.85	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.63		25.0	0.0
100	PI/2 BPSK	1	137		23.74			
100	PI/2 BPSK	1	271		23.68			
100	PI/2 BPSK	135	0		23.85		25.0	0.0
100	PI/2 BPSK	135	69		23.82		25.0	0.0
100	PI/2 BPSK	135	138		23.78		25.0	0.0
100	PI/2 BPSK	270	0		23.69			
100	QPSK	1	1		23.93		25.0	0.0
100	QPSK	1	137		23.87			
100	QPSK	1	271		23.73			
100	QPSK	135	0		23.74		25.0	0.0
100	QPSK	135	69		23.91		25.0	0.0
100	QPSK	135	138		23.68		25.0	0.0
100	QPSK	270	0		23.83			
100	16QAM	1	1		23.70		25.0	0.0
100	64QAM	1	1		22.74		24.5	0.5
100	256QAM	1	1		21.79		22.5	2.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	23.75	23.86	23.82	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.87	23.80	23.85	25.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	23.85	23.81	23.77	25.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	23.81	23.80	23.85	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.77	23.85	23.88	25.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	23.84	23.86	23.77	25.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	23.83	23.76	23.88	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.74	23.83	23.82	25.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	23.75	23.79	23.86	25.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	23.85	23.73	23.76	25.0	0.0

Part96 n77 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	20.73	20.60	20.77	22.0	0.0
100	PI/2 BPSK	1	137	20.70	20.65	20.71		
100	PI/2 BPSK	1	271	20.66	20.81	20.83		
100	PI/2 BPSK	135	0	20.74	20.76	20.67	22.0	0.0
100	PI/2 BPSK	135	69	20.58	20.75	20.73	22.0	0.0
100	PI/2 BPSK	135	138	20.78	20.79	20.60	22.0	0.0
100	PI/2 BPSK	270	0	20.50	20.81	20.54		
100	QPSK	1	1	20.85	20.89	20.87	22.0	0.0
100	QPSK	1	137	20.59	20.77	20.72		
100	QPSK	1	271	20.72	20.62	20.75		
100	QPSK	135	0	20.60	20.73	20.64	22.0	0.0
100	QPSK	135	69	20.81	20.86	20.78	22.0	0.0
100	QPSK	135	138	20.58	20.78	20.62	22.0	0.0
100	QPSK	270	0	20.67	20.83	20.53		
100	16QAM	1	1	20.65	20.67	20.78	22.0	0.0
100	64QAM	1	1	20.79	20.74	20.71	22.0	0.0
100	256QAM	1	1	20.47	20.85	20.63	22.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	20.66	20.80	20.78	22.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	20.81	20.79	20.70	22.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	20.81	20.83	20.79	22.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	20.67	20.85	20.80	22.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	20.68	20.83	20.75	22.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	20.72	20.74	20.78	22.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.66	20.71	20.79	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.77	20.85	20.69	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.72	20.71	20.75	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.69	20.70	20.77	22.0	0.0

Reduced Power Mode for DSI1 ENDC Standalone

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.73	23.79	23.79	24.5	0.0
20	PI/2 BPSK	1	53	23.78	23.75	23.74		
20	PI/2 BPSK	1	104	23.58	23.73	23.55		
20	PI/2 BPSK	50	0	23.64	23.79	23.64	24.5	0.0
20	PI/2 BPSK	50	28	23.78	23.74	23.72	24.5	0.0
20	PI/2 BPSK	50	56	23.68	23.80	23.58	24.5	0.0
20	PI/2 BPSK	100	0	23.74	23.80	23.72		
20	QPSK	1	1	23.74	23.81	23.80	24.5	0.0
20	QPSK	1	53	23.72	23.71	23.77		
20	QPSK	1	104	23.69	23.80	23.66		
20	QPSK	50	0	23.71	23.74	23.73	24.0	0.5
20	QPSK	50	28	23.65	23.78	23.73	24.5	0.0
20	QPSK	50	56	23.69	23.70	23.67	24.0	0.5
20	QPSK	100	0	23.58	23.64	23.56		
20	16QAM	1	1	23.71	23.80	23.78	24.0	0.5
20	64QAM	1	1	22.09	22.19	21.92	22.5	2.0
20	256QAM	1	1	19.99	19.89	19.95	20.5	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.72	23.77	23.76	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.69	23.80	23.76	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.69	23.79	23.75	24.5	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

n71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0

n2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.11	19.17	19.21	20.0	0.0
20	PI/2 BPSK	1	53	19.10	18.95	19.33		
20	PI/2 BPSK	1	104	19.26	19.28	19.36		
20	PI/2 BPSK	50	0	19.28	19.28	19.25	20.0	0.0
20	PI/2 BPSK	50	28	19.36	19.10	19.16	20.0	0.0
20	PI/2 BPSK	50	56	19.01	19.04	19.06	20.0	0.0
20	PI/2 BPSK	100	0	19.33	19.38	19.17		
20	QPSK	1	1	19.33	19.42	19.36	20.0	0.0
20	QPSK	1	53	19.28	19.12	19.23		
20	QPSK	1	104	19.34	19.20	19.10		
20	QPSK	50	0	19.37	19.15	19.32	20.0	0.0
20	QPSK	50	28	19.38	19.40	19.30	20.0	0.0
20	QPSK	50	56	19.12	19.17	19.11	20.0	0.0
20	QPSK	100	0	19.11	19.32	19.15		
20	16QAM	1	1	19.40	19.07	19.07	20.0	0.0
20	64QAM	1	1	19.09	19.27	19.14	20.0	0.0
20	256QAM	1	1	19.34	19.02	19.07	20.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.13	19.02	19.25	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.09	19.02	19.30	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.14	19.01	19.34	20.0	0.0

n25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.99	19.13	19.20	20.0	0.0
40	PI/2 BPSK	1	108	19.16	18.96	19.11		
40	PI/2 BPSK	1	214	19.05	19.17	19.34		
40	PI/2 BPSK	108	0	19.21	19.33	19.15	20.0	0.0
40	PI/2 BPSK	108	54	19.30	19.21	19.19	20.0	0.0
40	PI/2 BPSK	108	108	19.04	19.04	19.00	20.0	0.0
40	PI/2 BPSK	216	0	19.37	19.15	19.16		
40	QPSK	1	1	19.37	19.45	19.31	20.0	0.0
40	QPSK	1	108	19.25	18.98	19.18		
40	QPSK	1	214	19.19	19.11	18.97		
40	QPSK	108	0	19.24	19.22	19.31	20.0	0.0
40	QPSK	108	54	19.37	19.42	19.33	20.0	0.0
40	QPSK	108	108	19.11	19.11	19.02	20.0	0.0
40	QPSK	216	0	19.02	19.37	19.14		
40	16QAM	1	1	19.25	19.09	19.11	20.0	0.0
40	64QAM	1	1	18.90	19.18	19.02	20.0	0.0
40	256QAM	1	1	19.30	18.85	18.96	20.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.32	19.17	19.08	20.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.36	19.17	19.16	20.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.33	19.16	19.07	20.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.34	19.22	19.11	20.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.25	19.17	19.12	20.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.27	19.15	19.07	20.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.25	19.20	19.14	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.81	17.79	17.84	18.5	0.0
40	PI/2 BPSK	1	108	17.87	17.69	17.94		
40	PI/2 BPSK	1	214	17.64	17.83	17.81		
40	PI/2 BPSK	108	0	17.72	17.86	17.79	18.5	0.0
40	PI/2 BPSK	108	54	17.62	17.88	17.64	18.5	0.0
40	PI/2 BPSK	108	108	17.74	17.88	17.76	18.5	0.0
40	PI/2 BPSK	216	0	17.73	17.71	17.96		
40	QPSK	1	1	17.90	18.12	17.93	18.5	0.0
40	QPSK	1	108	17.85	17.63	17.84		
40	QPSK	1	214	17.94	17.90	17.74		
40	QPSK	108	0	17.71	17.74	17.61	18.5	0.0
40	QPSK	108	54	17.93	18.07	17.85	18.5	0.0
40	QPSK	108	108	17.84	17.77	17.71	18.5	0.0
40	QPSK	216	0	17.83	17.94	17.76		
40	16QAM	1	1	17.82	17.75	17.76	18.5	0.0
40	64QAM	1	1	17.80	17.92	17.84	18.5	0.0
40	256QAM	1	1	17.90	17.86	17.79	18.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.83	17.73	17.94	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.79	17.75	18.00	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.86	17.77	18.02	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.88	17.70	17.94	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.89	17.77	18.01	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.85	17.75	17.91	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.88	17.72	17.92	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.09	23.23	23.22	24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.21	23.24		
100	PI/2 BPSK	1	271	23.17	23.25	23.12		
100	PI/2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0
100	PI/2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0
100	PI/2 BPSK	270	0	23.02	23.27	23.26		
100	QPSK	1	1	23.24	23.36	23.32	24.0	0.0
100	QPSK	1	137	23.20	23.28	23.04		
100	QPSK	1	271	23.26	23.29	23.27		
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0
100	QPSK	270	0	23.12	23.22	23.01		
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.15	23.31	23.26	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	23.12	23.30	23.28	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.05	23.31	23.18	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	23.16	23.20	23.15	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.07	23.24	23.20	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	23.11	23.30	23.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.16	23.24	23.23	24.0	0.0

Part27O n77 PC2 Ant6

BW [MHz]	Modulation	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	26.14	26.21	25.97	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.23	26.15		
100	PI/2 BPSK	1	271	26.08	26.21	26.00		
100	PI/2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5
100	PI/2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5
100	PI/2 BPSK	270	0	25.69	25.83	25.68		
100	QPSK	1	1	26.19	26.36	26.35	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.07		
100	QPSK	1	271	26.17	26.31	26.26		
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0
100	QPSK	270	0	25.23	25.33	25.28		
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.12	26.31	26.28	27.0	0.0

Part27Q n77 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.14		24.0	0.0
100	PI/2 BPSK	135	69		23.15		24.0	0.0
100	PI/2 BPSK	135	138		23.17		24.0	0.0
100	PI/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		23.16			
100	QPSK	1	271		23.17			
100	QPSK	135	0		23.17		24.0	0.0
100	QPSK	135	69		23.23		24.0	0.0
100	QPSK	135	138		23.01		24.0	0.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		23.10		24.0	0.0
100	64QAM	1	1		23.09		24.0	0.0
100	256QAM	1	1		20.94		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0

Part27Q n77 PC2 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.15			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.67		26.5	0.5
100	PI/2 BPSK	135	69		26.07		27.0	0.0
100	PI/2 BPSK	135	138		25.69		26.5	0.5
100	PI/2 BPSK	270	0		25.68			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.34		26.0	1.0
100	QPSK	135	69		26.20		27.0	0.0
100	QPSK	135	138		25.11		26.0	1.0
100	QPSK	270	0		25.25			
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.65		24.5	2.5
100	256QAM	1	1		21.65		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.09	26.18	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.36	22.32	22.47		
100	PI/2 BPSK	1	271	22.36	22.46	22.48		
100	PI/2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0
100	PI/2 BPSK	270	0	22.32	22.42	22.31		
100	QPSK	1	1	22.49	22.52	22.45	23.5	0.0
100	QPSK	1	137	22.28	22.34	22.40		
100	QPSK	1	271	22.38	22.34	22.44		
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0
100	QPSK	270	0	22.39	22.44	22.31		
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3684.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.37		24.0	0.0
100	PI/2 BPSK	1	137		23.39			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.25		23.5	0.5
100	PI/2 BPSK	270	0		23.32			
100	QPSK	1	1		23.48		24.0	0.0
100	QPSK	1	137		23.35			
100	QPSK	1	271		23.40			
100	QPSK	135	0		22.77		23.0	1.0
100	QPSK	135	69		23.43		24.0	0.0
100	QPSK	135	138		22.61		23.0	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.58		23.0	1.0
100	64QAM	1	1		21.22		21.5	2.5
100	256QAM	1	1		19.27		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.39	23.42	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	23.30	23.30	23.31	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.33	23.36	23.44	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	23.32	23.29	23.41	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	23.37	23.37	23.41	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.42	23.41	23.31	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	23.40	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	23.42	23.43	23.36	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.41			
100	PI/2 BPSK	135	0		23.03		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.09		23.5	0.5
100	PI/2 BPSK	270	0		22.91			
100	QPSK	1	1		23.46		24.0	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.37			
100	QPSK	135	0		22.83		23.0	1.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		22.58		23.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.71		23.0	1.0
100	64QAM	1	1		21.32		21.5	2.5
100	256QAM	1	1		19.38		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.42	22.42	22.42		
100	PI/2 BPSK	1	271	22.41	22.30	22.29		
100	PI/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0
100	PI/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0
100	PI/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0
100	PI/2 BPSK	270	0	22.48	22.47	22.37		
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
100	QPSK	1	137	22.37	22.44	22.41		
100	QPSK	1	271	22.33	22.36	22.33		
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5
100	QPSK	270	0	21.96	22.09	21.97		
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.24	22.39	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.32	23.13	24.0	0.0
40	PI/2 BPSK	1	53	23.23	23.29	23.12		
40	PI/2 BPSK	1	104	23.10	23.31	23.19		
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0
40	PI/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5
40	PI/2 BPSK	100	0	23.09	23.28	23.29		
40	QPSK	1	1	23.33	23.34	23.22	24.0	0.0
40	QPSK	1	53	23.22	23.32	23.23		
40	QPSK	1	104	23.10	23.33	23.32		
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0
40	QPSK	50	56	22.61	22.68	22.53	23.0	1.0
40	QPSK	100	0	22.64	22.71	22.55		
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5
40	256QAM	1	1	19.13	19.32	19.24	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	23.28	23.25	23.08	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.98	23.13	23.11	24.0	0.0
100	PI/2 BPSK	1	137	23.14	23.21	23.24		
100	PI/2 BPSK	1	271	23.26	23.30	23.19		
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.23	23.03		
100	QPSK	1	1	23.31	23.36	23.22	24.0	0.0
100	QPSK	1	137	23.16	23.23	23.12		
100	QPSK	1	271	23.14	23.33	23.28		
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0
100	QPSK	135	138	23.19	23.31	23.16	24.0	0.0
100	QPSK	270	0	23.28	23.31	23.23		
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.29	23.17	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	23.25	23.26	23.16	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.19	23.32	23.08	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	23.17	23.23	23.12	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	23.13	23.24	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.25	23.26	23.05	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	23.22	23.24	23.18	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	23.19	23.29	23.10	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	23.21	23.31	23.12	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	23.16	23.19	23.17	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.02	26.26	26.01	27.0	0.0
100	PI/2 BPSK	1	137	26.00	26.17	26.01		
100	PI/2 BPSK	1	271	26.06	26.20	26.21		
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5
100	PI/2 BPSK	270	0	26.02	26.20	26.15		
100	QPSK	1	1	26.21	26.34	26.20	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.15		
100	QPSK	1	271	26.20	26.23	26.15		
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0
100	QPSK	270	0	25.32	25.54	25.32		
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.16	26.08	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.05	26.28	26.10	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.09	26.16	26.09	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.31	17.32	17.23	18.5	0.0
100	PI/2 BPSK	1	137	17.31	17.31	17.34		
100	PI/2 BPSK	1	271	17.19	17.18	17.22		
100	PI/2 BPSK	135	0	17.29	17.23	17.29	18.5	0.0
100	PI/2 BPSK	135	69	17.32	17.16	17.29	18.5	0.0
100	PI/2 BPSK	135	138	17.27	17.28	17.26	18.5	0.0
100	PI/2 BPSK	270	0	17.33	17.38	17.30		
100	QPSK	1	1	17.35	17.45	17.19	18.5	0.0
100	QPSK	1	137	17.10	17.34	17.35		
100	QPSK	1	271	17.21	17.13	17.27		
100	QPSK	135	0	17.11	17.13	17.40	18.5	0.0
100	QPSK	135	69	17.10	17.41	17.30	18.5	0.0
100	QPSK	135	138	17.31	17.30	17.08	18.5	0.0
100	QPSK	270	0	17.12	17.25	17.23		
100	16QAM	1	1	17.23	17.23	17.23	18.5	0.0
100	64QAM	1	1	17.13	17.23	17.23	18.5	0.0
100	256QAM	1	1	17.32	17.27	17.08	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.21	17.19	17.17	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.26	17.16	17.27	18.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.02	17.05	17.13	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.23	17.21	17.25	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.22	17.13	17.21	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.20	17.23	17.19	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.15	17.21	17.23	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.25	17.24	16.99	18.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.09	17.16	17.19	18.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.14	16.99	17.20	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.05	20.20	20.28	21.5	0.0
100	PI/2 BPSK	1	137	20.09	20.17	20.21		
100	PI/2 BPSK	1	271	20.10	20.22	20.24		
100	PI/2 BPSK	135	0	20.07	20.22	20.20	21.5	0.0
100	PI/2 BPSK	135	69	20.07	20.19	20.24	21.5	0.0
100	PI/2 BPSK	135	138	20.05	20.18	20.26	21.5	0.0
100	PI/2 BPSK	270	0	20.04	20.23	20.21		
100	QPSK	1	1	19.98	20.34	20.26	21.5	0.0
100	QPSK	1	137	20.00	20.25	20.27		
100	QPSK	1	271	20.08	20.19	20.18		
100	QPSK	135	0	20.08	20.21	20.27	21.5	0.0
100	QPSK	135	69	20.07	20.31	20.27	21.5	0.0
100	QPSK	135	138	20.00	20.22	20.29	21.5	0.0
100	QPSK	270	0	20.01	20.23	20.20		
100	16QAM	1	1	20.07	20.21	20.26	21.5	0.0
100	64QAM	1	1	20.02	20.21	20.18	21.5	0.0
100	256QAM	1	1	20.09	20.20	20.19	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.91	20.11	20.14	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.99	20.14	20.16	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.90	20.11	20.19	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.90	20.05	20.12	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.93	20.12	20.12	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.92	20.05	20.19	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.90	20.12	20.20	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.92	20.14	20.15	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.92	20.10	20.19	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.89	20.11	20.17	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	17.04	17.23	17.12	18.5	0.0
100	PI/2 BPSK	1	137	16.94	17.16	17.09		
100	PI/2 BPSK	1	271	17.24	16.95	17.09		
100	PI/2 BPSK	135	0	17.22	17.18	17.07	18.5	0.0
100	PI/2 BPSK	135	69	17.03	17.18	17.08	18.5	0.0
100	PI/2 BPSK	135	138	16.99	17.13	17.10	18.5	0.0
100	PI/2 BPSK	270	0	16.96	16.98	17.05		
100	QPSK	1	1	17.16	17.25	17.15	18.5	0.0
100	QPSK	1	137	17.07	17.15	17.16		
100	QPSK	1	271	17.14	17.07	16.92		
100	QPSK	135	0	17.13	17.15	17.03	18.5	0.0
100	QPSK	135	69	16.95	17.21	17.13	18.5	0.0
100	QPSK	135	138	16.97	17.02	17.15	18.5	0.0
100	QPSK	270	0	17.11	17.16	17.07		
100	16QAM	1	1	17.13	17.09	17.11	18.5	0.0
100	64QAM	1	1	17.04	17.01	17.18	18.5	0.0
100	256QAM	1	1	17.07	16.96	17.12	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	16.94	17.03	16.93	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	16.83	17.08	16.97	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.09	16.86	16.92	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	16.95	17.09	17.03	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	16.94	17.01	16.99	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.90	16.96	16.98	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.95	17.00	17.08	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	16.98	17.03	16.86	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	16.90	16.90	17.09	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.08	17.00	17.10	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.92	20.18	19.97	21.5	0.0
100	PI/2 BPSK	1	137	19.85	20.22	20.00		
100	PI/2 BPSK	1	271	19.93	20.13	20.00		
100	PI/2 BPSK	135	0	19.89	20.19	20.02	21.5	0.0
100	PI/2 BPSK	135	69	19.94	20.11	20.03	21.5	0.0
100	PI/2 BPSK	135	138	19.91	20.21	19.99	21.5	0.0
100	PI/2 BPSK	270	0	19.93	20.16	20.05		
100	QPSK	1	1	19.85	20.23	19.97	21.5	0.0
100	QPSK	1	137	19.87	20.16	20.00		
100	QPSK	1	271	19.90	20.14	20.03		
100	QPSK	135	0	19.85	20.14	20.00	21.5	0.0
100	QPSK	135	69	19.85	20.20	20.07	21.5	0.0
100	QPSK	135	138	19.95	20.13	19.99	21.5	0.0
100	QPSK	270	0	19.89	20.12	20.05		
100	16QAM	1	1	19.87	20.14	19.96	21.5	0.0
100	64QAM	1	1	19.86	20.14	20.01	21.5	0.0
100	256QAM	1	1	19.91	20.13	20.05	21.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.79	19.95	20.01	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.83	19.94	20.07	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.80	19.89	20.10	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.80	19.94	20.03	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.79	19.89	20.13	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.85	19.89	20.02	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.75	19.93	20.12	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.84	19.91	20.03	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.80	19.86	20.11	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.76	19.86	20.05	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.14		18.5	0.0
100	PI/2 BPSK	1	137		17.16			
100	PI/2 BPSK	1	271		17.00			
100	PI/2 BPSK	135	0		17.12		18.5	0.0
100	PI/2 BPSK	135	69		17.12		18.5	0.0
100	PI/2 BPSK	135	138		17.16		18.5	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.25		18.5	0.0
100	QPSK	1	137		17.14			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.16		18.5	0.0
100	QPSK	135	69		17.18		18.5	0.0
100	QPSK	135	138		17.04		18.5	0.0
100	QPSK	270	0		17.18			
100	16QAM	1	1		17.10		18.5	0.0
100	64QAM	1	1		17.01		18.5	0.0
100	256QAM	1	1		17.05		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.93	17.12	17.02	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.86	16.99	17.05	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.15	17.11	16.96	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.85	17.01	16.92	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.90	16.94	16.93	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.97	17.00	17.12	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.04	17.00	16.92	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.85	17.14	16.98	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.01	16.97	16.92	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.94	16.90	17.02	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.00		21.5	0.0
100	PI/2 BPSK	1	137		20.06			
100	PI/2 BPSK	1	271		20.04			
100	PI/2 BPSK	135	0		20.02		21.5	0.0
100	PI/2 BPSK	135	69		19.98		21.5	0.0
100	PI/2 BPSK	135	138		20.07		21.5	0.0
100	PI/2 BPSK	270	0		19.96			
100	QPSK	1	1		20.15		21.5	0.0
100	QPSK	1	137		19.97			
100	QPSK	1	271		20.01			
100	QPSK	135	0		19.97		21.5	0.0
100	QPSK	135	69		20.11		21.5	0.0
100	QPSK	135	138		20.03		21.5	0.0
100	QPSK	270	0		20.03			
100	16QAM	1	1		20.03		21.5	0.0
100	64QAM	1	1		19.98		21.5	0.0
100	256QAM	1	1		20.05		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.78	19.87	20.02	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.80	19.87	20.05	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.77	19.90	20.02	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.85	19.94	20.09	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.84	19.91	20.03	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.82	19.92	20.01	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.82	19.88	20.08	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.78	19.91	20.08	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.76	19.92	20.12	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.84	19.95	20.06	21.5	0.0

Part96 n77 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	17.00	17.05	16.96	18.5	0.0
100	PI/2 BPSK	1	137	16.91	17.08	16.97		
100	PI/2 BPSK	1	271	17.06	16.92	16.92		
100	PI/2 BPSK	135	0	17.15	17.07	17.05	18.5	0.0
100	PI/2 BPSK	135	69	16.92	17.02	17.00	18.5	0.0
100	PI/2 BPSK	135	138	16.94	17.05	16.94	18.5	0.0
100	PI/2 BPSK	270	0	16.86	16.94	16.90		
100	QPSK	1	1	17.00	17.17	17.08	18.5	0.0
100	QPSK	1	137	16.99	17.00	17.15		
100	QPSK	1	271	16.95	16.93	16.83		
100	QPSK	135	0	16.95	16.99	16.89	18.5	0.0
100	QPSK	135	69	16.92	17.16	16.98	18.5	0.0
100	QPSK	135	138	16.93	16.86	16.99	18.5	0.0
100	QPSK	270	0	16.97	17.02	16.99		
100	16QAM	1	1	17.08	17.11	17.03	18.5	0.0
100	64QAM	1	1	16.99	16.87	16.98	18.5	0.0
100	256QAM	1	1	17.03	16.91	17.01	18.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	16.87	17.02	16.98	18.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	16.81	16.93	16.89	18.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	17.05	16.98	16.96	18.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	16.91	16.91	16.87	18.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	16.88	16.88	16.88	18.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	16.93	17.01	17.07	18.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.95	17.03	16.81	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.82	16.88	16.94	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.94	17.02	16.85	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.95	16.84	17.03	18.5	0.0

Reduced Power Mode for DSI2 Simultaneous

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.64	21.71	21.60	22.5	0.0
20	PI/2 BPSK	1	53	21.53	21.41	21.55		
20	PI/2 BPSK	1	104	21.59	21.43	21.29		
20	PI/2 BPSK	50	0	21.45	21.52	21.63	22.5	0.0
20	PI/2 BPSK	50	28	21.56	21.50	21.36	22.5	0.0
20	PI/2 BPSK	50	56	21.62	21.60	21.58	22.5	0.0
20	PI/2 BPSK	100	0	21.42	21.52	21.70		
20	QPSK	1	1	21.85	21.89	21.84	22.5	0.0
20	QPSK	1	53	21.60	21.62	21.46		
20	QPSK	1	104	21.79	21.47	21.36		
20	QPSK	50	0	21.59	21.84	21.75	22.5	0.0
20	QPSK	50	28	21.67	21.85	21.67	22.5	0.0
20	QPSK	50	56	21.54	21.63	21.47	22.5	0.0
20	QPSK	100	0	21.59	21.81	21.41		
20	16QAM	1	1	21.45	21.66	21.48	22.5	0.0
20	64QAM	1	1	21.81	21.79	21.86	22.0	0.5
20	256QAM	1	1	19.74	19.89	19.81	20.0	2.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.62	21.73	21.60	22.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.63	21.84	21.69	22.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.64	21.70	21.58	22.5	0.0

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

n14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		24.09		25.0	0.0
10	PI/2 BPSK	1	26		23.99			
10	PI/2 BPSK	1	50		23.89			
10	PI/2 BPSK	25	0		23.92		24.5	0.5
10	PI/2 BPSK	25	14		23.88		25.0	0.0
10	PI/2 BPSK	25	27		23.84		24.5	0.5
10	PI/2 BPSK	50	0		23.92			
10	QPSK	1	1		24.10		25.0	0.0
10	QPSK	1	26		23.94			
10	QPSK	1	50		23.96			
10	QPSK	25	0		23.93		24.0	1.0
10	QPSK	25	14		24.06		25.0	0.0
10	QPSK	25	27		23.01		24.0	1.0
10	QPSK	50	0		23.08			
10	16QAM	1	1		23.06		24.0	1.0
10	64QAM	1	1		21.60		22.5	2.5
10	256QAM	1	1		19.52		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0

n25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.75	21.59	21.62	22.5	0.0
40	PI/2 BPSK	1	108	21.45	21.48	21.57		
40	PI/2 BPSK	1	214	21.49	21.49	21.30		
40	PI/2 BPSK	108	0	21.38	21.55	21.57	22.5	0.0
40	PI/2 BPSK	108	54	21.53	21.52	21.24	22.5	0.0
40	PI/2 BPSK	108	108	21.74	21.52	21.69	22.5	0.0
40	PI/2 BPSK	216	0	21.44	21.48	21.75		
40	QPSK	1	1	21.85	21.92	21.88	22.5	0.0
40	QPSK	1	108	21.54	21.68	21.42		
40	QPSK	1	214	21.87	21.49	21.26		
40	QPSK	108	0	21.71	21.88	21.74	22.5	0.0
40	QPSK	108	54	21.59	21.81	21.71	22.5	0.0
40	QPSK	108	108	21.43	21.72	21.48	22.5	0.0
40	QPSK	216	0	21.50	21.86	21.39		
40	16QAM	1	1	21.37	21.70	21.44	22.5	0.0
40	64QAM	1	1	21.54	21.68	21.56	22.0	0.5
40	256QAM	1	1	19.51	19.71	19.57	20.0	2.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.68	21.89	21.73	22.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.79	21.79	21.67	22.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.63	21.70	21.83	22.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.76	21.79	21.79	22.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.79	21.74	21.68	22.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.68	21.77	21.70	22.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.71	21.83	21.84	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0
100	PI/2 BPSK	1	137	21.25	21.36	21.22		
100	PI/2 BPSK	1	271	21.35	21.41	21.25		
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0
100	PI/2 BPSK	270	0	21.20	21.41	21.19		
100	QPSK	1	1	21.52	21.55	21.39	22.0	0.0
100	QPSK	1	137	21.24	21.42	21.28		
100	QPSK	1	271	21.41	21.49	21.48		
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0
100	QPSK	270	0	21.28	21.51	21.46		
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0
100	PI/2 BPSK	1	137	24.38	24.42	24.40		
100	PI/2 BPSK	1	271	24.35	24.38	24.27		
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74		
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0
100	QPSK	1	137	24.56	24.53	24.52		
100	QPSK	1	271	24.27	24.49	24.38		
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0
100	QPSK	270	0	23.52	23.54	23.53		
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.41	24.49	24.42	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.64	19.67	19.59	20.5	0.0
40	PI/2 BPSK	1	53	19.72	19.63	19.65		
40	PI/2 BPSK	1	104	19.69	19.72	19.53		
40	PI/2 BPSK	50	0	19.62	19.74	19.73	20.5	0.0
40	PI/2 BPSK	50	28	19.61	19.72	19.67	20.5	0.0
40	PI/2 BPSK	50	56	19.71	19.64	19.64	20.5	0.0
40	PI/2 BPSK	100	0	19.61	19.70	19.74		
40	QPSK	1	1	19.72	19.76	19.74	20.5	0.0
40	QPSK	1	53	19.62	19.57	19.64		
40	QPSK	1	104	19.73	19.64	19.74		
40	QPSK	50	0	19.66	19.59	19.72	20.5	0.0
40	QPSK	50	28	19.69	19.74	19.68	20.5	0.0
40	QPSK	50	56	19.57	19.71	19.67	20.5	0.0
40	QPSK	100	0	19.69	19.71	19.63		
40	16QAM	1	1	19.72	19.72	19.61	20.5	0.0
40	64QAM	1	1	19.65	19.57	19.75	20.5	0.0
40	256QAM	1	1	18.47	18.59	18.40	19.5	1.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.65	19.60	19.68	20.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.62	19.60	19.55	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.65	19.65	19.60	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.09	23.23	23.22	24.0	0.0
100	PI/2 BPSK	1	137	23.16	23.21	23.24		
100	PI/2 BPSK	1	271	23.17	23.25	23.12		
100	PI/2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0
100	PI/2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0
100	PI/2 BPSK	270	0	23.02	23.27	23.26		
100	QPSK	1	1	23.24	23.36	23.32	24.0	0.0
100	QPSK	1	137	23.20	23.28	23.04		
100	QPSK	1	271	23.26	23.29	23.27		
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0
100	QPSK	270	0	23.12	23.22	23.01		
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.15	23.31	23.26	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	23.12	23.30	23.28	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.05	23.31	23.18	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	23.16	23.20	23.15	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.07	23.24	23.20	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	23.11	23.30	23.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.16	23.24	23.23	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	26.14	26.21	25.97	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.23	26.15		
100	PI/2 BPSK	1	271	26.08	26.21	26.00		
100	PI/2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5
100	PI/2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5
100	PI/2 BPSK	270	0	25.69	25.83	25.68		
100	QPSK	1	1	26.19	26.36	26.35	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.07		
100	QPSK	1	271	26.17	26.31	26.26		
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0
100	QPSK	270	0	25.23	25.33	25.28		
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.12	26.31	26.28	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.14		24.0	0.0
100	PI/2 BPSK	135	69		23.15		24.0	0.0
100	PI/2 BPSK	135	138		23.17		24.0	0.0
100	PI/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		23.16			
100	QPSK	1	271		23.17			
100	QPSK	135	0		23.17		24.0	0.0
100	QPSK	135	69		23.23		24.0	0.0
100	QPSK	135	138		23.01		24.0	0.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		23.10		24.0	0.0
100	64QAM	1	1		23.09		24.0	0.0
100	256QAM	1	1		20.94		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.15			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.67		26.5	0.5
100	PI/2 BPSK	135	69		26.07		27.0	0.0
100	PI/2 BPSK	135	138		25.69		26.5	0.5
100	PI/2 BPSK	270	0		25.68			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.34		26.0	1.0
100	QPSK	135	69		26.20		27.0	0.0
100	QPSK	135	138		25.11		26.0	1.0
100	QPSK	270	0		25.25			
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.65		24.5	2.5
100	256QAM	1	1		21.65		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.09	26.18	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.36	22.32	22.47		
100	PI/2 BPSK	1	271	22.36	22.46	22.48		
100	PI/2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0
100	PI/2 BPSK	270	0	22.32	22.42	22.31		
100	QPSK	1	1	22.49	22.52	22.45	23.5	0.0
100	QPSK	1	137	22.28	22.34	22.40		
100	QPSK	1	271	22.38	22.34	22.44		
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0
100	QPSK	270	0	22.39	22.44	22.31		
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0

Part27O n78 Ant6

BW [MHz]	Modulation	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		23.37		24.0	0.0
100	PI/2 BPSK	1	137		23.39			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.25		23.5	0.5
100	PI/2 BPSK	270	0		23.32			
100	QPSK	1	1		23.48		24.0	0.0
100	QPSK	1	137		23.35			
100	QPSK	1	271		23.40			
100	QPSK	135	0		22.77		23.0	1.0
100	QPSK	135	69		23.43		24.0	0.0
100	QPSK	135	138		22.61		23.0	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.58		23.0	1.0
100	64QAM	1	1		21.22		21.5	2.5
100	256QAM	1	1		19.27		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.39	23.42	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	23.30	23.30	23.31	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.33	23.36	23.44	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	23.32	23.29	23.41	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	23.37	23.37	23.41	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.42	23.41	23.31	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	23.40	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	23.42	23.43	23.36	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0

Part27Q n78 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.41			
100	PI/2 BPSK	135	0		23.03		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.09		23.5	0.5
100	PI/2 BPSK	270	0		22.91			
100	QPSK	1	1		23.46		24.0	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.37			
100	QPSK	135	0		22.83		23.0	1.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		22.58		23.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.71		23.0	1.0
100	64QAM	1	1		21.32		21.5	2.5
100	256QAM	1	1		19.38		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0

Part96 n78 PC3 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.42	22.42	22.42		
100	PI/2 BPSK	1	271	22.41	22.30	22.29		
100	PI/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0
100	PI/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0
100	PI/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0
100	PI/2 BPSK	270	0	22.48	22.47	22.37		
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
100	QPSK	1	137	22.37	22.44	22.41		
100	QPSK	1	271	22.33	22.36	22.33		
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5
100	QPSK	270	0	21.96	22.09	21.97		
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.24	22.39	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0

n38 Ant2

BW [MHz]	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	22.75	22.78	22.73	23.5	0.0
40	PI/2 BPSK	1	53	22.69	22.76	22.85		
40	PI/2 BPSK	1	104	22.86	22.89	22.84		
40	PI/2 BPSK	50	0	22.75	22.70	22.66	23.5	0.0
40	PI/2 BPSK	50	28	22.87	22.88	22.76	23.5	0.0
40	PI/2 BPSK	50	56	22.89	22.90	22.73	23.5	0.0
40	PI/2 BPSK	100	0	22.72	22.87	22.72		
40	QPSK	1	1	22.87	22.93	22.90	23.5	0.0
40	QPSK	1	53	22.72	22.70	22.83		
40	QPSK	1	104	22.68	22.73	22.79		
40	QPSK	50	0	22.73	22.74	22.62	23.0	0.5
40	QPSK	50	28	22.85	22.91	22.87	23.5	0.0
40	QPSK	50	56	22.51	22.58	22.43	23.0	0.5
40	QPSK	100	0	22.54	22.61	22.45		
40	16QAM	1	1	22.65	22.75	22.64	23.0	0.5
40	64QAM	1	1	21.12	21.22	21.12	21.5	2.0
40	256QAM	1	1	19.03	19.22	19.14	19.5	4.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.70	22.82	22.83	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.68	22.77	22.76	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.74	22.82	22.81	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.73	22.78	22.78	23.5	0.0

n41 Ant2

BW [MHz]	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	22.75	22.92	22.79	23.5	0.0
100	PI/2 BPSK	1	137	22.85	22.77	22.88		
100	PI/2 BPSK	1	271	22.76	22.68	22.76		
100	PI/2 BPSK	135	0	22.66	22.87	22.92	23.5	0.0
100	PI/2 BPSK	135	69	22.72	22.90	22.87	23.5	0.0
100	PI/2 BPSK	135	138	22.82	22.70	22.82	23.5	0.0
100	PI/2 BPSK	270	0	22.84	22.69	22.85		
100	QPSK	1	1	22.86	22.94	22.91	23.5	0.0
100	QPSK	1	137	22.70	22.89	22.68		
100	QPSK	1	271	22.68	22.78	22.85		
100	QPSK	135	0	22.78	22.71	22.84	23.5	0.0
100	QPSK	135	69	22.87	22.91	22.81	23.5	0.0
100	QPSK	135	138	22.87	22.73	22.89	23.5	0.0
100	QPSK	270	0	22.82	22.86	22.72		
100	16QAM	1	1	22.82	22.71	22.72	23.5	0.0
100	64QAM	1	1	22.74	22.91	22.82	23.5	0.0
100	256QAM	1	1	22.26	22.24	22.27	22.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.79	22.85	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.75	22.79	22.78	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.67	22.85	22.74	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.78	22.72	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.76	22.83	22.73	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.78	22.86	22.82	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.70	22.77	22.74	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.80	22.81	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.67	22.82	22.74	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.75	22.84	22.84	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.72	25.70	25.86	26.5	0.0
100	PI/2 BPSK	1	137	25.84	25.78	25.82		
100	PI/2 BPSK	1	271	25.86	25.89	25.89		
100	PI/2 BPSK	135	0	25.82	25.81	25.79	26.5	0.0
100	PI/2 BPSK	135	69	25.86	25.72	25.64	26.5	0.0
100	PI/2 BPSK	135	138	25.70	25.86	25.71	26.5	0.0
100	PI/2 BPSK	270	0	25.84	25.78	25.89		
100	QPSK	1	1	25.87	25.92	25.90	26.5	0.0
100	QPSK	1	137	25.81	25.71	25.77		
100	QPSK	1	271	25.83	25.86	25.70		
100	QPSK	135	0	25.32	25.41	25.33	26.0	0.5
100	QPSK	135	69	25.83	25.88	25.72	26.5	0.0
100	QPSK	135	138	25.36	25.54	25.31	26.0	0.5
100	QPSK	270	0	25.14	25.36	25.14		
100	16QAM	1	1	25.36	25.34	25.18	26.0	0.5
100	64QAM	1	1	22.76	22.74	22.68	24.5	2.0
100	256QAM	1	1	21.54	21.59	21.47	22.5	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.76	25.84	25.72	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.67	25.79	25.78	26.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.68	25.82	25.77	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.76	25.80	25.86	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.68	25.81	25.70	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.79	25.86	25.70	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.77	25.80	25.79	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.80	25.79	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.80	25.77	25.81	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.71	25.80	25.81	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	18.33	18.43	18.22	20.0	0.0
100	PI/2 BPSK	1	137	18.28	18.47	18.31		
100	PI/2 BPSK	1	271	18.08	18.18	18.09		
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0
100	PI/2 BPSK	270	0	18.26	18.27	18.09		
100	QPSK	1	1	18.43	18.59	18.39	20.0	0.0
100	QPSK	1	137	18.48	18.44	18.44		
100	QPSK	1	271	18.06	18.28	18.22		
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0
100	QPSK	270	0	18.19	18.33	18.24		
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.28	21.32	21.21	23.0	0.0
100	PI/2 BPSK	1	137	21.46	21.44	21.29		
100	PI/2 BPSK	1	271	21.53	21.75	21.62		
100	PI/2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5
100	PI/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0
100	PI/2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5
100	PI/2 BPSK	270	0	20.89	20.94	20.87		
100	QPSK	1	1	21.81	21.85	21.70	23.0	0.0
100	QPSK	1	137	21.40	21.47	21.42		
100	QPSK	1	271	21.62	21.78	21.58		
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0
100	QPSK	270	0	20.49	20.64	20.47		
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.76	21.68	21.65	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	21.62	21.70	21.55	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.80	21.56	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	21.72	21.66	21.65	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	21.62	21.72	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.73	21.76	21.54	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	21.61	21.74	21.52	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	21.76	21.69	21.64	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.69	21.73	21.56	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.32		20.0	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.43		20.0	0.0
100	PI/2 BPSK	135	69		18.51		20.0	0.0
100	PI/2 BPSK	135	138		18.25		20.0	0.0
100	PI/2 BPSK	270	0		18.21			
100	QPSK	1	1		18.54		20.0	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.11		20.0	0.0
100	QPSK	135	69		18.52		20.0	0.0
100	QPSK	135	138		18.36		20.0	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.23		20.0	0.0
100	64QAM	1	1		18.19		20.0	0.0
100	256QAM	1	1		17.06		18.5	1.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0

Part27Q n77 PC2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.30		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		20.95		22.5	0.5
100	PI/2 BPSK	135	69		21.41		23.0	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.5
100	PI/2 BPSK	270	0		20.86			
100	QPSK	1	1		21.79		23.0	0.0
100	QPSK	1	137		21.54			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.18		22.0	1.0
100	QPSK	135	69		21.46		23.0	0.0
100	QPSK	135	138		20.38		22.0	1.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.46		22.0	1.0
100	64QAM	1	1		18.89		20.5	2.5
100	256QAM	1	1		16.65		18.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	21.60	21.69	21.70	23.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.68	21.68	23.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.60	21.69	21.63	23.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15		
100	PI/2 BPSK	1	271	17.81	17.89	17.74		
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26		
100	QPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	QPSK	1	137	18.29	18.38	18.35		
100	QPSK	1	271	17.94	18.07	18.03		
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0
100	QPSK	270	0	18.25	18.36	18.21		
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3684.99		
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.30	18.36	18.42	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0
100	PI/2 BPSK	1	137	22.49	22.63	22.48		
100	PI/2 BPSK	1	271	22.63	22.61	22.40		
100	PI/2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0
100	PI/2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0
100	PI/2 BPSK	270	0	22.57	22.75	22.55		
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0
100	QPSK	1	137	22.64	22.71	22.52		
100	QPSK	1	271	22.44	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0
100	QPSK	270	0	22.72	22.83	22.79		
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0
100	PI/2 BPSK	1	137	25.35	25.52	25.48		
100	PI/2 BPSK	1	271	25.25	25.44	25.41		
100	PI/2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.86	25.05	24.84		
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.28	25.44	25.38		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0
100	QPSK	270	0	24.70	24.73	24.62		
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.62	25.40	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	19.26	19.26	19.17	20.0	0.0
100	PI/2 BPSK	1	137	18.99	19.09	19.08		
100	PI/2 BPSK	1	271	19.28	19.26	19.08		
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0
100	PI/2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0
100	QPSK	1	137	18.89	19.12	18.93		
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.29	19.07	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	19.01	19.25	19.20	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.17	19.20	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	19.04	19.18	19.15	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	19.00	19.32	19.15	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.32	19.10	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	19.02	19.24	19.18	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	19.14	19.19	19.14	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	19.14	19.19	19.09	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.84	22.08	21.85	23.0	0.0
100	PI/2 BPSK	1	137	21.77	22.02	21.82		
100	PI/2 BPSK	1	271	21.94	22.16	22.09		
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5
100	PI/2 BPSK	270	0	21.44	21.45	21.27		
100	QPSK	1	1	22.10	22.17	22.03	23.0	0.0
100	QPSK	1	137	21.85	22.00	22.04		
100	QPSK	1	271	21.90	22.15	22.08		
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0
100	QPSK	270	0	21.01	21.09	20.93		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.03	22.08	21.95	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	22.11	21.91	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.04	22.02	21.92	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	21.96	22.07	21.87	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.99	22.08	21.98	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	21.97	22.03	21.84	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	21.98	22.11	21.89	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.93	22.11	21.98	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.94		19.0	0.0
100	PI/2 BPSK	1	137		17.98			
100	PI/2 BPSK	1	271		18.14			
100	PI/2 BPSK	135	0		17.98		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		18.12		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.34		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.31		19.0	0.0
100	QPSK	135	138		18.15		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.11		19.0	0.0
100	64QAM	1	1		16.98		17.5	1.5
100	256QAM	1	1		15.49		16.0	3.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.30	18.19	19.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	18.27	18.15	18.25	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.84		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		20.34		21.5	0.5
100	PI/2 BPSK	135	69		20.89		22.0	0.0
100	PI/2 BPSK	135	138		20.52		21.5	0.5
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		21.21			
100	QPSK	135	0		19.82		21.0	1.0
100	QPSK	135	69		21.16		22.0	0.0
100	QPSK	135	138		19.97		21.0	1.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.95		21.0	1.0
100	64QAM	1	1		18.40		19.5	2.5
100	256QAM	1	1		16.34		17.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.07	21.11	21.19	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.90	18.88		
100	PI/2 BPSK	1	271	18.99	19.07	19.01		
100	PI/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0
100	PI/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.86	18.83		
100	QPSK	1	1	19.00	19.12	19.07	20.0	0.0
100	QPSK	1	137	18.51	18.69	18.54		
100	QPSK	1	271	18.99	19.10	18.95		
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0	18.90	19.03	18.85		
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5
Channel				639663	641666	643668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.98		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3684.98		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.06	18.96	19.06	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.29	20.34	20.28	21.5	0.0
100	PI/2 BPSK	1	137	20.30	20.26	20.36		
100	PI/2 BPSK	1	271	20.16	20.14	20.24		
100	PI/2 BPSK	135	0	20.30	20.26	20.31	21.5	0.0
100	PI/2 BPSK	135	69	20.35	20.19	20.26	21.5	0.0
100	PI/2 BPSK	135	138	20.25	20.30	20.30	21.5	0.0
100	PI/2 BPSK	270	0	20.28	20.35	20.28		
100	QPSK	1	1	20.32	20.39	20.14	21.5	0.0
100	QPSK	1	137	20.14	20.29	20.29		
100	QPSK	1	271	20.24	20.12	20.27		
100	QPSK	135	0	20.12	20.16	20.35	21.5	0.0
100	QPSK	135	69	20.12	20.37	20.33	21.5	0.0
100	QPSK	135	138	20.35	20.33	20.13		
100	QPSK	270	0	20.13	20.31	20.28		
100	16QAM	1	1	20.28	20.21	20.26	21.5	0.0
100	64QAM	1	1	20.12	20.20	20.25	21.5	0.0
100	256QAM	1	1	20.31	20.31	20.13	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.17	20.27	20.00	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.22	20.26	20.08	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.25	20.21	20.08	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.23	20.25	19.95	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.24	20.26	20.01	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.19	20.23	20.10	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.14	20.32	20.06	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.18	20.35	20.04	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.26	20.24	20.04	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.26	20.25	20.05	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.04	23.20	23.24	24.5	0.0
100	PI/2 BPSK	1	137	23.27	22.98	23.26		
100	PI/2 BPSK	1	271	22.95	22.99	23.08		
100	PI/2 BPSK	135	0	23.06	23.03	23.17	24.5	0.0
100	PI/2 BPSK	135	69	23.30	23.09	23.11	24.5	0.0
100	PI/2 BPSK	135	138	23.20	23.20	23.04	24.5	0.0
100	PI/2 BPSK	270	0	23.08	23.32	23.04		
100	QPSK	1	1	23.29	23.34	23.20	24.5	0.0
100	QPSK	1	137	22.87	23.22	23.10		
100	QPSK	1	271	23.05	22.87	23.01		
100	QPSK	135	0	22.88	22.96	23.23	24.5	0.0
100	QPSK	135	69	23.04	23.31	23.09	24.5	0.0
100	QPSK	135	138	23.22	23.18	22.98	24.5	0.0
100	QPSK	270	0	23.07	23.28	23.10		
100	16QAM	1	1	23.09	23.01	23.00	24.5	0.0
100	64QAM	1	1	23.06	23.05	23.01	24.5	0.0
100	256QAM	1	1	22.45	22.51	22.26	23.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.21	23.21	23.06	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.21	23.21	23.06	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.10	23.18	23.07	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.23	23.26	23.06	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.17	23.22	23.09	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.14	23.22	23.11	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.24	23.23	23.11	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.19	23.22	23.14	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.16	23.16	23.03	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.16	23.19	23.06	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.57	20.52	20.62	22.0	0.0
100	PI/2 BPSK	1	137	20.39	20.58	20.61		
100	PI/2 BPSK	1	271	20.57	20.35	20.45		
100	PI/2 BPSK	135	0	20.72	20.60	20.46	22.0	0.0
100	PI/2 BPSK	135	69	20.35	20.68	20.58	22.0	0.0
100	PI/2 BPSK	135	138	20.48	20.49	20.46	22.0	0.0
100	PI/2 BPSK	270	0	20.56	20.56	20.47		
100	QPSK	1	1	20.73	20.76	20.65	22.0	0.0
100	QPSK	1	137	20.48	20.58	20.63		
100	QPSK	1	271	20.55	20.48	20.41		
100	QPSK	135	0	20.55	20.57	20.36	22.0	0.0
100	QPSK	135	69	20.41	20.75	20.54	22.0	0.0
100	QPSK	135	138	20.41	20.48	20.60	22.0	0.0
100	QPSK	270	0	20.45	20.70	20.50		
100	16QAM	1	1	20.66	20.58	20.66	22.0	0.0
100	64QAM	1	1	20.61	20.54	20.54	22.0	0.0
100	256QAM	1	1	19.50	19.61	19.62	21.0	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	20.59	20.55	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	20.56	20.59	20.60	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.65	20.64	20.45	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.60	20.69	20.57	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.66	20.71	20.46	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.62	20.55	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.54	20.63	20.52	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.67	20.64	20.56	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.64	20.56	20.50	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.62	20.59	20.45	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.46	23.54	23.50	25.0	0.0
100	PI/2 BPSK	1	137	23.34	23.39	23.42		
100	PI/2 BPSK	1	271	23.46	23.27	23.31		
100	PI/2 BPSK	135	0	23.63	23.59	23.56	25.0	0.0
100	PI/2 BPSK	135	69	23.54	23.68	23.49	25.0	0.0
100	PI/2 BPSK	135	138	23.38	23.65	23.39	25.0	0.0
100	PI/2 BPSK	270	0	23.37	23.45	23.34		
100	QPSK	1	1	23.68	23.77	23.73	25.0	0.0
100	QPSK	1	137	23.53	23.44	23.67		
100	QPSK	1	271	23.38	23.43	23.56		
100	QPSK	135	0	23.46	23.59	23.58	25.0	0.0
100	QPSK	135	69	23.48	23.74	23.32	25.0	0.0
100	QPSK	135	138	23.27	23.30	23.57	25.0	0.0
100	QPSK	270	0	23.50	23.66	23.49		
100	16QAM	1	1	23.44	23.55	23.54	25.0	0.0
100	64QAM	1	1	22.61	22.59	22.64	24.5	0.5
100	256QAM	1	1	21.50	21.64	21.68	22.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.60	23.59	23.64	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	23.61	23.63	23.58	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.59	23.64	23.55	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	23.51	23.66	23.66	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	23.60	23.65	23.59	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.52	23.59	23.61	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	23.53	23.73	23.54	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	23.48	23.65	23.57	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	23.61	23.63	23.67	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.57	23.64	23.56	25.0	0.0

Part27Q n77 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.73		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		20.74			
100	PI/2 BPSK	135	0		20.84		22.0	0.0
100	PI/2 BPSK	135	69		20.84		22.0	0.0
100	PI/2 BPSK	135	138		20.64		22.0	0.0
100	PI/2 BPSK	270	0		20.68			
100	QPSK	1	1		20.94		22.0	0.0
100	QPSK	1	137		20.83			
100	QPSK	1	271		20.67			
100	QPSK	135	0		20.70		22.0	0.0
100	QPSK	135	69		20.93		22.0	0.0
100	QPSK	135	138		20.73		22.0	0.0
100	QPSK	270	0		20.87			
100	16QAM	1	1		20.80		22.0	0.0
100	64QAM	1	1		20.86		22.0	0.0
100	256QAM	1	1		20.13		21.0	1.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	20.78	20.76	20.75	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.90	20.77	20.82	22.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	20.84	20.85	20.77	22.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	20.81	20.82	20.80	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.81	20.82	20.80	22.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	20.78	20.74	20.88	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	20.86	20.84	20.83	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.83	20.74	20.80	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	20.81	20.88	20.82	22.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	20.89	20.86	20.85	22.0	0.0

Part27Q n77 PC2 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.63		25.0	0.0
100	PI/2 BPSK	1	137		23.74			
100	PI/2 BPSK	1	271		23.68			
100	PI/2 BPSK	135	0		23.85		25.0	0.0
100	PI/2 BPSK	135	69		23.82		25.0	0.0
100	PI/2 BPSK	135	138		23.78		25.0	0.0
100	PI/2 BPSK	270	0		23.69			
100	QPSK	1	1		23.93		25.0	0.0
100	QPSK	1	137		23.87			
100	QPSK	1	271		23.73			
100	QPSK	135	0		23.74		25.0	0.0
100	QPSK	135	69		23.91		25.0	0.0
100	QPSK	135	138		23.68		25.0	0.0
100	QPSK	270	0		23.83			
100	16QAM	1	1		23.70		25.0	0.0
100	64QAM	1	1		22.74		24.5	0.5
100	256QAM	1	1		21.79		22.5	2.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	23.75	23.86	23.82	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.87	23.80	23.85	25.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	23.85	23.81	23.77	25.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	23.81	23.80	23.85	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.77	23.85	23.88	25.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	23.84	23.86	23.77	25.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	23.83	23.76	23.88	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.74	23.83	23.82	25.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	23.75	23.79	23.86	25.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	23.85	23.73	23.76	25.0	0.0

Part96 n77 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	20.73	20.60	20.77	22.0	0.0
100	PI/2 BPSK	1	137	20.70	20.65	20.71		
100	PI/2 BPSK	1	271	20.66	20.81	20.83		
100	PI/2 BPSK	135	0	20.74	20.76	20.67	22.0	0.0
100	PI/2 BPSK	135	69	20.58	20.75	20.73	22.0	0.0
100	PI/2 BPSK	135	138	20.78	20.79	20.60	22.0	0.0
100	PI/2 BPSK	270	0	20.50	20.81	20.54		
100	QPSK	1	1	20.85	20.89	20.87	22.0	0.0
100	QPSK	1	137	20.59	20.77	20.72		
100	QPSK	1	271	20.72	20.62	20.75		
100	QPSK	135	0	20.60	20.73	20.64	22.0	0.0
100	QPSK	135	69	20.81	20.86	20.78	22.0	0.0
100	QPSK	135	138	20.58	20.78	20.62	22.0	0.0
100	QPSK	270	0	20.67	20.83	20.53		
100	16QAM	1	1	20.65	20.67	20.78	22.0	0.0
100	64QAM	1	1	20.79	20.74	20.71	22.0	0.0
100	256QAM	1	1	20.47	20.85	20.63	22.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	20.66	20.80	20.78	22.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	20.81	20.79	20.70	22.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	20.81	20.83	20.79	22.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	20.67	20.85	20.80	22.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	20.68	20.83	20.75	22.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	20.72	20.74	20.78	22.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.66	20.71	20.79	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.77	20.85	20.69	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.72	20.71	20.75	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.69	20.70	20.77	22.0	0.0

Reduced Power Mode for DSI2 ENDC Simultaneous

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.72	21.80	21.79	22.5	0.0
20	PI/2 BPSK	1	53	21.87	21.83	21.71		
20	PI/2 BPSK	1	104	21.72	21.74	21.73		
20	PI/2 BPSK	50	0	21.85	21.84	21.71	22.5	0.0
20	PI/2 BPSK	50	28	21.73	21.72	21.86	22.5	0.0
20	PI/2 BPSK	50	56	21.74	21.69	21.77	22.5	0.0
20	PI/2 BPSK	100	0	21.81	21.80	21.81		
20	QPSK	1	1	21.86	21.88	21.83	22.5	0.0
20	QPSK	1	53	21.81	21.70	21.81		
20	QPSK	1	104	21.81	21.74	21.72		
20	QPSK	50	0	21.76	21.85	21.82	22.5	0.0
20	QPSK	50	28	21.74	21.84	21.74	22.5	0.0
20	QPSK	50	56	21.82	21.81	21.81	22.5	0.0
20	QPSK	100	0	21.75	21.83	21.78		
20	16QAM	1	1	21.76	21.86	21.70	22.5	0.0
20	64QAM	1	1	21.73	21.73	21.70	22.5	0.0
20	256QAM	1	1	19.88	19.97	19.92	20.5	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.73	21.73	21.68	22.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.78	21.79	21.75	22.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.78	21.84	21.72	22.5	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.90	22.73	22.65	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.82	22.67		
40	PI/2 BPSK	1	214	22.72	22.74	22.86		
40	PI/2 BPSK	108	0	22.87	22.80	22.89	23.5	0.0
40	PI/2 BPSK	108	54	22.81	22.72	22.90	23.5	0.0
40	PI/2 BPSK	108	108	22.87	22.80	22.88	23.5	0.0
40	PI/2 BPSK	216	0	22.65	22.88	22.71		
40	QPSK	1	1	22.85	22.95	22.87	23.5	0.0
40	QPSK	1	108	22.79	22.65	22.75		
40	QPSK	1	214	22.75	22.85	22.69		
40	QPSK	108	0	22.71	22.79	22.85	23.5	0.0
40	QPSK	108	54	22.72	22.92	22.76	23.5	0.0
40	QPSK	108	108	22.72	22.82	22.82	23.5	0.0
40	QPSK	216	0	22.76	22.85	22.83		
40	16QAM	1	1	22.81	22.69	22.79	23.5	0.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	1.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.69	22.83	22.71	23.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.65	22.80	22.76	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.78	22.77	22.82	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.75	22.80	22.68	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.74	22.86	22.78	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.67	22.73	22.81	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.67	22.81	22.80	23.5	0.0

n71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0

n2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.64	17.69	17.71	18.5	0.0
20	PI/2 BPSK	1	53	17.59	17.49	17.80		
20	PI/2 BPSK	1	104	17.70	17.81	17.90		
20	PI/2 BPSK	50	0	17.78	17.80	17.80	18.5	0.0
20	PI/2 BPSK	50	28	17.80	17.64	17.62	18.5	0.0
20	PI/2 BPSK	50	56	17.55	17.55	17.59	18.5	0.0
20	PI/2 BPSK	100	0	17.76	17.84	17.62		
20	QPSK	1	1	17.84	17.91	17.88	18.5	0.0
20	QPSK	1	53	17.77	17.55	17.71		
20	QPSK	1	104	17.84	17.70	17.55		
20	QPSK	50	0	17.81	17.69	17.84	18.5	0.0
20	QPSK	50	28	17.86	17.90	17.83	18.5	0.0
20	QPSK	50	56	17.63	17.69	17.60	18.5	0.0
20	QPSK	100	0	17.64	17.86	17.58		
20	16QAM	1	1	17.85	17.56	17.60	18.5	0.0
20	64QAM	1	1	17.52	17.71	17.58	18.5	0.0
20	256QAM	1	1	17.81	17.46	17.54	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.80	17.74	17.74	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.72	17.81	17.74	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.76	17.77	17.76	18.5	0.0

n25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.51	17.63	17.72	18.5	0.0
40	PI/2 BPSK	1	108	17.60	17.44	17.63		
40	PI/2 BPSK	1	214	17.59	17.69	17.81		
40	PI/2 BPSK	108	0	17.66	17.86	17.68	18.5	0.0
40	PI/2 BPSK	108	54	17.81	17.65	17.65	18.5	0.0
40	PI/2 BPSK	108	108	17.52	17.55	17.49	18.5	0.0
40	PI/2 BPSK	216	0	17.80	17.69	17.61		
40	QPSK	1	1	17.86	17.92	17.84	18.5	0.0
40	QPSK	1	108	17.79	17.45	17.68		
40	QPSK	1	214	17.68	17.65	17.43		
40	QPSK	108	0	17.71	17.71	17.80	18.5	0.0
40	QPSK	108	54	17.81	17.87	17.83	18.5	0.0
40	QPSK	108	108	17.56	17.62	17.57	18.5	0.0
40	QPSK	216	0	17.54	17.83	17.57		
40	16QAM	1	1	17.76	17.57	17.64	18.5	0.0
40	64QAM	1	1	17.45	17.72	17.52	18.5	0.0
40	256QAM	1	1	17.85	17.32	17.40	18.5	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	17.60	17.79	17.74	18.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.73	17.77	17.61	18.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.66	17.82	17.69	18.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.74	17.75	17.80	18.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.63	17.78	17.72	18.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.82	17.73	17.65	18.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.62	17.76	17.72	18.5	0.0

n66 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.29	16.24	16.30	17.0	0.0
40	PI/2 BPSK	1	108	16.34	16.21	16.45		
40	PI/2 BPSK	1	214	16.12	16.30	16.31		
40	PI/2 BPSK	108	0	16.24	16.29	16.30	17.0	0.0
40	PI/2 BPSK	108	54	16.16	16.41	16.17	17.0	0.0
40	PI/2 BPSK	108	108	16.20	16.42	16.22	17.0	0.0
40	PI/2 BPSK	216	0	16.21	16.17	16.41		
40	QPSK	1	1	16.39	16.51	16.43	17.0	0.0
40	QPSK	1	108	16.31	16.15	16.30		
40	QPSK	1	214	16.41	16.38	16.28		
40	QPSK	108	0	16.24	16.23	16.14	17.0	0.0
40	QPSK	108	54	16.39	16.45	16.38	17.0	0.0
40	QPSK	108	108	16.30	16.20	16.16	17.0	0.0
40	QPSK	216	0	16.36	16.39	16.24		
40	16QAM	1	1	16.32	16.24	16.25	17.0	0.0
40	64QAM	1	1	16.26	16.38	16.31	17.0	0.0
40	256QAM	1	1	16.39	16.36	16.32	17.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.34	16.23	16.19	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.12	16.30	16.33	17.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.21	16.30	16.40	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.29	16.27	16.36	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.15	16.24	16.30	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.15	16.30	16.22	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.16	16.23	16.31	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.25	22.37	22.22	23.0	0.0
100	PI/2 BPSK	1	137	22.20	22.19	22.34		
100	PI/2 BPSK	1	271	22.25	22.41	22.31		
100	PI/2 BPSK	135	0	22.29	22.35	22.32	23.0	0.0
100	PI/2 BPSK	135	69	22.32	22.33	22.36	23.0	0.0
100	PI/2 BPSK	135	138	22.20	22.34	22.39	23.0	0.0
100	PI/2 BPSK	270	0	22.35	22.38	22.35		
100	QPSK	1	1	22.36	22.42	22.39	23.0	0.0
100	QPSK	1	137	22.40	22.28	22.19		
100	QPSK	1	271	22.21	22.19	22.28		
100	QPSK	135	0	22.34	22.21	22.33	23.0	0.0
100	QPSK	135	69	22.36	22.40	22.38	23.0	0.0
100	QPSK	135	138	22.27	22.25	22.21	23.0	0.0
100	QPSK	270	0	22.23	22.38	22.33		
100	16QAM	1	1	22.36	22.20	22.28	23.0	0.0
100	64QAM	1	1	22.30	22.36	22.38	23.0	0.0
100	256QAM	1	1	20.95	21.03	20.97	22.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.25	22.35	22.28	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.19	22.37	22.23	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.23	22.34	22.35	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.22	22.22	22.28	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.28	22.36	22.24	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.25	22.36	22.20	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.21	22.24	22.22	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.25	22.36	22.19	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	22.22	22.36	22.25	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.30	22.35	22.29	23.0	0.0

Part27O n77 PC2 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.29	25.39	25.20	26.0	0.0
100	PI/2 BPSK	1	137	25.32	25.39	25.24		
100	PI/2 BPSK	1	271	25.29	25.34	25.22		
100	PI/2 BPSK	135	0	25.20	25.34	25.23	26.0	0.0
100	PI/2 BPSK	135	69	25.19	25.21	25.21	26.0	0.0
100	PI/2 BPSK	135	138	25.36	25.36	25.34	26.0	0.0
100	PI/2 BPSK	270	0	25.32	25.41	25.37		
100	QPSK	1	1	25.40	25.42	25.35	26.0	0.0
100	QPSK	1	137	25.39	25.35	25.39		
100	QPSK	1	271	25.33	25.40	25.23		
100	QPSK	135	0	25.34	25.23	25.23	26.0	0.0
100	QPSK	135	69	25.38	25.40	25.36	26.0	0.0
100	QPSK	135	138	25.24	25.37	25.24	26.0	0.0
100	QPSK	270	0	25.32	25.38	25.33		
100	16QAM	1	1	25.38	25.27	25.38	26.0	0.0
100	64QAM	1	1	23.66	23.82	23.61	24.5	1.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.20	25.23	25.18	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.26	25.37	25.17	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.24	25.34	25.30	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.26	25.38	25.21	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.33	25.26	25.25	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.31	25.32	25.23	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.32	25.31	25.23	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.30	25.36	25.20	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.26	25.33	25.16	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.24	25.32	25.22	26.0	0.0

Part27Q n77 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.13		23.0	0.0
100	PI/2 BPSK	1	137		22.19			
100	PI/2 BPSK	1	271		22.21			
100	PI/2 BPSK	135	0		22.26		23.0	0.0
100	PI/2 BPSK	135	69		22.21		23.0	0.0
100	PI/2 BPSK	135	138		22.09		23.0	0.0
100	PI/2 BPSK	270	0		22.19			
100	QPSK	1	1		22.29		23.0	0.0
100	QPSK	1	137		22.15			
100	QPSK	1	271		22.22			
100	QPSK	135	0		22.15		23.0	0.0
100	QPSK	135	69		22.26		23.0	0.0
100	QPSK	135	138		22.14		23.0	0.0
100	QPSK	270	0		22.22			
100	16QAM	1	1		22.16		23.0	0.0
100	64QAM	1	1		22.17		23.0	0.0
100	256QAM	1	1		20.94		22.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.20	22.11	22.17	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.16	22.12	22.18	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.15	22.19	22.11	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.07	22.13	22.04	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.13	22.12	22.06	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.22	22.14	22.08	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.19	22.15	22.05	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.12	22.19	22.08	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.15	22.19	22.17	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.19	22.21	22.18	23.0	0.0

Part27Q n77 PC2 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.26		26.0	0.0
100	PI/2 BPSK	1	137		25.19			
100	PI/2 BPSK	1	271		25.27			
100	PI/2 BPSK	135	0		25.18		26.0	0.0
100	PI/2 BPSK	135	69		25.15		26.0	0.0
100	PI/2 BPSK	135	138		25.25		26.0	0.0
100	PI/2 BPSK	270	0		25.20			
100	QPSK	1	1		25.29		26.0	0.0
100	QPSK	1	137		25.10			
100	QPSK	1	271		25.20			
100	QPSK	135	0		25.18		26.0	0.0
100	QPSK	135	69		25.25		26.0	0.0
100	QPSK	135	138		25.15		26.0	0.0
100	QPSK	270	0		25.23			
100	16QAM	1	1		25.19		26.0	0.0
100	64QAM	1	1		23.65		24.5	1.5
100	256QAM	1	1		21.65		22.5	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.10	25.17	25.06	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.18	25.22	25.18	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.17	25.16	25.08	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.14	25.12	25.10	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.15	25.17	25.11	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.13	25.14	25.20	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.03	25.18	25.13	26.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.10	25.23	25.09	26.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.08	25.11	25.20	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.10	25.12	25.22	26.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	21.89	21.84	21.94	23.0	0.0
100	PI/2 BPSK	1	137	21.80	21.88	21.95		
100	PI/2 BPSK	1	271	21.85	21.95	22.03		
100	PI/2 BPSK	135	0	21.92	21.91	21.89	23.0	0.0
100	PI/2 BPSK	135	69	21.86	21.90	22.04	23.0	0.0
100	PI/2 BPSK	135	138	21.82	21.92	21.94	23.0	0.0
100	PI/2 BPSK	270	0	21.77	21.88	21.85		
100	QPSK	1	1	22.07	22.08	21.96	23.0	0.0
100	QPSK	1	137	21.82	21.90	21.97		
100	QPSK	1	271	21.94	21.87	21.96		
100	QPSK	135	0	21.83	21.86	21.93	23.0	0.0
100	QPSK	135	69	22.03	22.06	21.96	23.0	0.0
100	QPSK	135	138	21.90	21.79	21.80	23.0	0.0
100	QPSK	270	0	21.92	22.01	21.74		
100	16QAM	1	1	21.81	21.77	21.94	23.0	0.0
100	64QAM	1	1	21.95	21.80	21.79	23.0	0.0
100	256QAM	1	1	21.72	21.95	21.82	23.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	21.93	22.00	21.84	23.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	21.93	21.99	21.84	23.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.00	21.93	21.84	23.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	21.95	21.97	21.83	23.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	21.96	22.00	21.81	23.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	21.98	21.97	21.80	23.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.90	22.03	21.83	23.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.00	21.99	21.78	23.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.89	21.91	21.83	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.01	21.89	21.81	23.0	0.0

Part27O n78 Ant6

BW [MHz]	Modulation	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		22.37		23.0	0.0
100	PI/2 BPSK	1	137		22.33			
100	PI/2 BPSK	1	271		22.47			
100	PI/2 BPSK	135	0		22.26		23.0	0.0
100	PI/2 BPSK	135	69		22.44		23.0	0.0
100	PI/2 BPSK	135	138		22.37		23.0	0.0
100	PI/2 BPSK	270	0		22.38			
100	QPSK	1	1		22.49		23.0	0.0
100	QPSK	1	137		22.47			
100	QPSK	1	271		22.35			
100	QPSK	135	0		22.38		23.0	0.0
100	QPSK	135	69		22.44		23.0	0.0
100	QPSK	135	138		22.37		23.0	0.0
100	QPSK	270	0		22.41			
100	16QAM	1	1		22.45		23.0	0.0
100	64QAM	1	1		21.22		21.5	1.5
100	256QAM	1	1		19.27		19.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.30	22.43	22.40	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	22.31	22.42	22.29	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.41	22.41	22.29	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.39	22.39	22.41	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.30	22.39	22.36	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.33	22.33	22.43	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.33	22.30	22.30	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.32	22.36	22.34	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.37	22.34	22.35	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.29	22.33	22.30	23.0	0.0

Part27Q n78 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.47		23.0	0.0
100	PI/2 BPSK	1	137		22.34			
100	PI/2 BPSK	1	271		22.38			
100	PI/2 BPSK	135	0		22.34		23.0	0.0
100	PI/2 BPSK	135	69		22.42		23.0	0.0
100	PI/2 BPSK	135	138		22.45		23.0	0.0
100	PI/2 BPSK	270	0		22.33			
100	QPSK	1	1		22.48		23.0	0.0
100	QPSK	1	137		22.34			
100	QPSK	1	271		22.32			
100	QPSK	135	0		22.37		23.0	0.0
100	QPSK	135	69		22.43		23.0	0.0
100	QPSK	135	138		22.33		23.0	0.0
100	QPSK	270	0		22.39			
100	16QAM	1	1		22.26		23.0	0.0
100	64QAM	1	1		21.32		21.5	1.5
100	256QAM	1	1		19.38		19.5	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.39	22.34	22.42	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.42	22.41	22.41	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.30	22.32	22.34	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.41	22.36	22.31	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.40	22.39	22.38	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.38	22.33	22.42	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.39	22.44	22.37	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.29	22.39	22.33	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.40	22.31	22.42	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.37	22.31	22.39	23.0	0.0

Part96 n78 PC3 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	21.98	21.97	21.99	23.0	0.0
100	PI/2 BPSK	1	137	21.93	22.04	21.97		
100	PI/2 BPSK	1	271	21.99	21.93	22.00		
100	PI/2 BPSK	135	0	21.92	21.92	22.01	23.0	0.0
100	PI/2 BPSK	135	69	21.96	21.95	21.94	23.0	0.0
100	PI/2 BPSK	135	138	22.00	21.99	21.96	23.0	0.0
100	PI/2 BPSK	270	0	21.93	21.96	21.99		
100	QPSK	1	1	22.03	22.07	21.99	23.0	0.0
100	QPSK	1	137	22.00	21.98	21.93		
100	QPSK	1	271	21.99	21.96	21.94		
100	QPSK	135	0	22.04	22.03	22.01	23.0	0.0
100	QPSK	135	69	21.99	22.05	22.02	23.0	0.0
100	QPSK	135	138	22.02	21.97	21.93	23.0	0.0
100	QPSK	270	0	21.97	22.01	21.96		
100	16QAM	1	1	22.01	22.00	21.91	23.0	0.0
100	64QAM	1	1	20.50	20.57	20.44	21.5	1.5
100	256QAM	1	1	18.47	18.42	18.40	19.5	3.5
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	21.87	21.87	21.90	23.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	21.84	22.01	21.80	23.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	21.90	21.99	21.94	23.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	21.90	22.03	21.91	23.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	21.85	22.01	21.86	23.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	21.86	21.96	21.81	23.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.90	21.88	21.92	23.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.96	21.99	21.82	23.0	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	21.98	21.93	21.86	23.0	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	21.91	21.99	21.90	23.0	0.0

n38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.17	21.15	21.15	22.0	0.0
40	PI/2 BPSK	1	53	21.21	21.19	21.29		
40	PI/2 BPSK	1	104	21.15	21.27	21.35		
40	PI/2 BPSK	50	0	21.18	21.28	21.28	22.0	0.0
40	PI/2 BPSK	50	28	21.21	21.21	21.22	22.0	0.0
40	PI/2 BPSK	50	56	21.23	21.19	21.31	22.0	0.0
40	PI/2 BPSK	100	0	21.32	21.21	21.18		
40	QPSK	1	1	21.35	21.38	21.30	22.0	0.0
40	QPSK	1	53	21.22	21.24	21.20		
40	QPSK	1	104	21.24	21.22	21.19		
40	QPSK	50	0	21.30	21.35	21.16	22.0	0.0
40	QPSK	50	28	21.32	21.37	21.34	22.0	0.0
40	QPSK	50	56	21.20	21.17	21.15	22.0	0.0
40	QPSK	100	0	21.30	21.33	21.17		
40	16QAM	1	1	21.23	21.15	21.35	22.0	0.0
40	64QAM	1	1	21.12	21.22	21.12	21.5	0.5
40	256QAM	1	1	19.03	19.22	19.14	19.5	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.17	21.19	21.19	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.15	21.27	21.19	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.17	21.18	21.15	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.17	21.33	21.17	22.0	0.0

n41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.35	21.29	21.17	22.0	0.0
100	PI/2 BPSK	1	137	21.20	21.17	21.29		
100	PI/2 BPSK	1	271	21.30	21.22	21.34		
100	PI/2 BPSK	135	0	21.24	21.22	21.38	22.0	0.0
100	PI/2 BPSK	135	69	21.35	21.38	21.32	22.0	0.0
100	PI/2 BPSK	135	138	21.28	21.29	21.35	22.0	0.0
100	PI/2 BPSK	270	0	21.37	21.36	21.36		
100	QPSK	1	1	21.30	21.39	21.33	22.0	0.0
100	QPSK	1	137	21.33	21.31	21.21		
100	QPSK	1	271	21.25	21.28	21.18		
100	QPSK	135	0	21.19	21.28	21.19	22.0	0.0
100	QPSK	135	69	21.25	21.31	21.20	22.0	0.0
100	QPSK	135	138	21.17	21.20	21.27	22.0	0.0
100	QPSK	270	0	21.21	21.28	21.19		
100	16QAM	1	1	21.29	21.18	21.28	22.0	0.0
100	64QAM	1	1	21.18	21.23	21.37	22.0	0.0
100	256QAM	1	1	21.19	21.32	21.23	22.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.25	21.35	21.23	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.13	21.34	21.16	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.17	21.29	21.24	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.17	21.33	21.19	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.25	21.21	21.28	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.25	21.31	21.18	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.13	21.21	21.20	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.15	21.20	21.16	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.21	21.32	21.28	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.16	21.30	21.28	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.36	24.27	24.17	25.0	0.0
100	PI/2 BPSK	1	137	24.28	24.31	24.30		
100	PI/2 BPSK	1	271	24.29	24.19	24.22		
100	PI/2 BPSK	135	0	24.28	24.20	24.17	25.0	0.0
100	PI/2 BPSK	135	69	24.31	24.25	24.17	25.0	0.0
100	PI/2 BPSK	135	138	24.19	24.33	24.31	25.0	0.0
100	PI/2 BPSK	270	0	24.27	24.28	24.18		
100	QPSK	1	1	24.31	24.38	24.33	25.0	0.0
100	QPSK	1	137	24.20	24.29	24.31		
100	QPSK	1	271	24.21	24.21	24.15		
100	QPSK	135	0	24.33	24.17	24.21	25.0	0.0
100	QPSK	135	69	24.27	24.35	24.25	25.0	0.0
100	QPSK	135	138	24.23	24.17	24.32	25.0	0.0
100	QPSK	270	0	24.28	24.32	24.23		
100	16QAM	1	1	24.25	24.23	24.24	25.0	0.0
100	64QAM	1	1	22.76	22.74	22.68	24.5	0.5
100	256QAM	1	1	21.54	21.59	21.47	22.5	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.11	24.32	24.18	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.25	24.31	24.21	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.18	24.21	24.14	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.18	24.22	24.15	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.16	24.31	24.26	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.14	24.21	24.27	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.19	24.25	24.16	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.14	24.32	24.17	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.16	24.29	24.27	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.17	24.24	24.18	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.31	17.32	17.23	18.5	0.0
100	PI/2 BPSK	1	137	17.31	17.31	17.34		
100	PI/2 BPSK	1	271	17.19	17.18	17.22		
100	PI/2 BPSK	135	0	17.29	17.23	17.29	18.5	0.0
100	PI/2 BPSK	135	69	17.32	17.16	17.29	18.5	0.0
100	PI/2 BPSK	135	138	17.27	17.28	17.26	18.5	0.0
100	PI/2 BPSK	270	0	17.33	17.38	17.30		
100	QPSK	1	1	17.35	17.45	17.19	18.5	0.0
100	QPSK	1	137	17.10	17.34	17.35		
100	QPSK	1	271	17.21	17.13	17.27		
100	QPSK	135	0	17.11	17.13	17.40	18.5	0.0
100	QPSK	135	69	17.10	17.41	17.30	18.5	0.0
100	QPSK	135	138	17.31	17.30	17.08	18.5	0.0
100	QPSK	270	0	17.12	17.25	17.23		
100	16QAM	1	1	17.23	17.23	17.23	18.5	0.0
100	64QAM	1	1	17.13	17.23	17.23	18.5	0.0
100	256QAM	1	1	17.32	17.27	17.08	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.21	17.19	17.17	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.26	17.16	17.27	18.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.02	17.05	17.13	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.23	17.21	17.25	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.22	17.13	17.21	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.20	17.23	17.19	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.15	17.21	17.23	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.25	17.24	16.99	18.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.09	17.16	17.19	18.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.14	16.99	17.20	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.05	20.20	20.28	21.5	0.0
100	PI/2 BPSK	1	137	20.09	20.17	20.21		
100	PI/2 BPSK	1	271	20.10	20.22	20.24		
100	PI/2 BPSK	135	0	20.07	20.22	20.20	21.5	0.0
100	PI/2 BPSK	135	69	20.07	20.19	20.24	21.5	0.0
100	PI/2 BPSK	135	138	20.05	20.18	20.26	21.5	0.0
100	PI/2 BPSK	270	0	20.04	20.23	20.21		
100	QPSK	1	1	19.98	20.34	20.26	21.5	0.0
100	QPSK	1	137	20.00	20.25	20.27		
100	QPSK	1	271	20.08	20.19	20.18		
100	QPSK	135	0	20.08	20.21	20.27	21.5	0.0
100	QPSK	135	69	20.07	20.31	20.27	21.5	0.0
100	QPSK	135	138	20.00	20.22	20.29	21.5	0.0
100	QPSK	270	0	20.01	20.23	20.20		
100	16QAM	1	1	20.07	20.21	20.26	21.5	0.0
100	64QAM	1	1	20.02	20.21	20.18	21.5	0.0
100	256QAM	1	1	20.09	20.20	20.19	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.91	20.11	20.14	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.99	20.14	20.16	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.90	20.11	20.19	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.90	20.05	20.12	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.93	20.12	20.12	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.92	20.05	20.19	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.90	20.12	20.20	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.92	20.14	20.15	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.92	20.10	20.19	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.89	20.11	20.17	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	17.04	17.23	17.12	18.5	0.0
100	PI/2 BPSK	1	137	16.94	17.16	17.09		
100	PI/2 BPSK	1	271	17.24	16.95	17.09		
100	PI/2 BPSK	135	0	17.22	17.18	17.07	18.5	0.0
100	PI/2 BPSK	135	69	17.03	17.18	17.08	18.5	0.0
100	PI/2 BPSK	135	138	16.99	17.13	17.10	18.5	0.0
100	PI/2 BPSK	270	0	16.96	16.98	17.05		
100	QPSK	1	1	17.16	17.25	17.15	18.5	0.0
100	QPSK	1	137	17.07	17.15	17.16		
100	QPSK	1	271	17.14	17.07	16.92		
100	QPSK	135	0	17.13	17.15	17.03	18.5	0.0
100	QPSK	135	69	16.95	17.21	17.13	18.5	0.0
100	QPSK	135	138	16.97	17.02	17.15	18.5	0.0
100	QPSK	270	0	17.11	17.16	17.07		
100	16QAM	1	1	17.13	17.09	17.11	18.5	0.0
100	64QAM	1	1	17.04	17.01	17.18	18.5	0.0
100	256QAM	1	1	17.07	16.96	17.12	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	16.94	17.03	16.93	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	16.83	17.08	16.97	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.09	16.86	16.92	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	16.95	17.09	17.03	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	16.94	17.01	16.99	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.90	16.96	16.98	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.95	17.00	17.08	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	16.98	17.03	16.86	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	16.90	16.90	17.09	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.08	17.00	17.10	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.92	20.18	19.97	21.5	0.0
100	PI/2 BPSK	1	137	19.85	20.22	20.00		
100	PI/2 BPSK	1	271	19.93	20.13	20.00		
100	PI/2 BPSK	135	0	19.89	20.19	20.02	21.5	0.0
100	PI/2 BPSK	135	69	19.94	20.11	20.03	21.5	0.0
100	PI/2 BPSK	135	138	19.91	20.21	19.99	21.5	0.0
100	PI/2 BPSK	270	0	19.93	20.16	20.05		
100	QPSK	1	1	19.85	20.23	19.97	21.5	0.0
100	QPSK	1	137	19.87	20.16	20.00		
100	QPSK	1	271	19.90	20.14	20.03		
100	QPSK	135	0	19.85	20.14	20.00	21.5	0.0
100	QPSK	135	69	19.85	20.20	20.07	21.5	0.0
100	QPSK	135	138	19.95	20.13	19.99	21.5	0.0
100	QPSK	270	0	19.89	20.12	20.05		
100	16QAM	1	1	19.87	20.14	19.96	21.5	0.0
100	64QAM	1	1	19.86	20.14	20.01	21.5	0.0
100	256QAM	1	1	19.91	20.13	20.05	21.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.79	19.95	20.01	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.83	19.94	20.07	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.80	19.89	20.10	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.80	19.94	20.03	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.79	19.89	20.13	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.85	19.89	20.02	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.75	19.93	20.12	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.84	19.91	20.03	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.80	19.86	20.11	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.76	19.86	20.05	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.14		18.5	0.0
100	PI/2 BPSK	1	137		17.16			
100	PI/2 BPSK	1	271		17.00			
100	PI/2 BPSK	135	0		17.12		18.5	0.0
100	PI/2 BPSK	135	69		17.12		18.5	0.0
100	PI/2 BPSK	135	138		17.16		18.5	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.25		18.5	0.0
100	QPSK	1	137		17.14			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.16		18.5	0.0
100	QPSK	135	69		17.18		18.5	0.0
100	QPSK	135	138		17.04		18.5	0.0
100	QPSK	270	0		17.18			
100	16QAM	1	1		17.10		18.5	0.0
100	64QAM	1	1		17.01		18.5	0.0
100	256QAM	1	1		17.05		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.93	17.12	17.02	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.86	16.99	17.05	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.15	17.11	16.96	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.85	17.01	16.92	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.90	16.94	16.93	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.97	17.00	17.12	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.04	17.00	16.92	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.85	17.14	16.98	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.01	16.97	16.92	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.94	16.90	17.02	18.5	0.0

Part27Q n77 PC2 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.00		21.5	0.0
100	PI/2 BPSK	1	137		20.06			
100	PI/2 BPSK	1	271		20.04			
100	PI/2 BPSK	135	0		20.02		21.5	0.0
100	PI/2 BPSK	135	69		19.98		21.5	0.0
100	PI/2 BPSK	135	138		20.07		21.5	0.0
100	PI/2 BPSK	270	0		19.96			
100	QPSK	1	1		20.15		21.5	0.0
100	QPSK	1	137		19.97			
100	QPSK	1	271		20.01			
100	QPSK	135	0		19.97		21.5	0.0
100	QPSK	135	69		20.11		21.5	0.0
100	QPSK	135	138		20.03		21.5	0.0
100	QPSK	270	0		20.03			
100	16QAM	1	1		20.03		21.5	0.0
100	64QAM	1	1		19.98		21.5	0.0
100	256QAM	1	1		20.05		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.78	19.87	20.02	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.80	19.87	20.05	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.77	19.90	20.02	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.85	19.94	20.09	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.84	19.91	20.03	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.82	19.92	20.01	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.82	19.88	20.08	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.78	19.91	20.08	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.76	19.92	20.12	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.84	19.95	20.06	21.5	0.0

Part96 n77 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	17.00	17.05	16.96	18.5	0.0
100	PI/2 BPSK	1	137	16.91	17.08	16.97		
100	PI/2 BPSK	1	271	17.06	16.92	16.92		
100	PI/2 BPSK	135	0	17.15	17.07	17.05	18.5	0.0
100	PI/2 BPSK	135	69	16.92	17.02	17.00	18.5	0.0
100	PI/2 BPSK	135	138	16.94	17.05	16.94	18.5	0.0
100	PI/2 BPSK	270	0	16.86	16.94	16.90		
100	QPSK	1	1	17.00	17.17	17.08	18.5	0.0
100	QPSK	1	137	16.99	17.00	17.15		
100	QPSK	1	271	16.95	16.93	16.83		
100	QPSK	135	0	16.95	16.99	16.89	18.5	0.0
100	QPSK	135	69	16.92	17.16	16.98	18.5	0.0
100	QPSK	135	138	16.93	16.86	16.99	18.5	0.0
100	QPSK	270	0	16.97	17.02	16.99		
100	16QAM	1	1	17.08	17.11	17.03	18.5	0.0
100	64QAM	1	1	16.99	16.87	16.98	18.5	0.0
100	256QAM	1	1	17.03	16.91	17.01	18.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	16.87	17.02	16.98	18.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	16.81	16.93	16.89	18.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	17.05	16.98	16.96	18.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	16.91	16.91	16.87	18.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	16.88	16.88	16.88	18.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	16.93	17.01	17.07	18.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.95	17.03	16.81	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.82	16.88	16.94	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.94	17.02	16.85	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.95	16.84	17.03	18.5	0.0

Reduced Power Mode for DSI3 Simultaneous

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.68	20.81	20.74	21.5	0.0
20	PI/2 BPSK	1	53	20.65	20.58	20.71		
20	PI/2 BPSK	1	104	20.67	20.68	20.60		
20	PI/2 BPSK	50	0	20.65	20.68	20.64	21.5	0.0
20	PI/2 BPSK	50	28	20.79	20.68	20.69	21.5	0.0
20	PI/2 BPSK	50	56	20.80	20.79	20.81	21.5	0.0
20	PI/2 BPSK	100	0	20.67	20.71	20.76		
20	QPSK	1	1	20.63	20.86	20.77	21.5	0.0
20	QPSK	1	53	20.79	20.71	20.68		
20	QPSK	1	104	20.77	20.76	20.59		
20	QPSK	50	0	20.63	20.83	20.63	21.5	0.0
20	QPSK	50	28	20.80	20.84	20.78	21.5	0.0
20	QPSK	50	56	20.75	20.60	20.65	21.5	0.0
20	QPSK	100	0	20.73	20.76	20.65		
20	16QAM	1	1	20.60	20.84	20.78	21.5	0.0
20	64QAM	1	1	20.81	20.65	20.65	21.5	0.0
20	256QAM	1	1	19.74	19.89	19.81	20.0	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.56	20.81	20.71	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.49	20.75	20.60	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.50	20.68	20.68	21.5	0.0

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

n14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		24.09		25.0	0.0
10	PI/2 BPSK	1	26		23.99			
10	PI/2 BPSK	1	50		23.89			
10	PI/2 BPSK	25	0		23.92		24.5	0.5
10	PI/2 BPSK	25	14		23.88		25.0	0.0
10	PI/2 BPSK	25	27		23.84		24.5	0.5
10	PI/2 BPSK	50	0		23.92			
10	QPSK	1	1		24.10		25.0	0.0
10	QPSK	1	26		23.94			
10	QPSK	1	50		23.96			
10	QPSK	25	0		23.93		24.0	1.0
10	QPSK	25	14		24.06		25.0	0.0
10	QPSK	25	27		23.01		24.0	1.0
10	QPSK	50	0		23.08			
10	16QAM	1	1		23.06		24.0	1.0
10	64QAM	1	1		21.60		22.5	2.5
10	256QAM	1	1		19.52		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0

n25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.75	20.72	20.71	21.5	0.0
40	PI/2 BPSK	1	108	20.64	20.65	20.85		
40	PI/2 BPSK	1	214	20.72	20.64	20.86		
40	PI/2 BPSK	108	0	20.74	20.70	20.82	21.5	0.0
40	PI/2 BPSK	108	54	20.88	20.66	20.82	21.5	0.0
40	PI/2 BPSK	108	108	20.62	20.84	20.66	21.5	0.0
40	PI/2 BPSK	216	0	20.63	20.78	20.82		
40	QPSK	1	1	20.83	20.90	20.86	21.5	0.0
40	QPSK	1	108	20.65	20.72	20.86		
40	QPSK	1	214	20.68	20.86	20.70		
40	QPSK	108	0	20.85	20.87	20.79	21.5	0.0
40	QPSK	108	54	20.73	20.88	20.79	21.5	0.0
40	QPSK	108	108	20.70	20.86	20.72	21.5	0.0
40	QPSK	216	0	20.78	20.81	20.80		
40	16QAM	1	1	20.85	20.87	20.72	21.5	0.0
40	64QAM	1	1	20.69	20.83	20.86	21.5	0.0
40	256QAM	1	1	19.51	19.71	19.57	20.0	1.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	20.71	20.88	20.79	21.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.67	20.71	20.69	21.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.70	20.73	20.77	21.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.69	20.71	20.81	21.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.69	20.83	20.73	21.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.64	20.77	20.71	21.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.74	20.85	20.79	21.5	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.90	22.73	22.65	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.82	22.67		
40	PI/2 BPSK	1	214	22.72	22.74	22.86		
40	PI/2 BPSK	108	0	22.87	22.80	22.89	23.5	0.0
40	PI/2 BPSK	108	54	22.81	22.72	22.90	23.5	0.0
40	PI/2 BPSK	108	108	22.87	22.80	22.88	23.5	0.0
40	PI/2 BPSK	216	0	22.65	22.88	22.71		
40	QPSK	1	1	22.85	22.92	22.87	23.5	0.0
40	QPSK	1	108	22.79	22.65	22.75		
40	QPSK	1	214	22.75	22.85	22.69		
40	QPSK	108	0	22.71	22.79	22.85	23.5	0.0
40	QPSK	108	54	22.72	22.87	22.76	23.5	0.0
40	QPSK	108	108	22.72	22.82	22.82	23.5	0.0
40	QPSK	216	0	22.76	22.85	22.83		
40	16QAM	1	1	22.81	22.69	22.79	23.5	0.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	1.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	3.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.69	22.83	22.71	23.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.65	22.80	22.76	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.78	22.77	22.82	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.75	22.80	22.68	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.74	22.86	22.78	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.67	22.73	22.81	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.67	22.81	22.80	23.5	0.0

n71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0
100	PI/2 BPSK	1	137	21.25	21.36	21.22		
100	PI/2 BPSK	1	271	21.35	21.41	21.25		
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0
100	PI/2 BPSK	270	0	21.20	21.41	21.19		
100	QPSK	1	1	21.52	21.55	21.39	22.0	0.0
100	QPSK	1	137	21.24	21.42	21.28		
100	QPSK	1	271	21.41	21.49	21.48		
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0
100	QPSK	270	0	21.28	21.51	21.46		
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0
100	PI/2 BPSK	1	137	24.38	24.42	24.40		
100	PI/2 BPSK	1	271	24.35	24.38	24.27		
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74		
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0
100	QPSK	1	137	24.56	24.53	24.52		
100	QPSK	1	271	24.27	24.49	24.38		
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0
100	QPSK	270	0	23.52	23.54	23.53		
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.41	24.49	24.42	25.0	0.0

n48 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3625	3680		
40	PI/2 BPSK	1	1	22.33	22.31	22.50	23.0	0.0
40	PI/2 BPSK	1	53	22.44	22.44	22.44		
40	PI/2 BPSK	1	104	22.36	22.44	22.39		
40	PI/2 BPSK	50	0	22.34	22.36	22.40	23.0	0.0
40	PI/2 BPSK	50	28	22.33	22.40	22.37	23.0	0.0
40	PI/2 BPSK	50	56	22.53	22.40	22.41	23.0	0.0
40	PI/2 BPSK	100	0	22.43	22.40	22.52		
40	QPSK	1	1	22.42	22.56	22.50	23.0	0.0
40	QPSK	1	53	22.38	22.45	22.47		
40	QPSK	1	104	22.54	22.44	22.53		
40	QPSK	50	0	22.29	22.41	22.39	23.0	0.0
40	QPSK	50	28	22.49	22.52	22.51	23.0	0.0
40	QPSK	50	56	22.37	22.29	22.45	23.0	0.0
40	QPSK	100	0	22.45	22.48	22.41		
40	16QAM	1	1	22.40	22.52	22.45	23.0	0.0
40	64QAM	1	1	20.47	20.63	20.61	21.5	1.5
40	256QAM	1	1	18.47	18.59	18.40	19.5	3.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565	3625	3685		
30	QPSK	1	1	22.37	22.45	22.37	23.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560	3625	3690		
20	QPSK	1	1	22.36	22.37	22.32	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3625	3695		
10	QPSK	1	1	22.34	22.43	22.41	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	23.09	23.23	23.22	24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.21	23.24		
100	PI/2 BPSK	1	271	23.17	23.25	23.12		
100	PI/2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0
100	PI/2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0
100	PI/2 BPSK	270	0	23.02	23.27	23.26		
100	QPSK	1	1	23.24	23.36	23.32	24.0	0.0
100	QPSK	1	137	23.20	23.28	23.04		
100	QPSK	1	271	23.26	23.29	23.27		
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0
100	QPSK	270	0	23.12	23.22	23.01		
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
90	QPSK	1	1	23.15	23.31	23.26	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
80	QPSK	1	1	23.12	23.30	23.28	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.05	23.31	23.18	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
60	QPSK	1	1	23.16	23.20	23.15	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725	3840	3955		
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715	3840	3965		
30	QPSK	1	1	23.07	23.24	23.20	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710	3840	3970		
20	QPSK	1	1	23.11	23.30	23.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.5	3840	3972.5		
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.16	23.24	23.23	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	26.14	26.21	25.97	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.23	26.15		
100	PI/2 BPSK	1	271	26.08	26.21	26.00		
100	PI/2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5
100	PI/2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5
100	PI/2 BPSK	270	0	25.69	25.83	25.68		
100	QPSK	1	1	26.19	26.36	26.35	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.07		
100	QPSK	1	271	26.17	26.31	26.26		
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0
100	QPSK	270	0	25.23	25.33	25.28		
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725	3840	3955		
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715	3840	3965		
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710	3840	3970		
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.5	3840	3972.5		
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.12	26.31	26.28	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					633332			
Frequency (MHz)					3500			
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.14		24.0	0.0
100	PI/2 BPSK	135	69		23.15		24.0	0.0
100	PI/2 BPSK	135	138		23.17		24.0	0.0
100	PI/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		23.16			
100	QPSK	1	271		23.17			
100	QPSK	135	0		23.17		24.0	0.0
100	QPSK	135	69		23.23		24.0	0.0
100	QPSK	135	138		23.01		24.0	0.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		23.10		24.0	0.0
100	64QAM	1	1		23.09		24.0	0.0
100	256QAM	1	1		20.94		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500	3505		
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500	3510		
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3500	3515		
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500	3520		
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475	3500	3525		
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470	3500	3530		
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3535		
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3500			
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.15			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.67		26.5	0.5
100	PI/2 BPSK	135	69		26.07		27.0	0.0
100	PI/2 BPSK	135	138		25.69		26.5	0.5
100	PI/2 BPSK	270	0		25.68			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.34		26.0	1.0
100	QPSK	135	69		26.20		27.0	0.0
100	QPSK	135	138		25.11		26.0	1.0
100	QPSK	270	0		25.25			
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.65		24.5	2.5
100	256QAM	1	1		21.65		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500	3505		
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500	3510		
80	QPSK	1	1	26.09	26.18	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3500	3515		
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500	3520		
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475	3500	3525		
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470	3500	3530		
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3535		
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3625	3650		
100	PI/2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.36	22.32	22.47		
100	PI/2 BPSK	1	271	22.36	22.46	22.48		
100	PI/2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0
100	PI/2 BPSK	270	0	22.32	22.42	22.31		
100	QPSK	1	1	22.49	22.52	22.45	23.5	0.0
100	QPSK	1	137	22.28	22.34	22.40		
100	QPSK	1	271	22.38	22.34	22.44		
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0
100	QPSK	270	0	22.39	22.44	22.31		
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595	3625	3655		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590	3625	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3625	3665		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	3625	3670		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575	3625	3675		
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3625	3625		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565	3625	3685		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560	3625	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3625	3692.5		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3625	3695		
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0

Part27O n78 Ant6

BW [MHz]	Modulation	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		23.37		24.0	0.0
100	PI/2 BPSK	1	137		23.39			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.25		23.5	0.5
100	PI/2 BPSK	270	0		23.32			
100	QPSK	1	1		23.48		24.0	0.0
100	QPSK	1	137		23.35			
100	QPSK	1	271		23.40			
100	QPSK	135	0		22.77		23.0	1.0
100	QPSK	135	69		23.43		24.0	0.0
100	QPSK	135	138		22.61		23.0	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.58		23.0	1.0
100	64QAM	1	1		21.22		21.5	2.5
100	256QAM	1	1		19.27		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
90	QPSK	1	1	23.39	23.42	23.30	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760		
80	QPSK	1	1	23.30	23.30	23.31	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.33	23.36	23.44	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3770		
60	QPSK	1	1	23.32	23.29	23.41	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725	3750	3775		
50	QPSK	1	1	23.37	23.37	23.41	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715	3750	3785		
30	QPSK	1	1	23.42	23.41	23.31	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710	3750	3790		
20	QPSK	1	1	23.40	23.31	23.31	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.5	3750	3792.5		
15	QPSK	1	1	23.42	23.43	23.36	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0

Part27Q n78 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3500			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.41			
100	PI/2 BPSK	135	0		23.03		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.09		23.5	0.5
100	PI/2 BPSK	270	0		22.91			
100	QPSK	1	1		23.46		24.0	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.37			
100	QPSK	135	0		22.83		23.0	1.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		22.58		23.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.71		23.0	1.0
100	64QAM	1	1		21.32		21.5	2.5
100	256QAM	1	1		19.38		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500	3505		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500	3510		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3500	3515		
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500	3520		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475	3500	3525		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470	3500	3530		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3535		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0

Part96 n78 PC3 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				640000	641666	643332		
Frequency (MHz)				3600	3625	3650		
100	PI/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.42	22.42	22.42		
100	PI/2 BPSK	1	271	22.41	22.30	22.29		
100	PI/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0
100	PI/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0
100	PI/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0
100	PI/2 BPSK	270	0	22.48	22.47	22.37		
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
100	QPSK	1	137	22.37	22.44	22.41		
100	QPSK	1	271	22.33	22.36	22.33		
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5
100	QPSK	270	0	21.96	22.09	21.97		
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595	3625	3755		
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590	3625	3660		
80	QPSK	1	1	22.24	22.39	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3625	3665		
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	3625	3670		
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575	3625	3675		
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3625	3680		
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565	3625	3685		
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560	3625	3690		
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3625	3542.5		
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3625	3545		
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.75	22.78	22.73	23.5	0.0
40	PI/2 BPSK	1	53	22.69	22.76	22.85		
40	PI/2 BPSK	1	104	22.86	22.89	22.84		
40	PI/2 BPSK	50	0	22.75	22.70	22.66	23.5	0.0
40	PI/2 BPSK	50	28	22.87	22.88	22.76	23.5	0.0
40	PI/2 BPSK	50	56	22.89	22.90	22.73	23.5	0.0
40	PI/2 BPSK	100	0	22.72	22.87	22.72		
40	QPSK	1	1	22.87	22.93	22.90	23.5	0.0
40	QPSK	1	53	22.72	22.70	22.83		
40	QPSK	1	104	22.68	22.73	22.79		
40	QPSK	50	0	22.73	22.74	22.62	23.0	0.5
40	QPSK	50	28	22.85	22.91	22.87	23.5	0.0
40	QPSK	50	56	22.51	22.58	22.43	23.0	0.5
40	QPSK	100	0	22.54	22.61	22.45		
40	16QAM	1	1	22.65	22.75	22.64	23.0	0.5
40	64QAM	1	1	21.12	21.22	21.12	21.5	2.0
40	256QAM	1	1	19.03	19.22	19.14	19.5	4.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.70	22.82	22.83	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.68	22.77	22.76	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.74	22.82	22.81	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.73	22.78	22.78	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.75	22.92	22.79	23.5	0.0
100	PI/2 BPSK	1	137	22.85	22.77	22.88		
100	PI/2 BPSK	1	271	22.76	22.68	22.76		
100	PI/2 BPSK	135	0	22.66	22.87	22.92	23.5	0.0
100	PI/2 BPSK	135	69	22.72	22.90	22.87	23.5	0.0
100	PI/2 BPSK	135	138	22.82	22.70	22.82	23.5	0.0
100	PI/2 BPSK	270	0	22.84	22.69	22.85		
100	QPSK	1	1	22.86	22.94	22.91	23.5	0.0
100	QPSK	1	137	22.70	22.89	22.68		
100	QPSK	1	271	22.68	22.78	22.85		
100	QPSK	135	0	22.78	22.71	22.84	23.5	0.0
100	QPSK	135	69	22.87	22.91	22.81	23.5	0.0
100	QPSK	135	138	22.87	22.73	22.89	23.5	0.0
100	QPSK	270	0	22.82	22.86	22.72		
100	16QAM	1	1	22.82	22.71	22.72	23.5	0.0
100	64QAM	1	1	22.74	22.91	22.82	23.5	0.0
100	256QAM	1	1	22.26	22.24	22.27	22.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.79	22.85	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.75	22.79	22.78	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.67	22.85	22.74	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.78	22.72	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.76	22.83	22.73	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.78	22.86	22.82	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.70	22.77	22.74	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.80	22.81	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.67	22.82	22.74	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.75	22.84	22.84	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.72	25.70	25.86	26.5	0.0
100	PI/2 BPSK	1	137	25.84	25.78	25.82		
100	PI/2 BPSK	1	271	25.86	25.89	25.89		
100	PI/2 BPSK	135	0	25.82	25.81	25.79	26.5	0.0
100	PI/2 BPSK	135	69	25.86	25.72	25.64	26.5	0.0
100	PI/2 BPSK	135	138	25.70	25.86	25.71	26.5	0.0
100	PI/2 BPSK	270	0	25.84	25.78	25.89		
100	QPSK	1	1	25.87	25.92	25.90	26.5	0.0
100	QPSK	1	137	25.81	25.71	25.77		
100	QPSK	1	271	25.83	25.86	25.70		
100	QPSK	135	0	25.32	25.41	25.33	26.0	0.5
100	QPSK	135	69	25.83	25.88	25.72	26.5	0.0
100	QPSK	135	138	25.36	25.54	25.31	26.0	0.5
100	QPSK	270	0	25.14	25.36	25.14		
100	16QAM	1	1	25.36	25.34	25.18	26.0	0.5
100	64QAM	1	1	22.76	22.74	22.68	24.5	2.0
100	256QAM	1	1	21.54	21.59	21.47	22.5	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.76	25.84	25.72	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.67	25.79	25.78	26.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.68	25.82	25.77	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.76	25.80	25.86	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.68	25.81	25.70	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.79	25.86	25.70	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.77	25.80	25.79	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.80	25.79	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.80	25.77	25.81	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.71	25.80	25.81	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	18.33	18.43	18.22	20.0	0.0
100	PI/2 BPSK	1	137	18.28	18.47	18.31		
100	PI/2 BPSK	1	271	18.08	18.18	18.09		
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0
100	PI/2 BPSK	270	0	18.26	18.27	18.09		
100	QPSK	1	1	18.43	18.59	18.39	20.0	0.0
100	QPSK	1	137	18.48	18.44	18.44		
100	QPSK	1	271	18.06	18.28	18.22		
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0
100	QPSK	270	0	18.19	18.33	18.24		
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.28	21.32	21.21	23.0	0.0
100	PI/2 BPSK	1	137	21.46	21.44	21.29		
100	PI/2 BPSK	1	271	21.53	21.75	21.62		
100	PI/2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5
100	PI/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0
100	PI/2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5
100	PI/2 BPSK	270	0	20.89	20.94	20.87		
100	QPSK	1	1	21.81	21.85	21.70	23.0	0.0
100	QPSK	1	137	21.40	21.47	21.42		
100	QPSK	1	271	21.62	21.78	21.58		
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0
100	QPSK	270	0	20.49	20.64	20.47		
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.76	21.68	21.65	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	21.62	21.70	21.55	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.80	21.56	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	21.72	21.66	21.65	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	21.62	21.72	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.73	21.76	21.54	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	21.61	21.74	21.52	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	21.76	21.69	21.64	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.69	21.73	21.56	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.32		20.0	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.43		20.0	0.0
100	PI/2 BPSK	135	69		18.51		20.0	0.0
100	PI/2 BPSK	135	138		18.25		20.0	0.0
100	PI/2 BPSK	270	0		18.21			
100	QPSK	1	1		18.54		20.0	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.11		20.0	0.0
100	QPSK	135	69		18.52		20.0	0.0
100	QPSK	135	138		18.36		20.0	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.23		20.0	0.0
100	64QAM	1	1		18.19		20.0	0.0
100	256QAM	1	1		17.06		18.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.34	18.41	18.49	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.30		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		20.95		22.5	0.5
100	PI/2 BPSK	135	69		21.41		23.0	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.5
100	PI/2 BPSK	270	0		20.86			
100	QPSK	1	1		21.79		23.0	0.0
100	QPSK	1	137		21.54			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.18		22.0	1.0
100	QPSK	135	69		21.46		23.0	0.0
100	QPSK	135	138		20.38		22.0	1.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.46		22.0	1.0
100	64QAM	1	1		18.89		20.5	2.5
100	256QAM	1	1		16.65		18.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.60	21.69	21.70	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.68	21.68	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.60	21.69	21.63	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15		
100	PI/2 BPSK	1	271	17.81	17.89	17.74		
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26		
100	QPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	QPSK	1	137	18.29	18.38	18.35		
100	QPSK	1	271	17.94	18.07	18.03		
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0
100	QPSK	270	0	18.25	18.36	18.21		
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.30	18.36	18.42	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0
100	PI/2 BPSK	1	137	22.49	22.63	22.48		
100	PI/2 BPSK	1	271	22.63	22.61	22.40		
100	PI/2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0
100	PI/2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0
100	PI/2 BPSK	270	0	22.57	22.75	22.55		
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0
100	QPSK	1	137	22.64	22.71	22.52		
100	QPSK	1	271	22.44	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0
100	QPSK	270	0	22.72	22.83	22.79		
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5
Channel				508200	518998	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0
Channel				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel				502200	518998	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0
Channel				500700	518998	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0
100	PI/2 BPSK	1	137	25.35	25.52	25.48		
100	PI/2 BPSK	1	271	25.25	25.44	25.41		
100	PI/2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.86	25.05	24.84		
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.28	25.44	25.38		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0
100	QPSK	270	0	24.70	24.73	24.62		
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5
Channel				508200	518998	529996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0
Channel				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel				502200	518998	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0
Channel				500700	518998	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.62	25.40	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	19.26	19.26	19.17	20.0	0.0
100	PI/2 BPSK	1	137	18.99	19.09	19.08		
100	PI/2 BPSK	1	271	19.28	19.26	19.08		
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0
100	PI/2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0
100	QPSK	1	137	18.89	19.12	18.93		
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.29	19.07	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	19.01	19.25	19.20	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.17	19.20	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	19.04	19.18	19.15	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	19.00	19.32	19.15	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.32	19.10	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	19.02	19.24	19.18	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	19.14	19.19	19.14	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	19.14	19.19	19.09	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.84	22.08	21.85	23.0	0.0
100	PI/2 BPSK	1	137	21.77	22.02	21.82		
100	PI/2 BPSK	1	271	21.94	22.16	22.09		
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5
100	PI/2 BPSK	270	0	21.44	21.45	21.27		
100	QPSK	1	1	22.10	22.17	22.03	23.0	0.0
100	QPSK	1	137	21.85	22.00	22.04		
100	QPSK	1	271	21.90	22.15	22.08		
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0
100	QPSK	270	0	21.01	21.09	20.93		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.03	22.08	21.95	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	22.11	21.91	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.04	22.02	21.92	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	21.96	22.07	21.87	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.99	22.08	21.98	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	21.97	22.03	21.84	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	21.98	22.11	21.89	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.93	22.11	21.98	23.0	0.0

Part27Q n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.94		19.0	0.0
100	PI/2 BPSK	1	137		17.98			
100	PI/2 BPSK	1	271		18.14			
100	PI/2 BPSK	135	0		17.98		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		18.12		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.34		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.31		19.0	0.0
100	QPSK	135	138		18.15		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.11		19.0	0.0
100	64QAM	1	1		16.98		17.5	1.5
100	256QAM	1	1		15.49		16.0	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.30	18.19	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.27	18.15	18.25	19.0	0.0

Part27Q n77 PC2 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.84		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		20.34		21.5	0.5
100	PI/2 BPSK	135	69		20.89		22.0	0.0
100	PI/2 BPSK	135	138		20.52		21.5	0.5
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		21.21			
100	QPSK	135	0		19.82		21.0	1.0
100	QPSK	135	69		21.16		22.0	0.0
100	QPSK	135	138		19.97		21.0	1.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.95		21.0	1.0
100	64QAM	1	1		18.40		19.5	2.5
100	256QAM	1	1		16.34		17.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.07	21.11	21.19	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.90	18.88		
100	PI/2 BPSK	1	271	18.99	19.07	19.01		
100	PI/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0
100	PI/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.86	18.83		
100	QPSK	1	1	19.00	19.12	19.07	20.0	0.0
100	QPSK	1	137	18.51	18.69	18.54		
100	QPSK	1	271	18.99	19.10	18.95		
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0	18.90	19.03	18.85		
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.06	18.96	19.06	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.29	20.34	20.28	21.5	0.0
100	PI/2 BPSK	1	137	20.30	20.26	20.36		
100	PI/2 BPSK	1	271	20.16	20.14	20.24		
100	PI/2 BPSK	135	0	20.30	20.26	20.31	21.5	0.0
100	PI/2 BPSK	135	69	20.35	20.19	20.26	21.5	0.0
100	PI/2 BPSK	135	138	20.25	20.30	20.30	21.5	0.0
100	PI/2 BPSK	270	0	20.28	20.35	20.28		
100	QPSK	1	1	20.32	20.39	20.14	21.5	0.0
100	QPSK	1	137	20.14	20.29	20.29		
100	QPSK	1	271	20.24	20.12	20.27		
100	QPSK	135	0	20.12	20.16	20.35	21.5	0.0
100	QPSK	135	69	20.12	20.37	20.33	21.5	0.0
100	QPSK	135	138	20.35	20.33	20.13	21.5	0.0
100	QPSK	270	0	20.13	20.31	20.28		
100	16QAM	1	1	20.28	20.21	20.26	21.5	0.0
100	64QAM	1	1	20.12	20.20	20.25	21.5	0.0
100	256QAM	1	1	20.31	20.31	20.13	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.17	20.27	20.00	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.22	20.26	20.08	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.25	20.21	20.08	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.23	20.25	19.95	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.24	20.26	20.01	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.19	20.23	20.10	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.14	20.32	20.06	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.18	20.35	20.04	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.26	20.24	20.04	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.26	20.25	20.05	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.04	23.20	23.24	24.5	0.0
100	PI/2 BPSK	1	137	23.27	22.98	23.26		
100	PI/2 BPSK	1	271	22.95	22.99	23.08		
100	PI/2 BPSK	135	0	23.06	23.03	23.17	24.5	0.0
100	PI/2 BPSK	135	69	23.30	23.09	23.11	24.5	0.0
100	PI/2 BPSK	135	138	23.20	23.20	23.04	24.5	0.0
100	PI/2 BPSK	270	0	23.08	23.32	23.04		
100	QPSK	1	1	23.29	23.34	23.20	24.5	0.0
100	QPSK	1	137	22.87	23.22	23.10		
100	QPSK	1	271	23.05	22.87	23.01		
100	QPSK	135	0	22.86	22.96	23.23	24.5	0.0
100	QPSK	135	69	23.04	23.31	23.09	24.5	0.0
100	QPSK	135	138	23.22	23.18	22.98	24.5	0.0
100	QPSK	270	0	23.07	23.28	23.10		
100	16QAM	1	1	23.09	23.01	23.00	24.5	0.0
100	64QAM	1	1	23.06	23.05	23.01	24.5	0.0
100	256QAM	1	1	22.45	22.51	22.26	23.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.21	23.21	23.06	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.21	23.21	23.06	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.10	23.18	23.07	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.23	23.26	23.06	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.17	23.22	23.09	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.14	23.22	23.11	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.24	23.23	23.11	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.19	23.22	23.14	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.16	23.16	23.03	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.16	23.19	23.06	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.07	20.18	20.09	21.5	0.0
100	PI/2 BPSK	1	137	19.96	20.12	20.09		
100	PI/2 BPSK	1	271	20.19	19.97	20.04		
100	PI/2 BPSK	135	0	20.21	20.18	20.10	21.5	0.0
100	PI/2 BPSK	135	69	20.01	20.15	20.07	21.5	0.0
100	PI/2 BPSK	135	138	20.05	20.12	20.04	21.5	0.0
100	PI/2 BPSK	270	0	20.01	20.02	20.05		
100	QPSK	1	1	20.11	20.23	20.18	21.5	0.0
100	QPSK	1	137	20.06	20.11	20.20		
100	QPSK	1	271	20.09	20.07	19.97		
100	QPSK	135	0	20.08	20.13	19.98	21.5	0.0
100	QPSK	135	69	20.00	20.21	20.13	21.5	0.0
100	QPSK	135	138	19.98	19.99	20.14	21.5	0.0
100	QPSK	270	0	20.08	20.13	20.05		
100	16QAM	1	1	20.14	20.15	20.17	21.5	0.0
100	64QAM	1	1	20.08	20.00	20.14	21.5	0.0
100	256QAM	1	1	19.50	19.61	19.62	21.0	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.07	20.18	20.00	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.02	20.15	20.12	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.04	20.11	20.13	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.95	20.17	20.10	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.01	20.03	20.12	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.97	20.15	20.13	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.01	20.16	20.13	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.99	20.12	19.98	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.00	20.13	20.06	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.06	20.09	20.11	21.5	0.0

Part27O n77 PC2 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.90	23.01	23.17	24.5	0.0
100	PI/2 BPSK	1	137	22.87	23.05	23.06		
100	PI/2 BPSK	1	271	23.08	22.89	22.96		
100	PI/2 BPSK	135	0	23.21	23.10	23.11	24.5	0.0
100	PI/2 BPSK	135	69	23.08	23.11	23.00	24.5	0.0
100	PI/2 BPSK	135	138	23.00	23.16	22.97	24.5	0.0
100	PI/2 BPSK	270	0	22.84	22.90	23.00		
100	QPSK	1	1	23.19	23.25	23.23	24.5	0.0
100	QPSK	1	137	22.97	23.01	23.13		
100	QPSK	1	271	22.93	23.04	23.02		
100	QPSK	135	0	22.94	23.11	23.05	24.5	0.0
100	QPSK	135	69	23.05	23.21	22.99	24.5	0.0
100	QPSK	135	138	22.81	22.87	23.09	24.5	0.0
100	QPSK	270	0	23.07	23.18	23.13		
100	16QAM	1	1	23.02	23.11	23.08	24.5	0.0
100	64QAM	1	1	22.93	22.92	22.97	24.5	0.0
100	256QAM	1	1	21.50	21.64	21.68	22.5	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.08	23.07	23.04	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.01	23.13	23.11	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.06	23.21	23.09	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.11	23.15	23.04	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.07	23.07	23.15	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.02	23.20	23.11	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.13	23.19	23.16	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	23.07	23.17	23.10	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.11	23.11	23.12	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.08	23.16	23.07	24.5	0.0

Part27Q n77 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.35		21.5	0.0
100	PI/2 BPSK	1	137		20.41			
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.39		21.5	0.0
100	PI/2 BPSK	135	69		20.32		21.5	0.0
100	PI/2 BPSK	135	138		20.25		21.5	0.0
100	PI/2 BPSK	270	0		20.29			
100	QPSK	1	1		20.47		21.5	0.0
100	QPSK	1	137		20.42			
100	QPSK	1	271		20.27			
100	QPSK	135	0		20.23		21.5	0.0
100	QPSK	135	69		20.45		21.5	0.0
100	QPSK	135	138		20.30		21.5	0.0
100	QPSK	270	0		20.38			
100	16QAM	1	1		20.35		21.5	0.0
100	64QAM	1	1		20.39		21.5	0.0
100	256QAM	1	1		20.13		21.0	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.15	20.38	20.25	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.33	20.35	20.41	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.19	20.43	20.34	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.14	20.28	20.40	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.17	20.43	20.22	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.22	20.31	20.25	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.23	20.39	20.24	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.31	20.40	20.19	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.23	20.36	20.21	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.21	20.27	20.22	21.5	0.0

Part27Q n77 PC2 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.24		24.5	0.0
100	PI/2 BPSK	1	137		23.30			
100	PI/2 BPSK	1	271		23.24			
100	PI/2 BPSK	135	0		23.39		24.5	0.0
100	PI/2 BPSK	135	69		23.36		24.5	0.0
100	PI/2 BPSK	135	138		23.26		24.5	0.0
100	PI/2 BPSK	270	0		23.20			
100	QPSK	1	1		23.49		24.5	0.0
100	QPSK	1	137		23.41			
100	QPSK	1	271		23.29			
100	QPSK	135	0		23.29		24.5	0.0
100	QPSK	135	69		23.43		24.5	0.0
100	QPSK	135	138		23.19		24.5	0.0
100	QPSK	270	0		23.32			
100	16QAM	1	1		23.18		24.5	0.0
100	64QAM	1	1		23.24		24.5	0.0
100	256QAM	1	1		21.79		22.5	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.20	23.29	23.22	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.17	23.25	23.35	24.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.17	23.26	23.30	24.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.26	23.34	23.29	24.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.23	23.23	23.20	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.36	23.45	23.19	24.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.24	23.35	23.29	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.34	23.27	23.38	24.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.28	23.39	23.23	24.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.28	23.27	23.31	24.5	0.0

Part96 n77 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	20.27	20.17	20.28	21.5	0.0
100	PI/2 BPSK	1	137	20.06	20.14	20.15		
100	PI/2 BPSK	1	271	20.16	20.37	20.38		
100	PI/2 BPSK	135	0	20.35	20.38	20.27	21.5	0.0
100	PI/2 BPSK	135	69	20.20	20.27	20.30	21.5	0.0
100	PI/2 BPSK	135	138	20.25	20.33	20.18	21.5	0.0
100	PI/2 BPSK	270	0	20.16	20.31	20.08		
100	QPSK	1	1	20.30	20.41	20.37	21.5	0.0
100	QPSK	1	137	20.03	20.27	20.24		
100	QPSK	1	271	20.20	20.02	20.22		
100	QPSK	135	0	20.24	20.26	20.22	21.5	0.0
100	QPSK	135	69	20.29	20.37	20.30	21.5	0.0
100	QPSK	135	138	20.10	20.15	20.12	21.5	0.0
100	QPSK	270	0	20.20	20.35	20.11		
100	16QAM	1	1	20.23	20.15	20.29	21.5	0.0
100	64QAM	1	1	20.32	20.14	20.22	21.5	0.0
100	256QAM	1	1	19.97	20.30	20.13	21.5	0.0
Channel				639668	641666	643664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	20.18	20.39	20.32	21.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	20.14	20.33	20.29	21.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	20.20	20.34	20.21	21.5	0.0
Channel				639668	641666	644668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	20.20	20.28	20.22	21.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	20.21	20.31	20.23	21.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	20.19	20.32	20.24	21.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.14	20.33	20.30	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.19	20.25	20.34	21.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.16	20.31	20.23	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.27	20.37	20.25	21.5	0.0

Part27O n77 Ant6

BW [MHz]	Modulation	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	20.19	20.20	20.18		
100	PI/2 BPSK	1	137	20.01	20.09	20.00	21.0	0.0
100	PI/2 BPSK	1	271	20.05	20.19	20.08		
100	PI/2 BPSK	135	0	20.18	20.05	20.14	21.0	0.0
100	PI/2 BPSK	135	69	20.16	20.13	20.12	21.0	0.0
100	PI/2 BPSK	135	138	20.17	20.03	20.15	21.0	0.0
100	PI/2 BPSK	270	0	20.14	20.18	20.13		
100	QPSK	1	1	20.12	20.21	20.14		
100	QPSK	1	137	20.09	19.97	20.11	21.0	0.0
100	QPSK	1	271	20.08	20.00	20.00		
100	QPSK	135	0	20.05	20.02	19.99	21.0	0.0
100	QPSK	135	69	20.08	20.17	20.07	21.0	0.0
100	QPSK	135	138	20.08	20.01	20.14	21.0	0.0
100	QPSK	270	0	20.13	20.14	20.06		
100	16QAM	1	1	20.11	20.16	20.04	21.0	0.0
100	64QAM	1	1	19.99	20.15	20.15	21.0	0.0
100	256QAM	1	1	20.03	19.99	20.03	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.04	20.01	20.07	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	20.04	20.11	20.01	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.98	20.10	20.02	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	19.94	20.07	20.02	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	19.92	20.05	20.00	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.07	20.10	19.96	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.02	20.15	20.02	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	20.06	20.09	20.03	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	19.96	20.01	20.07	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.95	20.12	20.03	21.0	0.0

Part27O n77 PC2 Ant6

BW [MHz]	Modulation	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	23.25	23.07	23.20		
100	PI/2 BPSK	1	137	23.18	23.26	23.26	24.0	0.0
100	PI/2 BPSK	1	271	23.11	23.22	23.26		
100	PI/2 BPSK	135	0	23.05	23.04	23.12	24.0	0.0
100	PI/2 BPSK	135	69	23.24	23.10	23.24	24.0	0.0
100	PI/2 BPSK	135	138	23.26	23.14	23.25	24.0	0.0
100	PI/2 BPSK	270	0	23.23	23.24	23.08		
100	QPSK	1	1	23.17	23.27	23.25		
100	QPSK	1	137	23.12	23.08	23.16	24.0	0.0
100	QPSK	1	271	23.10	23.12	23.13		
100	QPSK	135	0	23.06	23.11	23.16	24.0	0.0
100	QPSK	135	69	23.14	23.20	23.18	24.0	0.0
100	QPSK	135	138	23.15	23.13	23.06	24.0	0.0
100	QPSK	270	0	23.15	23.19	23.12		
100	16QAM	1	1	23.20	23.14	23.26	24.0	0.0
100	64QAM	1	1	23.11	23.24	23.21	24.0	0.0
100	256QAM	1	1	21.40	21.63	21.64	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.99	23.08	23.17	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	22.98	23.20	23.06	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.01	23.10	23.06	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	23.04	23.12	23.17	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.92	23.19	23.19	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.93	23.11	23.17	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.92	23.10	23.18	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	22.97	23.18	23.17	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.93	23.20	23.11	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.92	23.13	23.14	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.13			
100	PI/2 BPSK	1	137		20.11		21.0	0.0
100	PI/2 BPSK	1	271		20.17			
100	PI/2 BPSK	135	0		20.08		21.0	0.0
100	PI/2 BPSK	135	69		20.14		21.0	0.0
100	PI/2 BPSK	135	138		20.13		21.0	0.0
100	PI/2 BPSK	270	0		20.18			
100	QPSK	1	1		20.24			
100	QPSK	1	137		20.17		21.0	0.0
100	QPSK	1	271		20.06			
100	QPSK	135	0		20.15		21.0	0.0
100	QPSK	135	69		20.18		21.0	0.0
100	QPSK	135	138		20.11		21.0	0.0
100	QPSK	270	0		20.11			
100	16QAM	1	1		20.05		21.0	0.0
100	64QAM	1	1		20.12		21.0	0.0
100	256QAM	1	1		20.20		21.0	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3504.99		
90	QPSK	1	1	20.18	20.02	20.13	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.04	20.21	20.17	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.05	20.17	20.21	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.14	20.15	20.09	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.04	20.09	20.19	21.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.04	20.04	20.15	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.12	20.15	20.15	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.14	20.16	20.18	21.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.14	20.12	20.05	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.05	20.16	20.13	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.05			
100	PI/2 BPSK	1	137		23.08		24.0	0.0
100	PI/2 BPSK	1	271		23.11			
100	PI/2 BPSK	135	0		23.16		24.0	0.0
100	PI/2 BPSK	135	69		23.21		24.0	0.0
100	PI/2 BPSK	135	138		23.10		24.0	0.0
100	PI/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.31			
100	QPSK	1	137		23.08		24.0	0.0
100	QPSK	1	271		23.11			
100	QPSK	135	0		23.05		24.0	0.0
100	QPSK	135	69		23.27		24.0	0.0
100	QPSK	135	138		23.15		24.0	0.0
100	QPSK	270	0		23.21			
100	16QAM	1	1		23.04		24.0	0.0
100	64QAM	1	1		23.05		24.0	0.0
100	256QAM	1	1		21.65		22.5	1.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3504.99		
90	QPSK	1	1	23.15	23.18	23.13	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.04	23.12	23.01	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.13	23.18	23.10	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.09	23.22	23.13	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.16	23.20	23.10	24.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.05	23.21	23.10	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.17	23.19	23.08	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.18	23.20	23.07	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.17	23.20	23.07	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.14	23.12	23.04	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	20.05	20.00	20.01		
100	PI/2 BPSK	1	137	20.05	20.10	20.16	21.0	0.0
100	PI/2 BPSK	1	271	20.12	20.05	20.14		
100	PI/2 BPSK	135	0	20.05	20.00	20.11	21.0	0.0
100	PI/2 BPSK	135	69	20.08	20.07	20.16	21.0	0.0
100	PI/2 BPSK	135	138	20.01	20.03	20.10	21.0	0.0
100	PI/2 BPSK	270	0	20.07	20.06	20.07		
100	QPSK	1	1	20.01	20.17	20.13		
100	QPSK	1	137	20.01	20.04	20.04	21.0	0.0
100	QPSK	1	271	20.13	20.04	20.09		
100	QPSK	135	0	20.06	20.01	20.07	21.0	0.0
100	QPSK	135	69	20.14	20.15	20.13	21.0	0.0
100	QPSK	135	138	20.06	20.08	20.12	21.0	0.0
100	QPSK	270	0	20.08	20.12	20.08		
100	16QAM	1	1	20.05	20.01	20.13	21.0	0.0
100	64QAM	1	1	20.08	20.07	20.10	21.0	0.0
100	256QAM	1	1	20.13	20.12	20.00	21.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	19.86	20.03	19.97	21.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.90	20.08	19.96	21.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595	3624.99	3654.98		
70	QPSK	1	1	19.93	20.11	20.00	21.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	19.95	20.08	19.97	21.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.96	20.04	20.08	21.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.83	20.06	20.01	21.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.95	20.00	19.97	21.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.93	20.08	20.04	21.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.93	20.06	20.03	21.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.88	20.07	19.95	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		20.24			
100	PI/2 BPSK	1	137		20.23		21.0	0.0
100	PI/2 BPSK	1	271		20.27			
100	PI/2 BPSK	135	0		20.29		21.0	0.0
100	PI/2 BPSK	135	69		20.32		21.0	0.0
100	PI/2 BPSK	135	138		20.23		21.0	0.0
100	PI/2 BPSK	270	0		20.21			
100	QPSK	1	1		20.46			
100	QPSK	1	137		20.28		21.0	0.0
100	QPSK	1	271		20.39			
100	QPSK	135	0		20.38		21.0	0.0
100	QPSK	135	69		20.42		21.0	0.0
100	QPSK	135	138		20.26		21.0	0.0
100	QPSK	270	0		20.34			
100	16QAM	1	1		20.18		21.0	0.0
100	64QAM	1	1		20.31		21.0	0.0
100	256QAM	1	1		19.27		19.5	1.5
Channel				649668	650334	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.32	20.31	20.35	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.20	20.31	20.37	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.35	20.41	20.34	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.33	20.43	20.36	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.30	20.30	20.29	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.33	20.36	20.40	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.34	20.29	20.40	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.30	20.40	20.26	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.31	20.36	20.35	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.25	20.30	20.36	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.21			
100	PI/2 BPSK	1	137		20.32		21.0	0.0
100	PI/2 BPSK	1	271		20.40			
100	PI/2 BPSK	135	0		20.41		21.0	0.0
100	PI/2 BPSK	135	69		20.26		21.0	0.0
100	PI/2 BPSK	135	138		20.31		21.0	0.0
100	PI/2 BPSK	270	0		20.30			
100	QPSK	1	1		20.45			
100	QPSK	1	137		20.31		21.0	0.0
100	QPSK	1	271		20.37			
100	QPSK	135	0		20.40		21.0	0.0
100	QPSK	135	69		20.43		21.0	0.0
100	QPSK	135	138		20.24		21.0	0.0
100	QPSK	270	0		20.39			
100	16QAM	1	1		20.24		21.0	0.0
100	64QAM	1	1		20.28		21.0	0.0
100	256QAM	1	1		19.38		19.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.40	20.36	20.39	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.37	20.39	20.26	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.41	20.35	20.35	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.40	20.33	20.34	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.40	20.38	20.30	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.37	20.27	20.39	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.26	20.29	20.32	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.27	20.34	20.32	21.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.34	20.31	20.40	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.37	20.38	20.28	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.69	19.65	19.69	20.5	0.0
40	PI/2 BPSK	1	53	19.78	19.82	19.65		
40	PI/2 BPSK	1	104	19.69	19.67	19.77		
40	PI/2 BPSK	50	0	19.68	19.73	19.81	20.5	0.0
40	PI/2 BPSK	50	28	19.66	19.83	19.76	20.5	0.0
40	PI/2 BPSK	50	56	19.64	19.72	19.72	20.5	0.0
40	PI/2 BPSK	100	0	19.71	19.78	19.79		
40	QPSK	1	1	19.82	19.86	19.81	20.5	0.0
40	QPSK	1	53	19.76	19.74	19.72		
40	QPSK	1	104	19.72	19.65	19.82		
40	QPSK	50	0	19.65	19.83	19.69	20.5	0.0
40	QPSK	50	28	19.78	19.84	19.82	20.5	0.0
40	QPSK	50	56	19.66	19.80	19.71	20.5	0.0
40	QPSK	100	0	19.80	19.81	19.78		
40	16QAM	1	1	19.81	19.65	19.66	20.5	0.0
40	64QAM	1	1	19.72	19.81	19.74	20.5	0.0
40	256QAM	1	1	19.03	19.22	19.14	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.75	19.79	19.75	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.68	19.78	19.60	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.60	19.69	19.69	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.60	19.75	19.74	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.87	19.65	19.83	20.5	0.0
100	PI/2 BPSK	1	137	19.78	19.69	19.85		
100	PI/2 BPSK	1	271	19.63	19.64	19.81		
100	PI/2 BPSK	135	0	19.67	19.69	19.78	20.5	0.0
100	PI/2 BPSK	135	69	19.83	19.64	19.83	20.5	0.0
100	PI/2 BPSK	135	138	19.87	19.85	19.79	20.5	0.0
100	PI/2 BPSK	270	0	19.79	19.71	19.73		
100	QPSK	1	1	19.79	19.88	19.83	20.5	0.0
100	QPSK	1	137	19.69	19.64	19.87		
100	QPSK	1	271	19.86	19.78	19.73		
100	QPSK	135	0	19.57	19.63	19.67	20.5	0.0
100	QPSK	135	69	19.68	19.70	19.63	20.5	0.0
100	QPSK	135	138	19.66	19.60	19.66	20.5	0.0
100	QPSK	270	0	19.62	19.68	19.65		
100	16QAM	1	1	19.74	19.77	19.63	20.5	0.0
100	64QAM	1	1	19.75	19.75	19.67	20.5	0.0
100	256QAM	1	1	19.68	19.82	19.70	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.65	19.81	19.79	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.74	19.85	19.71	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.66	19.76	19.74	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.59	19.69	19.77	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.63	19.76	19.74	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.68	19.73	19.64	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.77	19.74	19.76	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.66	19.78	19.72	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.78	19.71	19.64	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.74	19.65	19.79	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.74	22.73	22.63	23.5	0.0
100	PI/2 BPSK	1	137	22.85	22.64	22.75		
100	PI/2 BPSK	1	271	22.74	22.81	22.83		
100	PI/2 BPSK	135	0	22.73	22.75	22.71	23.5	0.0
100	PI/2 BPSK	135	69	22.69	22.66	22.84	23.5	0.0
100	PI/2 BPSK	135	138	22.63	22.74	22.74	23.5	0.0
100	PI/2 BPSK	270	0	22.70	22.80	22.66		
100	QPSK	1	1	22.84	22.86	22.81	23.5	0.0
100	QPSK	1	137	22.64	22.62	22.76		
100	QPSK	1	271	22.63	22.78	22.84		
100	QPSK	135	0	22.64	22.64	22.68	23.5	0.0
100	QPSK	135	69	22.78	22.84	22.82	23.5	0.0
100	QPSK	135	138	22.79	22.62	22.78	23.5	0.0
100	QPSK	270	0	22.73	22.80	22.72		
100	16QAM	1	1	22.82	22.66	22.66	23.5	0.0
100	64QAM	1	1	22.84	22.74	22.62	23.5	0.0
100	256QAM	1	1	21.54	21.59	21.47	22.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.76	22.81	22.79	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.82	22.83	22.69	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.81	22.66	22.79	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.66	22.69	22.62	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.70	22.68	22.70	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.75	22.76	22.78	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.81	22.69	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.71	22.81	22.80	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.66	22.66	22.62	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.66	22.66	22.62	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	16.85	17.10	16.79	18.5	0.0
100	PI/2 BPSK	1	137	16.93	17.01	16.96		
100	PI/2 BPSK	1	271	16.62	16.85	16.80		
100	PI/2 BPSK	135	0	16.93	17.02	16.81	18.5	0.0
100	PI/2 BPSK	135	69	16.98	17.02	17.05	18.5	0.0
100	PI/2 BPSK	135	138	16.58	16.86	16.79	18.5	0.0
100	PI/2 BPSK	270	0	16.90	17.10	16.76		
100	QPSK	1	1	16.95	17.16	16.97	18.5	0.0
100	QPSK	1	137	16.57	16.84	16.67		
100	QPSK	1	271	16.88	17.12	16.86		
100	QPSK	135	0	17.01	16.96	16.94	18.5	0.0
100	QPSK	135	69	16.55	17.15	16.80	18.5	0.0
100	QPSK	135	138	16.98	16.86	16.85	18.5	0.0
100	QPSK	270	0	16.83	17.09	16.88		
100	16QAM	1	1	16.90	16.96	17.08	18.5	0.0
100	64QAM	1	1	16.58	16.83	16.79	18.5	0.0
100	256QAM	1	1	17.06	17.03	17.11	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	16.64	16.89	16.75	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	16.66	16.90	16.72	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.65	16.88	16.77	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	16.67	16.90	16.76	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	16.63	16.92	16.78	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.71	16.99	16.76	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.71	16.97	16.77	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	16.62	16.99	16.76	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	16.68	16.90	16.73	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.69	16.99	16.74	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.88	20.12	20.00	21.5	0.0
100	PI/2 BPSK	1	137	20.36	20.36	20.11		
100	PI/2 BPSK	1	271	20.06	20.19	19.98		
100	PI/2 BPSK	135	0	19.99	20.19	20.01	21.5	0.0
100	PI/2 BPSK	135	69	20.29	20.32	20.23	21.5	0.0
100	PI/2 BPSK	135	138	19.99	20.23	19.98	21.5	0.0
100	PI/2 BPSK	270	0	19.97	20.13	20.01		
100	QPSK	1	1	20.37	20.39	20.19	21.5	0.0
100	QPSK	1	137	20.02	20.18	19.98		
100	QPSK	1	271	19.94	20.09	20.14		
100	QPSK	135	0	20.34	20.31	20.25	21.5	0.0
100	QPSK	135	69	20.03	20.35	19.93	21.5	0.0
100	QPSK	135	138	19.88	20.25	20.06	21.5	0.0
100	QPSK	270	0	20.32	20.34	20.19		
100	16QAM	1	1	20.04	20.15	20.00	21.5	0.0
100	64QAM	1	1	18.88	18.84	18.77	20.5	1.0
100	256QAM	1	1	16.78	16.77	16.95	18.5	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.33	20.35	20.22	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.29	20.37	20.20	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.29	20.38	20.20	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.29	20.30	20.15	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.34	20.34	20.17	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.36	20.37	20.23	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.27	20.29	20.20	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.37	20.28	20.16	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.29	20.31	20.22	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.35	20.35	20.19	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.13		18.5	0.0
100	PI/2 BPSK	1	137		17.08			
100	PI/2 BPSK	1	271		16.86			
100	PI/2 BPSK	135	0		17.13		18.5	0.0
100	PI/2 BPSK	135	69		17.08		18.5	0.0
100	PI/2 BPSK	135	138		16.86		18.5	0.0
100	PI/2 BPSK	270	0		17.13			
100	QPSK	1	1		17.17		18.5	0.0
100	QPSK	1	137		16.86			
100	QPSK	1	271		17.13			
100	QPSK	135	0		17.08		18.5	0.0
100	QPSK	135	69		17.15		18.5	0.0
100	QPSK	135	138		17.03		18.5	0.0
100	QPSK	270	0		17.13			
100	16QAM	1	1		17.08		18.5	0.0
100	64QAM	1	1		16.86		18.5	0.0
100	256QAM	1	1		17.06		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.64	16.80	16.76	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.60	16.87	16.66	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.66	16.90	16.77	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.62	16.79	16.72	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.58	16.88	16.72	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.64	16.81	16.73	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.57	16.82	16.74	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.57	16.80	16.72	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.61	16.82	16.67	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.62	16.83	16.73	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.22		21.5	0.0
100	PI/2 BPSK	1	137		20.37			
100	PI/2 BPSK	1	271		20.26			
100	PI/2 BPSK	135	0		20.22		21.5	0.0
100	PI/2 BPSK	135	69		20.37		21.5	0.0
100	PI/2 BPSK	135	138		20.26		21.5	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.45		21.5	0.0
100	QPSK	1	137		20.26			
100	QPSK	1	271		20.22			
100	QPSK	135	0		20.38		21.5	0.0
100	QPSK	135	69		20.26		21.5	0.0
100	QPSK	135	138		20.22		21.5	0.0
100	QPSK	270	0		20.38			
100	16QAM	1	1		20.26		21.5	0.0
100	64QAM	1	1		18.89		20.5	1.0
100	256QAM	1	1		16.65		18.5	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.30	20.25	20.14	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.29	20.32	20.15	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.30	20.32	20.19	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.34	20.33	20.16	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.33	20.25	20.20	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.34	20.35	20.18	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.27	20.27	20.20	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.24	20.32	20.12	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.28	20.33	20.15	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.31	20.28	20.20	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	16.87	16.99	16.82	18.5	0.0
100	PI/2 BPSK	1	137	16.87	17.05	17.01		
100	PI/2 BPSK	1	271	16.61	16.83	16.68		
100	PI/2 BPSK	135	0	16.88	17.07	16.78	18.5	0.0
100	PI/2 BPSK	135	69	16.90	16.99	16.93	18.5	0.0
100	PI/2 BPSK	135	138	16.62	16.79	16.73	18.5	0.0
100	PI/2 BPSK	270	0	16.86	17.06	16.80		
100	QPSK	1	1	16.94	17.10	16.93	18.5	0.0
100	QPSK	1	137	16.61	16.79	16.72		
100	QPSK	1	271	16.90	17.09	16.76		
100	QPSK	135	0	16.91	17.06	16.92	18.5	0.0
100	QPSK	135	69	16.52	16.81	16.70	18.5	0.0
100	QPSK	135	138	16.87	17.02	16.82	18.5	0.0
100	QPSK	270	0	16.92	17.05	16.78		
100	16QAM	1	1	16.91	17.03	16.92	18.5	0.0
100	64QAM	1	1	16.61	16.77	16.74	18.5	0.0
100	256QAM	1	1	16.82	16.87	16.79	18.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	16.58	16.76	16.71	18.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	16.62	16.73	16.69	18.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	16.99	17.08	17.05	18.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	16.65	16.72	16.71	18.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	16.54	16.81	16.72	18.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	16.54	16.71	16.67	18.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.54	16.74	16.66	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.62	16.74	16.75	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.61	16.71	16.67	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.61	16.81	16.74	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.02	19.03	18.92	19.5	0.0
100	PI/2 BPSK	1	137	18.78	19.04	18.91		
100	PI/2 BPSK	1	271	18.69	18.98	18.88		
100	PI/2 BPSK	135	0	18.99	19.01	18.93	19.5	0.0
100	PI/2 BPSK	135	69	18.69	19.04	18.89	19.5	0.0
100	PI/2 BPSK	135	138	18.74	18.98	18.89	19.5	0.0
100	PI/2 BPSK	270	0	18.96	19.01	18.90		
100	QPSK	1	1	18.79	19.11	18.86	19.5	0.0
100	QPSK	1	137	18.70	18.90	18.91		
100	QPSK	1	271	18.97	19.04	18.81		
100	QPSK	135	0	18.70	19.05	18.88	19.5	0.0
100	QPSK	135	69	18.78	19.08	18.96	19.5	0.0
100	QPSK	135	138	18.93	19.07	18.84	19.5	0.0
100	QPSK	270	0	18.76	19.03	18.93		
100	16QAM	1	1	18.73	18.93	18.96	19.5	0.0
100	64QAM	1	1	18.76	19.09	18.92	19.5	0.0
100	256QAM	1	1	18.88	19.06	19.09	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.74	18.90	18.93	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.65	18.95	18.96	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.71	18.90	18.94	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.67	18.94	18.95	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.66	18.94	18.90	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.66	18.84	18.93	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.68	18.95	18.87	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.65	18.95	18.91	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.66	18.88	18.89	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.71	18.90	18.95	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.10	22.09	21.89	22.5	0.0
100	PI/2 BPSK	1	137	22.00	22.09	21.98		
100	PI/2 BPSK	1	271	22.03	22.07	21.97		
100	PI/2 BPSK	135	0	22.00	22.13	21.93	22.5	0.0
100	PI/2 BPSK	135	69	22.05	22.10	21.89	22.5	0.0
100	PI/2 BPSK	135	138	22.02	22.13	21.97	22.5	0.0
100	PI/2 BPSK	270	0	22.00	22.13	21.95		
100	QPSK	1	1	22.02	22.15	21.86	22.5	0.0
100	QPSK	1	137	22.04	22.14	21.89		
100	QPSK	1	271	22.01	22.04	21.87		
100	QPSK	135	0	22.07	22.08	21.95	22.5	0.0
100	QPSK	135	69	22.10	22.12	21.97	22.5	0.0
100	QPSK	135	138	22.04	22.03	21.87	22.5	0.0
100	QPSK	270	0	22.08	22.10	21.90		
100	16QAM	1	1	22.07	22.04	21.91	22.5	0.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	0.0
100	256QAM	1	1	19.97	20.07	19.90	20.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.10	22.09	21.89	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.00	22.09	21.98	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.03	22.07	21.97	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.00	22.13	21.93	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.05	22.10	21.89	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.02	22.13	21.97	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.00	22.13	21.95	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.01	22.04	21.87	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.02	22.11	21.86	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.10	22.10	21.97	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.65	20.86	20.72	22.0	0.0
100	PI/2 BPSK	1	137	20.51	20.58	20.43		
100	PI/2 BPSK	1	271	20.64	20.57	20.41		
100	PI/2 BPSK	135	0	20.63	20.75	20.70	22.0	0.0
100	PI/2 BPSK	135	69	20.41	20.58	20.63	22.0	0.0
100	PI/2 BPSK	135	138	20.33	20.57	20.56	22.0	0.0
100	PI/2 BPSK	270	0	20.62	20.79	20.53		
100	QPSK	1	1	20.86	20.97	20.68	22.0	0.0
100	QPSK	1	137	20.59	20.71	20.54		
100	QPSK	1	271	20.43	20.71	20.47		
100	QPSK	135	0	20.77	20.75	20.73	22.0	0.0
100	QPSK	135	69	20.84	20.88	20.86	22.0	0.0
100	QPSK	135	138	20.53	20.60	20.47	22.0	0.0
100	QPSK	270	0	20.78	20.89	20.75		
100	16QAM	1	1	20.74	20.90	20.78	22.0	0.0
100	64QAM	1	1	20.64	20.77	20.84	22.0	0.0
100	256QAM	1	1	20.71	20.92	20.83	22.0	0.0
Channel				506200	518998	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.62	20.79	20.65	22.0	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.36	20.59	20.34	22.0	0.0
Channel				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.50	20.54	20.27	22.0	0.0
Channel				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.23	20.44	20.48	22.0	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.29	20.50	20.39	22.0	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.76	20.84	20.66	22.0	0.0
Channel				502200	518998	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.32	20.58	20.29	22.0	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.80	20.87	20.73	22.0	0.0
Channel				500700	518998	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.58	20.71	20.69	22.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.58	20.77	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				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.75	23.70	23.66	25.0	0.0
100	PI/2 BPSK	1	137	23.72	23.66	23.71		
100	PI/2 BPSK	1	271	23.74	23.66	23.63		
100	PI/2 BPSK	135	0	23.69	23.68	23.69	25.0	0.0
100	PI/2 BPSK	135	69	23.67	23.73	23.65	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.65	23.68	25.0	0.0
100	PI/2 BPSK	270	0	23.72	23.71	23.69		
100	QPSK	1	1	23.76	23.77	23.70	25.0	0.0
100	QPSK	1	137	23.75	23.67	23.70		
100	QPSK	1	271	23.70	23.73	23.64		
100	QPSK	135	0	23.66	23.65	23.70	25.0	0.0
100	QPSK	135	69	23.66	23.76	23.70	25.0	0.0
100	QPSK	135	138	23.68	23.73	23.72	25.0	0.0
100	QPSK	270	0	23.72	23.74	23.62		
100	16QAM	1	1	23.69	23.66	23.65	25.0	0.0
100	64QAM	1	1	23.25	23.24	23.22	24.5	0.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	2.5
Channel				506200	518998	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.56	23.61	23.53	25.0	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.59	23.65	23.52	25.0	0.0
Channel				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.61	23.66	23.59	25.0	0.0
Channel				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.62	23.58	23.60	25.0	0.0
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.56	23.60	23.52	25.0	0.0
Channel				503202	518998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.59	23.61	23.53	25.0	0.0
Channel				502200	518998	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.59	23.64	23.63	25.0	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.56	23.65	23.61	25.0	0.0
Channel				500700	518998	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.63	23.66	23.54	25.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.65	23.61	23.58	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.26	19.26	19.17	20.0	0.0
100	PI/2 BPSK	1	137	18.99	19.09	19.08		
100	PI/2 BPSK	1	271	19.28	19.26	19.08		
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0
100	PI/2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0
100	QPSK	1	137	18.89	19.12	18.93		
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.29	19.07	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	19.01	19.25	19.20	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.17	19.20	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	19.04	19.18	19.15	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	19.00	19.32	19.15	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.32	19.10	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	19.02	19.24	19.18	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	19.14	19.19	19.14	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	19.14	19.19	19.09	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0

Part27O n77 PC2 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.84	22.08	21.85	23.0	0.0
100	PI/2 BPSK	1	137	21.77	22.02	21.82		
100	PI/2 BPSK	1	271	21.94	22.16	22.09		
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5
100	PI/2 BPSK	270	0	21.44	21.45	21.27		
100	QPSK	1	1	22.10	22.17	22.03	23.0	0.0
100	QPSK	1	137	21.85	22.00	22.04		
100	QPSK	1	271	21.90	22.15	22.08		
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0
100	QPSK	270	0	21.01	21.09	20.93		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.03	22.08	21.95	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	22.11	21.91	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.04	22.02	21.92	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	21.96	22.07	21.87	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.99	22.08	21.98	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	21.97	22.03	21.84	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	21.98	22.11	21.89	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.93	22.11	21.98	23.0	0.0

Part27Q n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.94		19.0	0.0
100	PI/2 BPSK	1	137		17.98			
100	PI/2 BPSK	1	271		18.14			
100	PI/2 BPSK	135	0		17.98		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		18.12		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.34		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.31		19.0	0.0
100	QPSK	135	138		18.15		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.11		19.0	0.0
100	64QAM	1	1		16.98		17.5	1.5
100	256QAM	1	1		15.49		16.0	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.30	18.19	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.27	18.15	18.25	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.84		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		20.34		21.5	0.5
100	PI/2 BPSK	135	69		20.89		22.0	0.0
100	PI/2 BPSK	135	138		20.52		21.5	0.5
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		21.21			
100	QPSK	135	0		19.82		21.0	1.0
100	QPSK	135	69		21.16		22.0	0.0
100	QPSK	135	138		19.97		21.0	1.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.95		21.0	1.0
100	64QAM	1	1		18.40		19.5	2.5
100	256QAM	1	1		16.34		17.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.07	21.11	21.19	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.90	18.88		
100	PI/2 BPSK	1	271	18.99	19.07	19.01		
100	PI/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0
100	PI/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.86	18.83		
100	QPSK	1	1	19.00	19.12	19.07	20.0	0.0
100	QPSK	1	137	18.51	18.69	18.54		
100	QPSK	1	271	18.99	19.10	18.95		
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0	18.90	19.03	18.85		
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.06	18.96	19.06	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.10	18.95	18.97	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				506352	518598	530844		
Frequency (MHz)				2549.01	2592.99	2636.97		
100	PI/2 BPSK	1	0	17.31	17.32	17.29	18.5	0.0
100	PI/2 BPSK	1	137	17.31	17.31	17.34		
100	PI/2 BPSK	1	271	17.19	17.16	17.22		
100	PI/2 BPSK	136	0	17.29	17.25	17.39	18.5	0.0
100	PI/2 BPSK	136	68	17.32	17.16	17.36	18.5	0.0
100	PI/2 BPSK	136	134	17.27	17.26	17.26		
100	PI/2 BPSK	270	0	17.23	17.38	17.30	18.5	0.0
100	QPSK	1	0	17.30	17.40	17.19		
100	QPSK	1	137	17.10	17.34	17.35	18.5	0.0
100	QPSK	1	271	17.01	17.19	17.27		
100	QPSK	136	0	17.11	17.13	17.40	18.5	0.0
100	QPSK	136	68	17.10	17.01	17.30	18.5	0.0
100	QPSK	136	136	17.31	17.30	17.38	18.5	0.0
100	QPSK	270	0	17.12	17.25	17.23		
100	16QAM	1	0	17.23	17.23	17.23	18.5	0.0
100	16QAM	1	137	17.13	17.29	17.23	18.5	0.0
100	16QAM	1	271	17.02	17.27	17.06	18.5	0.0
Channel				504984	518598	532212	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	0	17.21	17.39	17.37	18.5	0.0
Channel				504354	518598	532842	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.03	2592.99	2647.95		
80	QPSK	1	0	17.26	17.16	17.27	18.5	0.0
Channel				503724	518598	533472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	0	17.40	17.46	17.34	18.5	0.0
Channel				503094	518598	534102	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	0	17.23	17.21	17.25	18.5	0.0
Channel				502464	518598	534732	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.93		
50	QPSK	1	0	17.22	17.13	17.21	18.5	0.0
Channel				502332	518598	534864	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2519.91	2592.99	2666.04		
45	QPSK	1	0	17.20	17.23	17.19	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.8	2592.99	2667.15		
40	QPSK	1	0	17.15	17.21	17.29	18.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.81	2592.99	2677.16		
25	QPSK	1	0	17.25	17.24	16.99	18.5	0.0
Channel				500574	518598	536622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.1	2592.99	2682.93		
15	QPSK	1	0	17.09	17.16	17.19	18.5	0.0
Channel				500202	518598	536994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.25	2592.99	2684.8		
10	QPSK	1	0	17.14	16.99	17.20	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				504852	518598	532344		
Frequency (MHz)				2540.01	2592.99	2645		
100	PI/2 BPSK	1	0	20.05	20.20	20.28	21.5	0.0
100	PI/2 BPSK	1	137	20.09	20.17	20.21		
100	PI/2 BPSK	1	271	20.10	20.22	20.28		
100	PI/2 BPSK	136	0	20.07	20.22	20.20	21.5	0.0
100	PI/2 BPSK	136	68	20.07	20.19	20.28	21.5	0.0
100	PI/2 BPSK	136	134	20.05	20.18	20.26		
100	PI/2 BPSK	270	0	20.04	20.23	20.23	21.5	0.0
100	QPSK	1	0	19.98	20.04	20.26		
100	QPSK	1	137	20.09	20.25	20.27	21.5	0.0
100	QPSK	1	271	20.08	20.19	20.16		
100	QPSK	136	0	20.08	20.21	20.27	21.5	0.0
100	QPSK	136	68	20.07	20.21	20.27	21.5	0.0
100	QPSK	136	136	20.09	20.22	20.29	21.5	0.0
100	QPSK	270	0	20.01	20.23	20.20		
100	16QAM	1	0	20.07	20.21	20.28	21.5	0.0
100	16QAM	1	137	20.02	20.21	20.16	21.5	0.0
100	16QAM	1	271	20.09	20.22	20.19	21.5	0.0
Channel				504354	518598	532842	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.03	2592.99	2647.95		
80	QPSK	1	0	19.91	20.11	20.16	21.5	0.0
Channel				503724	518598	533472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	0	19.96	20.11	20.19	21.5	0.0
Channel				503094	518598	534102	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	0	19.99	20.05	20.13	21.5	0.0
Channel				502464	518598	534732	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.93		
50	QPSK	1	0	19.92	20.12	20.12	21.5	0.0
Channel				502332	518598	534864	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2519.91	2592.99	2666.04		
45	QPSK	1	0	19.92	20.05	20.19	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.8	2592.99	2667.15		
40	QPSK	1	0	19.92	20.14	20.15	21.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.81	2592.99	2677.16		
25	QPSK	1	0	19.88	20.11	20.17	21.5	0.0

Part27O n77 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	654000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	0	17.04	17.20	17.12	18.5	0.0
100	PI/2 BPSK	1	137	16.98	17.16	17.09		
100	PI/2 BPSK	1	271	17.04	16.90	17.09		
100	PI/2 BPSK	136	0	17.02	17.16	17.07	18.5	0.0
100	PI/2 BPSK	136	68	17.02	17.16	17.09	18.5	0.0
100	PI/2 BPSK	136	134	16.99	17.10	17.10		
100	PI/2 BPSK	270	0	16.96	16.98	17.05	18.5	0.0
100	QPSK	1	0	17.16	17.30	17.10		
100	QPSK	1	137	17.07	17.10	17.16	18.5	0.0
100	QPSK	1	271	17.14	17.07	16.92		
100	QPSK	136	0	17.13	17.10	17.03	18.5	0.0
100	QPSK	136	68	16.98	17.01	17.13	18.5	0.0
100	QPSK	136	136	16.97	17.00	17.10	18.5	0.0
100	QPSK	270	0	17.11	17.10	17.07		
100	16QAM	1	0	17.13	17.09	17.11	18.5	0.0
100	16QAM	1	137	17.08	17.01	17.19	18.5	0.0
100	16QAM	1	271	17.07	16.96	17.13	18.5	0.0
Channel				648000	654000	660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
90	QPSK	1	0	16.94	17.09	16.99	18.5	0.0
Channel				646344	654000	661656	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.05	3840	3963.95		
80	QPSK	1	0	16.63	17.08	16.97	18.5	0.0
Channel				644688	654000	663312	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3695	3840	3985		
70	QPSK	1	0	17.04	16.96	16.99	18.5	0.0
Channel				644034	654000	663966	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3688	3840	3992		
60	QPSK	1	0	16.95	17.09	17.03	18.5	0.0
Channel				643404	654000	664620	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3680.97	3840	3999.03		
50	QPSK	1	0	16.94	17.01	16.99	18.5	0.0
Channel				643272	654000	664728	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3679.8	3840	4000.2		
45	QPSK	1	0	16.90	16.96	16.99	18.5	0.0
Channel				643140	654000	664860	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3678.63	3840	4001.37		
40	QPSK	1	0	16.88	17.00	17.04	18.5	0.0
Channel				641748	654000	666252	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3667.23	3840	4012.77		
25	QPSK	1	0	17.06	17.00	17.10	18.5	0.0

Part27O n77 PC2 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	654000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	0	19.92	20.16	19.97	21.5	0.0
100	PI/2 BPSK	1	137	19.90	20.20	20.00		
100	PI/2 BPSK	1	271	19.93	20.13	20.00		
100	PI/2 BPSK	136	0	19.90	20.16	20.02	21.5	0.0
100	PI/2 BPSK	136	68	19.94	20.11	20.02	21.5	0.0
100	PI/2 BPSK	136	134	19.91	20.21	19.99		
100	PI/2 BPSK	270	0	19.93	20.16	20.05	21.5	0.0
100	QPSK	1	0	19.91	20.22	19.97		
100	QPSK	1	137	19.87	20.16	20.00	21.5	0.0
100	QPSK	1	271	19.90	20.14	20.03		
100	QPSK	136	0	19.85	20.14	20.00	21.5	0.0
100	QPSK	136	68	19.85	20.20	20.07	21.5	0.0
100	QPSK	136	136	19.85	20.13	19.99	21.5	0.0
100	QPSK	270	0	19.89	20.12	20.05		
100	16QAM	1	0	19.87	20.14	19.96	21.5	0.0
100	16QAM	1	137	19.86	20.14	20.01	21.5	0.0
100	16QAM	1	271	19.91	20.13	20.05	21.5	0.0
Channel				648000	654000	660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
90	QPSK	1	0	19.79	19.96	20.01	21.5	0.0
Channel				646344	654000	661656	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.05	3840	3963.95		
80	QPSK	1	0	19.63	19.94	20.07	21.5	0.0
Channel				644688	654000	663312	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3695	3840	3985		
70	QPSK	1	0	19.80	19.96	20.30	21.5	0.0
Channel				644034	654000	663966	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3688	3840	3992		
60	QPSK	1	0	19.83	19.94	20.03	21.5	0.0
Channel				643404	654000	664620	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3680.97	3840	3999.03		
50	QPSK	1	0	19.79	19.89	20.03	21.5	0.0
Channel				643272	654000	664728	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3679.8	3840	4000.2		
45	QPSK	1	0	19.65	19.89	20.02	21.5	0.0
Channel				643140	654000	664860	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3678.63	3840	4001.37		
40	QPSK	1	0	19.79	19.89	20.10	21.5	0.0
Channel				641748	654000	666252	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3667.23	3840	4012.77		
25	QPSK	1	0	19.84	19.91	20.09	21.5	0.0
Channel				641472	654000	666528	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3665.7	3840	4014.3		
15	QPSK	1	0	19.80	19.86	20.11	21.5	0.0
Channel				641322	654000	666678	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3664.86	3840	4015.14		
10	QPSK	1	0	19.79	19.86	20.05	21.5	0.0

Part27Q n77 Ant7

BW (MHz)	Modulation	RB Size	RB Offset	Tune-up limit (dBm)	MPR (dB)
Channel				633332	
Frequency (MHz)				3499.98	
100	PI/2 BPSK	1	1	18.5	0.0
100	PI/2 BPSK	1	137		
100	PI/2 BPSK	1	271		
100	PI/2 BPSK	136	0	18.5	0.0
100	PI/2 BPSK	136	69		
100	PI/2 BPSK	136	139		
100	PI/2 BPSK	270	0	18.5	0.0
100	QPSK	1	1		
100	QPSK	1	137	18.5	0.0
100	QPSK	1	271		
100	QPSK	136	0	18.5	0.0
100	QPSK	136	69	18.5	0.0
100	QPSK	136	139	18.5	0.0
100	QPSK	270	0		
100	16QAM	1	1	18.5	0.0
100	64QAM	1	1	18.5	0.0
100	256QAM	1	1	18.5	0.0
Channel				633332	633000
Frequency (MHz)				3499.98	3499.98
90	QPSK	1	1	18.5	0.0
Channel				633666	633332
Frequency (MHz)				3500.31	3499.98
80	QPSK	1	1	18.5	0.0
Channel				633999	633666
Frequency (MHz)				3500.64	3500.31
70	QPSK	1	1	18.5	0.0
Channel				634332	633999
Frequency (MHz)				3500.97	3500.64
60	QPSK	1	1	18.5	0.0
Channel				634665	634332
Frequency (MHz)				3501.3	3500.97
50	QPSK	1	1	18.5	0.0
Channel				634998	634665
Frequency (MHz)				3501.63	3501.3
40	QPSK	1	1	18.5	0.0
Channel				635331	634998
Frequency (MHz)				3501.96	3501.63
30	QPSK	1	1	18.5	0.0
Channel				635664	635331
Frequency (MHz)				3502.29	3501.96
25	QPSK	1	1	18.5	0.0
Channel				635997	635664
Frequency (MHz)				3502.62	3502.29
15	QPSK	1	1	18.5	0.0
Channel				636334	635997
Frequency (MHz)				3502.95	3502.62
10	QPSK	1	1	18.5	0.0

Part27Q n77 PC2 Ant7

BW (MHz)	Modulation	RB Size	RB Offset	Tune-up limit (dBm)	MPR (dB)
Channel				633332	
Frequency (MHz)				3499.98	
100	PI/2 BPSK	1	1	20.00	
100	PI/2 BPSK	1	137	20.00	
100	PI/2 BPSK	1	271	20.00	21.0
100	PI/2 BPSK	136	0	20.00	21.0
100	PI/2 BPSK	136	69	19.99	21.0
100	PI/2 BPSK	136	139	20.00	21.0
100	PI/2 BPSK	270	0	19.99	21.0
100	QPSK	1	1	20.00	
100	QPSK	1	137	19.97	21.0
100	QPSK	1	271	20.00	
100	QPSK	136	0	19.97	21.0
100	QPSK	136	69	20.00	21.0
100	QPSK	136	139	20.00	21.0
100	QPSK	270	0	20.00	21.0
100	16QAM	1	1	20.00	21.0
100	64QAM	1	1	19.99	21.0
100	256QAM	1	1	20.00	21.0
Channel				633332	633000
Frequency (MHz)				3499.98	3499.98
90	QPSK	1	1	19.78	19.97
Channel				633666	633332
Frequency (MHz)				3500.31	3499.98
80	QPSK	1	1	19.93	19.97
Channel				633999	633666
Frequency (MHz)				3500.64	3500.31
70	QPSK	1	1	19.97	19.94
Channel				634332	633999
Frequency (MHz)				3500.97	3500.64
60	QPSK	1	1	19.85	19.56
Channel				634665	634332
Frequency (MHz)				3501.3	3500.97
50	QPSK	1	1	19.94	19.91
Channel				634998	634665
Frequency (MHz)				3501.63	3501.3
40	QPSK	1	1	19.82	19.52
Channel				635331	634998
Frequency (MHz)				3501.96	3501.63
30	QPSK	1	1	19.92	19.88
Channel				635664	635331
Frequency (MHz)				3502.29	3501.96
25	QPSK	1	1	19.78	19.53
Channel				635997	635664
Frequency (MHz)				3502.62	3502.29
15	QPSK	1	1	19.78	19.54
Channel				636334	635997
Frequency (MHz)				3502.95	3502.62
10	QPSK	1	1	19.99	19.99

Part96 n77 Ant7 Default

BW (MHz)	Modulation	RB Size	RB Offset	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666
Frequency (MHz)				3600	3616.98
100	PI/2 BPSK	1	1	17.00	17.00
100	PI/2 BPSK	1	137	16.91	17.06
100	PI/2 BPSK	1	271	17.06	16.92
100	PI/2 BPSK	136	0	17.10	17.00
100	PI/2 BPSK	136	69	16.92	17.00
100	PI/2 BPSK	136	139	16.94	17.06
100	PI/2 BPSK	270	0	16.88	16.94
100	QPSK	1	1	17.00	17.07
100	QPSK	1	137	16.99	17.00
100	QPSK	1	271	16.90	16.93
100	QPSK	136	0	16.90	16.99
100	QPSK	136	69	16.92	17.16
100	QPSK	136	139	16.93	16.96
100	QPSK	270	0	16.97	17.09
100	16QAM	1	1	17.08	17.11
100	64QAM	1	1	16.99	16.97
100	256QAM	1	1	17.03	16.91
Channel				640000	641666
Frequency (MHz)				3600	3616.98
90	QPSK	1	1	16.97	17.00
Channel				639334	641666
Frequency (MHz)				3593.31	3616.98
80	QPSK	1	1	16.91	16.93
Channel				639667	641666
Frequency (MHz)				3596.64	3616.98
70	QPSK	1	1	16.96	16.98
Channel				639668	641666
Frequency (MHz)				3596.65	3616.98
60	QPSK	1	1	16.91	16.97
Channel				640001	641666
Frequency (MHz)				3600.01	3616.98
50	QPSK	1	1	16.98	16.98
Channel				640002	641666
Frequency (MHz)				3600.02	3616.98
40	QPSK	1	1	16.93	17.01
Channel				640335	641666
Frequency (MHz)				3603.35	3616.98
30	QPSK	1	1	16.95	17.09
Channel				640668	641666
Frequency (MHz)				3606.68	3616.98
25	QPSK	1	1	16.92	16.98
Channel				640668	641666
Frequency (MHz)				3606.68	3616.98
15	QPSK	1	1	16.94	17.02
Channel				641000	641666
Frequency (MHz)				3610	3616.98
10	QPSK	1	1	16.95	16.94

Reduced Power Mode for DSI4 Standalone

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.51	23.67	23.65	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.64	23.57		
20	PI/2 BPSK	1	104	23.55	23.72	23.62		
20	PI/2 BPSK	50	0	23.59	23.67	23.54	24.0	0.5
20	PI/2 BPSK	50	28	23.54	23.68	23.56	24.5	0.0
20	PI/2 BPSK	50	56	23.45	23.59	23.57	24.0	0.5
20	PI/2 BPSK	100	0	23.65	23.72	23.59		
20	QPSK	1	1	23.74	23.80	23.79	24.5	0.0
20	QPSK	1	53	23.66	23.70	23.64		
20	QPSK	1	104	23.71	23.76	23.67		
20	QPSK	50	0	23.18	23.22	23.05	23.5	1.0
20	QPSK	50	28	23.73	23.78	23.76	24.5	0.0
20	QPSK	50	56	22.98	23.02	22.87	23.5	1.0
20	QPSK	100	0	23.07	23.12	23.09		
20	16QAM	1	1	23.25	23.39	23.24	23.5	1.0
20	64QAM	1	1	21.77	21.91	21.76	22.0	2.5
20	256QAM	1	1	19.74	19.89	19.81	20.0	4.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	23.59	23.60	23.65	24.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	23.68	23.69	23.63	24.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	23.69	23.66	23.71	24.5	0.0

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

n14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		24.09		25.0	0.0
10	PI/2 BPSK	1	26		23.99			
10	PI/2 BPSK	1	50		23.89			
10	PI/2 BPSK	25	0		23.92		24.5	0.5
10	PI/2 BPSK	25	14		23.88		25.0	0.0
10	PI/2 BPSK	25	27		23.84		24.5	0.5
10	PI/2 BPSK	50	0		23.92			
10	QPSK	1	1		24.10		25.0	0.0
10	QPSK	1	26		23.94			
10	QPSK	1	50		23.96			
10	QPSK	25	0		23.93		24.0	1.0
10	QPSK	25	14		24.06		25.0	0.0
10	QPSK	25	27		23.01		24.0	1.0
10	QPSK	50	0		23.08			
10	16QAM	1	1		23.06		24.0	1.0
10	64QAM	1	1		21.60		22.5	2.5
10	256QAM	1	1		19.52		20.5	4.5
Channel				158100	158600	159100	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0

n25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.74	23.80	23.61	24.5	0.0
40	PI/2 BPSK	1	108	23.69	23.78	23.77		
40	PI/2 BPSK	1	214	23.70	23.81	23.62		
40	PI/2 BPSK	108	0	23.81	23.78	23.73	24.0	0.5
40	PI/2 BPSK	108	54	23.76	23.76	23.67	24.5	0.0
40	PI/2 BPSK	108	108	23.68	23.76	23.79	24.0	0.5
40	PI/2 BPSK	216	0	23.72	23.83	23.72		
40	QPSK	1	1	23.70	23.88	23.77	24.5	0.0
40	QPSK	1	108	23.85	23.81	23.70		
40	QPSK	1	214	23.77	23.85	23.79		
40	QPSK	108	0	23.18	23.29	23.13	23.5	1.0
40	QPSK	108	54	23.68	23.78	23.75	24.5	0.0
40	QPSK	108	108	23.19	23.26	23.19	23.5	1.0
40	QPSK	216	0	23.22	23.36	23.20		
40	16QAM	1	1	23.49	23.46	23.40	23.5	1.0
40	64QAM	1	1	21.54	21.68	21.56	22.0	2.5
40	256QAM	1	1	19.51	19.71	19.57	20.0	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.61	23.74	23.58	24.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.59	23.69	23.71	24.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.63	23.70	23.68	24.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.66	23.84	23.62	24.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.60	23.79	23.58	24.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.56	23.77	23.68	24.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.64	23.81	23.64	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0

n41 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0
100	PI/2 BPSK	1	137	21.25	21.36	21.22		
100	PI/2 BPSK	1	271	21.35	21.41	21.25		
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0
100	PI/2 BPSK	270	0	21.20	21.41	21.19		
100	QPSK	1	1	21.52	21.55	21.39	22.0	0.0
100	QPSK	1	137	21.24	21.42	21.28		
100	QPSK	1	271	21.41	21.49	21.48		
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0
100	QPSK	270	0	21.28	21.51	21.46		
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0

n41 PC2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0
100	PI/2 BPSK	1	137	24.38	24.42	24.40		
100	PI/2 BPSK	1	271	24.35	24.38	24.27		
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74		
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0
100	QPSK	1	137	24.56	24.53	24.52		
100	QPSK	1	271	24.27	24.49	24.38		
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0
100	QPSK	270	0	23.52	23.54	23.53		
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.41	24.49	24.42	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.95	22.93	22.85	24.0	0.0
40	PI/2 BPSK	1	53	22.99	23.03	22.95		
40	PI/2 BPSK	1	104	22.93	23.16	23.07		
40	PI/2 BPSK	50	0	22.69	22.89	22.74	23.5	0.5
40	PI/2 BPSK	50	28	22.75	22.94	22.84	24.0	0.0
40	PI/2 BPSK	50	56	22.93	23.02	23.05	23.5	0.5
40	PI/2 BPSK	100	0	22.91	22.98	22.80		
40	QPSK	1	1	23.01	23.23	23.12	24.0	0.0
40	QPSK	1	53	23.09	23.15	22.91		
40	QPSK	1	104	23.09	23.22	23.06		
40	QPSK	50	0	22.55	22.75	22.70	23.0	1.0
40	QPSK	50	28	22.98	23.21	23.02	24.0	0.0
40	QPSK	50	56	21.99	22.07	21.90	23.0	1.0
40	QPSK	100	0	21.91	22.13	22.06		
40	16QAM	1	1	22.06	22.09	21.93	23.0	1.0
40	64QAM	1	1	20.47	20.63	20.61	21.5	2.5
40	256QAM	1	1	18.47	18.59	18.40	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.82	23.12	23.02	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.94	23.04	22.94	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.86	23.15	23.06	24.0	0.0

Part27O n77 Ant6

BW [MHz]	Modulation	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	23.09	23.23	23.22	24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.21	23.24		
100	PI/2 BPSK	1	271	23.17	23.25	23.12		
100	PI/2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0
100	PI/2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0
100	PI/2 BPSK	270	0	23.02	23.27	23.26		
100	QPSK	1	1	23.24	23.36	23.32	24.0	0.0
100	QPSK	1	137	23.20	23.28	23.04		
100	QPSK	1	271	23.26	23.29	23.27		
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0
100	QPSK	270	0	23.12	23.22	23.01		
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.15	23.31	23.26	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	23.12	23.30	23.28	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.05	23.31	23.18	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	23.16	23.20	23.15	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.07	23.24	23.20	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	23.11	23.30	23.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.16	23.24	23.23	24.0	0.0

Part27O n77 PC2 Ant6

BW [MHz]	Modulation	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	26.14	26.21	25.97	27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.23	26.15		
100	PI/2 BPSK	1	271	26.08	26.21	26.00		
100	PI/2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5
100	PI/2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5
100	PI/2 BPSK	270	0	25.69	25.83	25.68		
100	QPSK	1	1	26.19	26.36	26.35	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.07		
100	QPSK	1	271	26.17	26.31	26.26		
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0
100	QPSK	270	0	25.23	25.33	25.28		
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.12	26.31	26.28	27.0	0.0

Part27Q n77 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.14		24.0	0.0
100	PI/2 BPSK	135	69		23.15		24.0	0.0
100	PI/2 BPSK	135	138		23.17		24.0	0.0
100	PI/2 BPSK	270	0		23.23			
100	QPSK	1	1		23.27		24.0	0.0
100	QPSK	1	137		23.16			
100	QPSK	1	271		23.17			
100	QPSK	135	0		23.17		24.0	0.0
100	QPSK	135	69		23.23		24.0	0.0
100	QPSK	135	138		23.01		24.0	0.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		23.10		24.0	0.0
100	64QAM	1	1		23.09		24.0	0.0
100	256QAM	1	1		20.94		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0

Part27Q n77 PC2 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.15			
100	PI/2 BPSK	1	271		26.05			
100	PI/2 BPSK	135	0		25.67		26.5	0.5
100	PI/2 BPSK	135	69		26.07		27.0	0.0
100	PI/2 BPSK	135	138		25.69		26.5	0.5
100	PI/2 BPSK	270	0		25.68			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.34		26.0	1.0
100	QPSK	135	69		26.20		27.0	0.0
100	QPSK	135	138		25.11		26.0	1.0
100	QPSK	270	0		25.25			
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.65		24.5	2.5
100	256QAM	1	1		21.65		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.09	26.18	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.36	22.32	22.47		
100	PI/2 BPSK	1	271	22.36	22.46	22.48		
100	PI/2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0
100	PI/2 BPSK	270	0	22.32	22.42	22.31		
100	QPSK	1	1	22.49	22.52	22.45	23.5	0.0
100	QPSK	1	137	22.28	22.34	22.40		
100	QPSK	1	271	22.38	22.34	22.44		
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0
100	QPSK	270	0	22.39	22.44	22.31		
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.37		24.0	0.0
100	PI/2 BPSK	1	137		23.39			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.28		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.25		23.5	0.5
100	PI/2 BPSK	270	0		23.32			
100	QPSK	1	1		23.48		24.0	0.0
100	QPSK	1	137		23.35			
100	QPSK	1	271		23.40			
100	QPSK	135	0		22.77		23.0	1.0
100	QPSK	135	69		23.43		24.0	0.0
100	QPSK	135	138		22.61		23.0	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.58		23.0	1.0
100	64QAM	1	1		21.22		21.5	2.5
100	256QAM	1	1		19.27		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.39	23.42	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	23.30	23.30	23.31	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.33	23.36	23.44	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	23.32	23.29	23.41	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	23.37	23.37	23.41	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.42	23.41	23.31	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	23.40	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	23.42	23.43	23.36	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.29		24.0	0.0
100	PI/2 BPSK	1	137		23.27			
100	PI/2 BPSK	1	271		23.41			
100	PI/2 BPSK	135	0		23.03		23.5	0.5
100	PI/2 BPSK	135	69		23.31		24.0	0.0
100	PI/2 BPSK	135	138		23.09		23.5	0.5
100	PI/2 BPSK	270	0		22.91			
100	QPSK	1	1		23.46		24.0	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.37			
100	QPSK	135	0		22.83		23.0	1.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		22.58		23.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.71		23.0	1.0
100	64QAM	1	1		21.32		21.5	2.5
100	256QAM	1	1		19.38		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0
100	PI/2 BPSK	1	137	22.42	22.42	22.42		
100	PI/2 BPSK	1	271	22.41	22.30	22.29		
100	PI/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0
100	PI/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0
100	PI/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0
100	PI/2 BPSK	270	0	22.48	22.47	22.37		
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
100	QPSK	1	137	22.37	22.44	22.41		
100	QPSK	1	271	22.33	22.36	22.33		
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5
100	QPSK	270	0	21.96	22.09	21.97		
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.24	22.39	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.32	23.13	24.0	0.0
40	PI/2 BPSK	1	53	23.23	23.29	23.12		
40	PI/2 BPSK	1	104	23.10	23.31	23.19		
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0
40	PI/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5
40	PI/2 BPSK	100	0	23.09	23.28	23.29		
40	QPSK	1	1	23.33	23.34	23.22	24.0	0.0
40	QPSK	1	53	23.22	23.32	23.23		
40	QPSK	1	104	23.10	23.33	23.32		
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0
40	QPSK	50	56	22.61	22.68	22.53	23.0	1.0
40	QPSK	100	0	22.64	22.71	22.55		
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5
40	256QAM	1	1	19.13	19.32	19.24	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	23.28	23.25	23.08	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.98	23.13	23.11	24.0	0.0
100	PI/2 BPSK	1	137	23.14	23.21	23.24		
100	PI/2 BPSK	1	271	23.26	23.30	23.19		
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.23	23.03		
100	QPSK	1	1	23.31	23.36	23.22	24.0	0.0
100	QPSK	1	137	23.16	23.23	23.12		
100	QPSK	1	271	23.14	23.33	23.28		
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0
100	QPSK	135	138	23.19	23.31	23.16	24.0	0.0
100	QPSK	270	0	23.28	23.31	23.23		
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.29	23.17	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	23.25	23.26	23.16	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.19	23.32	23.08	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	23.17	23.23	23.12	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	23.13	23.24	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.25	23.26	23.05	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	23.22	23.24	23.18	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	23.19	23.29	23.10	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	23.21	23.31	23.12	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	23.16	23.19	23.17	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.02	26.26	26.01	27.0	0.0
100	PI/2 BPSK	1	137	26.00	26.17	26.01		
100	PI/2 BPSK	1	271	26.06	26.20	26.21		
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5
100	PI/2 BPSK	270	0	26.02	26.20	26.15		
100	QPSK	1	1	26.21	26.34	26.20	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.15		
100	QPSK	1	271	26.20	26.23	26.15		
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0
100	QPSK	270	0	25.32	25.54	25.32		
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.16	26.08	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.05	26.28	26.10	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.33	18.43	18.22	20.0	0.0
100	PI/2 BPSK	1	137	18.28	18.47	18.31		
100	PI/2 BPSK	1	271	18.08	18.18	18.09		
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0
100	PI/2 BPSK	270	0	18.26	18.27	18.09		
100	QPSK	1	1	18.43	18.59	18.39	20.0	0.0
100	QPSK	1	137	18.48	18.44	18.44		
100	QPSK	1	271	18.06	18.28	18.22		
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0
100	QPSK	270	0	18.19	18.33	18.24		
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.28	21.32	21.21	23.0	0.0
100	PI/2 BPSK	1	137	21.46	21.44	21.29		
100	PI/2 BPSK	1	271	21.53	21.75	21.62		
100	PI/2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5
100	PI/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0
100	PI/2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5
100	PI/2 BPSK	270	0	20.89	20.94	20.87		
100	QPSK	1	1	21.81	21.85	21.70	23.0	0.0
100	QPSK	1	137	21.40	21.47	21.42		
100	QPSK	1	271	21.62	21.78	21.58		
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0
100	QPSK	270	0	20.49	20.64	20.47		
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.76	21.68	21.65	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	21.62	21.70	21.55	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.80	21.56	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	21.72	21.66	21.65	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	21.62	21.72	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.73	21.76	21.54	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	21.61	21.74	21.52	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	21.76	21.69	21.64	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0

Part27Q n77 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.32		20.0	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.43		20.0	0.0
100	PI/2 BPSK	135	69		18.51		20.0	0.0
100	PI/2 BPSK	135	138		18.25		20.0	0.0
100	PI/2 BPSK	270	0		18.21			
100	QPSK	1	1		18.54		20.0	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.11		20.0	0.0
100	QPSK	135	69		18.52		20.0	0.0
100	QPSK	135	138		18.36		20.0	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.23		20.0	0.0
100	64QAM	1	1		18.19		20.0	0.0
100	256QAM	1	1		17.06		18.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0

Part27Q n77 PC2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.30		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		20.95		22.5	0.5
100	PI/2 BPSK	135	69		21.41		23.0	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.5
100	PI/2 BPSK	270	0		20.86			
100	QPSK	1	1		21.79		23.0	0.0
100	QPSK	1	137		21.54			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.18		22.0	1.0
100	QPSK	135	69		21.46		23.0	0.0
100	QPSK	135	138		20.38		22.0	1.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.46		22.0	1.0
100	64QAM	1	1		18.89		20.5	2.5
100	256QAM	1	1		16.65		18.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.60	21.69	21.70	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.68	21.68	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.60	21.69	21.63	23.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15		
100	PI/2 BPSK	1	271	17.81	17.89	17.74		
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26		
100	QPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	QPSK	1	137	18.29	18.38	18.35		
100	QPSK	1	271	17.94	18.07	18.03		
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0
100	QPSK	270	0	18.25	18.36	18.21		
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.30	18.36	18.42	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0
100	PI/2 BPSK	1	137	22.49	22.63	22.48		
100	PI/2 BPSK	1	271	22.63	22.61	22.40		
100	PI/2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0
100	PI/2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0
100	PI/2 BPSK	270	0	22.57	22.75	22.55		
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0
100	QPSK	1	137	22.64	22.71	22.52		
100	QPSK	1	271	22.44	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0
100	QPSK	270	0	22.72	22.83	22.79		
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0
100	PI/2 BPSK	1	137	25.35	25.52	25.48		
100	PI/2 BPSK	1	271	25.25	25.44	25.41		
100	PI/2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.86	25.05	24.84		
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.28	25.44	25.38		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0
100	QPSK	270	0	24.70	24.73	24.62		
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.62	25.40	27.0	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.26	19.26	19.17	20.0	0.0
100	PI/2 BPSK	1	137	18.99	19.09	19.08		
100	PI/2 BPSK	1	271	19.28	19.26	19.08		
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0
100	PI/2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0
100	QPSK	1	137	18.89	19.12	18.93		
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.29	19.07	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	19.01	19.25	19.20	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.17	19.20	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	19.04	19.18	19.15	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	19.00	19.32	19.15	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.32	19.10	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	19.02	19.24	19.18	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	19.14	19.19	19.14	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	19.14	19.19	19.09	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.84	22.08	21.85	23.0	0.0
100	PI/2 BPSK	1	137	21.77	22.02	21.82		
100	PI/2 BPSK	1	271	21.94	22.16	22.09		
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5
100	PI/2 BPSK	270	0	21.44	21.45	21.27		
100	QPSK	1	1	22.10	22.17	22.03	23.0	0.0
100	QPSK	1	137	21.85	22.00	22.04		
100	QPSK	1	271	21.90	22.15	22.08		
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0
100	QPSK	270	0	21.01	21.09	20.93		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.03	22.08	21.95	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	22.11	21.91	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.04	22.02	21.92	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	21.96	22.07	21.87	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.99	22.08	21.98	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	21.97	22.03	21.84	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	21.98	22.11	21.89	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.93	22.11	21.98	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.94		19.0	0.0
100	PI/2 BPSK	1	137		17.98			
100	PI/2 BPSK	1	271		18.14			
100	PI/2 BPSK	135	0		17.98		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		18.12		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.34		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.31		19.0	0.0
100	QPSK	135	138		18.15		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.11		19.0	0.0
100	64QAM	1	1		16.98		17.5	1.5
100	256QAM	1	1		15.49		16.0	3.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.30	18.19	19.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	18.27	18.15	18.25	19.0	0.0

Part27Q n77 PC2 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.84		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		20.34		21.5	0.5
100	PI/2 BPSK	135	69		20.89		22.0	0.0
100	PI/2 BPSK	135	138		20.52		21.5	0.5
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		21.21			
100	QPSK	135	0		19.82		21.0	1.0
100	QPSK	135	69		21.16		22.0	0.0
100	QPSK	135	138		19.97		21.0	1.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.95		21.0	1.0
100	64QAM	1	1		18.40		19.5	2.5
100	256QAM	1	1		16.34		17.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.07	21.11	21.19	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0
100	PI/2 BPSK	1	137	18.73	18.90	18.88		
100	PI/2 BPSK	1	271	18.99	19.07	19.01		
100	PI/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0
100	PI/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0
100	PI/2 BPSK	270	0	18.69	18.86	18.83		
100	QPSK	1	1	19.00	19.12	19.07	20.0	0.0
100	QPSK	1	137	18.51	18.69	18.54		
100	QPSK	1	271	18.99	19.10	18.95		
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0	18.90	19.03	18.85		
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5
Channel				639668	641666	643664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.06	18.96	19.06	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.89	23.87	23.69	25.0	0.0
100	PI/2 BPSK	1	137	23.72	23.72	23.74		
100	PI/2 BPSK	1	271	23.54	23.75	23.54		
100	PI/2 BPSK	135	0	23.71	23.82	23.78	25.0	0.0
100	PI/2 BPSK	135	69	23.52	23.72	23.62	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.65	23.41	25.0	0.0
100	PI/2 BPSK	270	0	23.83	23.81	23.84		
100	QPSK	1	1	23.94	23.96	23.81	25.0	0.0
100	QPSK	1	137	23.77	23.81	23.56		
100	QPSK	1	271	23.82	23.82	23.64		
100	QPSK	135	0	23.72	23.85	23.81	25.0	0.0
100	QPSK	135	69	23.66	23.91	23.68	25.0	0.0
100	QPSK	135	138	23.58	23.72	23.61	25.0	0.0
100	QPSK	270	0	23.58	23.84	23.77		
100	16QAM	1	1	23.79	23.85	23.79	25.0	0.0
100	64QAM	1	1	23.65	23.78	23.76	25.0	0.0
100	256QAM	1	1	22.36	22.41	22.39	23.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.81	23.89	23.72	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.90	23.91	23.62	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.77	23.92	23.63	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.78	23.91	23.61	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.79	23.81	23.71	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.80	23.82	23.77	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.76	23.81	23.76	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.79	23.85	23.73	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.86	23.77	23.76	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.85	23.80	23.64	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.59	26.84	26.66	28.0	0.0
100	PI/2 BPSK	1	137	26.53	26.71	26.49		
100	PI/2 BPSK	1	271	26.52	26.69	26.70		
100	PI/2 BPSK	135	0	26.64	26.75	26.73	27.5	0.5
100	PI/2 BPSK	135	69	26.67	26.67	26.47	28.0	0.0
100	PI/2 BPSK	135	138	26.62	26.62	26.62	27.5	0.5
100	PI/2 BPSK	270	0	26.64	26.77	26.56		
100	QPSK	1	1	26.92	26.97	26.85	28.0	0.0
100	QPSK	1	137	26.71	26.74	26.47		
100	QPSK	1	271	26.58	26.71	26.64		
100	QPSK	135	0	26.62	26.69	26.51	27.0	1.0
100	QPSK	135	69	26.89	26.91	26.85	28.0	0.0
100	QPSK	135	138	25.38	25.42	25.24	27.0	1.0
100	QPSK	270	0	25.56	25.89	25.32		
100	16QAM	1	1	25.49	25.55	25.56	27.0	1.0
100	64QAM	1	1	24.01	24.19	24.02	25.5	2.5
100	256QAM	1	1	22.45	22.51	22.26	23.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.84	26.77	26.66	28.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.73	26.81	26.76	28.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.72	26.79	26.72	28.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.76	26.85	26.72	28.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.82	26.83	26.78	28.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.86	26.86	26.72	28.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.83	26.77	26.70	28.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.81	26.83	26.75	28.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.79	26.77	26.76	28.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.79	26.75	26.69	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.50	22.73	22.64	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.56	22.47		
100	PI/2 BPSK	1	271	22.49	22.61	22.56		
100	PI/2 BPSK	135	0	22.55	22.64	22.39	24.0	0.0
100	PI/2 BPSK	135	69	22.53	22.49	22.52	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.48	22.45	24.0	0.0
100	PI/2 BPSK	270	0	22.53	22.56	22.33		
100	QPSK	1	1	22.75	22.76	22.69	24.0	0.0
100	QPSK	1	137	22.41	22.63	22.43		
100	QPSK	1	271	22.60	22.68	22.51		
100	QPSK	135	0	22.67	22.64	22.40	24.0	0.0
100	QPSK	135	69	22.55	22.68	22.49	24.0	0.0
100	QPSK	135	138	22.17	22.24	22.01	24.0	0.0
100	QPSK	270	0	22.60	22.63	22.56		
100	16QAM	1	1	22.59	22.67	22.45	24.0	0.0
100	64QAM	1	1	21.14	21.18	20.97	22.5	1.5
100	256QAM	1	1	19.50	19.61	19.62	21.0	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.57	22.72	22.54	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.63	22.66	22.52	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.64	22.70	22.61	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	22.61	22.71	22.61	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	22.60	22.59	22.59	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.60	22.68	22.58	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.68	22.59	22.52	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	22.64	22.58	22.64	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.70	22.56	22.59	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.68	22.56	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.68	25.79	25.60	27.0	0.0
100	PI/2 BPSK	1	137	25.78	25.76	25.71		
100	PI/2 BPSK	1	271	25.59	25.64	25.57		
100	PI/2 BPSK	135	0	25.42	25.37	25.22	26.5	0.5
100	PI/2 BPSK	135	69	25.59	25.71	25.61	27.0	0.0
100	PI/2 BPSK	135	138	24.88	25.07	24.86	26.5	0.5
100	PI/2 BPSK	270	0	25.07	25.29	25.04		
100	QPSK	1	1	25.65	25.81	25.75	27.0	0.0
100	QPSK	1	137	25.30	25.46	25.22		
100	QPSK	1	271	25.68	25.66	25.52		
100	QPSK	135	0	24.65	24.84	24.62	26.0	1.0
100	QPSK	135	69	25.71	25.80	25.78	27.0	0.0
100	QPSK	135	138	24.32	24.56	24.54	26.0	1.0
100	QPSK	270	0	24.53	24.71	24.57		
100	16QAM	1	1	24.99	25.02	24.87	26.0	1.0
100	64QAM	1	1	22.61	22.59	22.64	24.5	2.5
100	256QAM	1	1	21.50	21.64	21.68	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.56	25.63	25.71	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.53	25.63	25.58	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.51	25.74	25.61	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.55	25.69	25.61	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.54	25.71	25.57	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.55	25.69	25.60	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.46	25.70	25.68	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.60	25.63	25.69	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.58	25.67	25.67	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.47	25.62	25.71	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.95		24.0	0.0
100	PI/2 BPSK	1	137		22.78			
100	PI/2 BPSK	1	271		23.03			
100	PI/2 BPSK	135	0		22.86		24.0	0.0
100	PI/2 BPSK	135	69		22.71		24.0	0.0
100	PI/2 BPSK	135	138		22.70		24.0	0.0
100	PI/2 BPSK	270	0		22.78			
100	QPSK	1	1		23.08		24.0	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.86		24.0	0.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		22.46		24.0	0.0
100	QPSK	270	0		23.02			
100	16QAM	1	1		22.98		24.0	0.0
100	64QAM	1	1		21.40		22.5	1.5
100	256QAM	1	1		20.13		21.0	3.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	22.82	22.91	22.95	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.82	22.88	22.92	24.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	22.86	22.95	22.92	24.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	22.89	22.95	22.91	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.84	23.02	23.00	24.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	22.91	22.95	22.85	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	22.89	22.97	22.88	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.90	22.93	22.97	24.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	22.82	22.92	22.95	24.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	22.83	22.92	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.94		27.0	0.0
100	PI/2 BPSK	1	137		25.91			
100	PI/2 BPSK	1	271		25.79			
100	PI/2 BPSK	135	0		25.52		26.5	0.5
100	PI/2 BPSK	135	69		25.86		27.0	0.0
100	PI/2 BPSK	135	138		25.22		26.5	0.5
100	PI/2 BPSK	270	0		25.44			
100	QPSK	1	1		26.06		27.0	0.0
100	QPSK	1	137		26.01			
100	QPSK	1	271		25.81			
100	QPSK	135	0		24.99		26.0	1.0
100	QPSK	135	69		25.95		27.0	0.0
100	QPSK	135	138		24.71		26.0	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		25.17		26.0	1.0
100	64QAM	1	1		22.74		24.5	2.5
100	256QAM	1	1		21.79		22.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	25.83	26.00	25.87	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.95	25.88	25.93	27.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	25.85	25.96	25.88	27.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	25.96	25.95	25.94	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.88	26.02	25.92	27.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	25.82	26.01	25.96	27.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	25.85	25.92	25.95	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.92	25.95	25.93	27.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	25.94	25.98	25.98	27.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	25.90	25.89	25.91	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.40	22.20	22.35	23.5	0.0
100	PI/2 BPSK	1	137	22.24	22.26	22.30		
100	PI/2 BPSK	1	271	22.33	22.43	22.43		
100	PI/2 BPSK	135	0	22.38	22.40	22.33	23.5	0.0
100	PI/2 BPSK	135	69	22.24	22.34	22.33	23.5	0.0
100	PI/2 BPSK	135	138	22.32	22.41	22.28	23.5	0.0
100	PI/2 BPSK	270	0	22.18	22.35	22.15		
100	QPSK	1	1	22.43	22.47	22.41	23.5	0.0
100	QPSK	1	137	22.18	22.30	22.32		
100	QPSK	1	271	22.36	22.20	22.28		
100	QPSK	135	0	22.28	22.34	22.26	23.5	0.0
100	QPSK	135	69	22.32	22.43	22.39	23.5	0.0
100	QPSK	135	138	22.21	22.30	22.25	23.5	0.0
100	QPSK	270	0	22.32	22.41	22.21		
100	16QAM	1	1	22.25	22.32	22.35	23.5	0.0
100	64QAM	1	1	22.39	22.28	22.26	23.5	0.0
100	256QAM	1	1	22.12	22.43	22.20	23.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.37	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0

Reduced Power Mode for DSI4 ENDC Standalone

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

n71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0

n2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.63	23.66	23.45	24.5	0.0
20	PI/2 BPSK	1	53	23.47	23.69	23.60		
20	PI/2 BPSK	1	104	23.48	23.71	23.61		
20	PI/2 BPSK	50	0	23.60	23.69	23.64	24.0	0.5
20	PI/2 BPSK	50	28	23.56	23.64	23.43	24.5	0.0
20	PI/2 BPSK	50	56	23.69	23.70	23.69	24.0	0.5
20	PI/2 BPSK	100	0	23.57	23.66	23.59		
20	QPSK	1	1	23.70	23.73	23.71	24.5	0.0
20	QPSK	1	53	23.64	23.70	23.58		
20	QPSK	1	104	23.67	23.66	23.43		
20	QPSK	50	0	23.14	23.19	23.16	23.5	1.0
20	QPSK	50	28	23.66	23.70	23.57	24.5	0.0
20	QPSK	50	56	23.00	23.01	22.95	23.5	1.0
20	QPSK	100	0	23.12	23.19	23.18		
20	16QAM	1	1	22.95	22.93	22.73	23.5	1.0
20	64QAM	1	1	21.41	21.58	21.56	22.0	2.5
20	256QAM	1	1	18.40	18.53	18.57	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.53	23.63	23.55	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.64	23.57	23.54	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.51	23.67	23.62	24.5	0.0

n25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.54	23.68	23.55	24.5	0.0
40	PI/2 BPSK	1	108	23.51	23.72	23.56		
40	PI/2 BPSK	1	214	23.66	23.69	23.50		
40	PI/2 BPSK	108	0	23.40	23.63	23.58	24.0	0.5
40	PI/2 BPSK	108	54	23.49	23.61	23.61	24.5	0.0
40	PI/2 BPSK	108	108	23.46	23.66	23.67	24.0	0.5
40	PI/2 BPSK	216	0	23.48	23.67	23.64		
40	QPSK	1	1	23.73	23.77	23.68	24.5	0.0
40	QPSK	1	108	23.64	23.74	23.65		
40	QPSK	1	214	23.74	23.72	23.63		
40	QPSK	108	0	22.97	23.16	23.08	23.5	1.0
40	QPSK	108	54	23.46	23.72	23.67	24.5	0.0
40	QPSK	108	108	22.82	22.94	22.72	23.5	1.0
40	QPSK	216	0	22.86	23.02	22.96		
40	16QAM	1	1	22.95	22.96	22.88	23.5	1.0
40	64QAM	1	1	21.49	21.57	21.40	22.0	2.5
40	256QAM	1	1	19.52	19.51	19.26	20.0	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.59	23.68	23.61	24.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.57	23.73	23.53	24.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.56	23.73	23.64	24.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.61	23.70	23.63	24.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.63	23.62	23.64	24.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.66	23.66	23.61	24.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.56	23.70	23.63	24.5	0.0

n66 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.73	23.70	23.71	24.5	0.0
40	PI/2 BPSK	1	108	23.48	23.67	23.70		
40	PI/2 BPSK	1	214	23.50	23.71	23.48		
40	PI/2 BPSK	108	0	23.64	23.61	23.44	24.0	0.5
40	PI/2 BPSK	108	54	23.60	23.59	23.49	24.5	0.0
40	PI/2 BPSK	108	108	23.62	23.69	23.71	24.0	0.5
40	PI/2 BPSK	216	0	23.59	23.67	23.66		
40	QPSK	1	1	23.68	23.74	23.72	24.5	0.0
40	QPSK	1	108	23.47	23.69	23.52		
40	QPSK	1	214	23.64	23.72	23.48		
40	QPSK	108	0	23.07	23.21	22.99	23.5	1.0
40	QPSK	108	54	23.55	23.71	23.67	24.5	0.0
40	QPSK	108	108	23.22	23.24	23.01	23.5	1.0
40	QPSK	216	0	22.88	23.08	22.85		
40	16QAM	1	1	23.04	23.05	22.83	23.5	1.0
40	64QAM	1	1	21.56	21.58	21.59	22.0	2.5
40	256QAM	1	1	19.38	19.57	19.57	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.59	23.66	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.64	23.64	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.60	23.61	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.55	23.64	23.63	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.58	23.70	23.57	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.58	23.64	23.55	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.61	23.55	23.58	24.5	0.0

Part27O n77 Ant6

BW [MHz]	Modulation	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)				3760	3840	3920		
100	PI/2 BPSK	1	1	21.03	21.17	21.03	22.0	0.0
100	PI/2 BPSK	1	137	21.08	21.10	21.01		
100	PI/2 BPSK	1	271	21.03	21.15	21.03		
100	PI/2 BPSK	135	0	21.14	21.09	21.06	22.0	0.0
100	PI/2 BPSK	135	69	21.12	21.07	21.07	22.0	0.0
100	PI/2 BPSK	135	138	21.13	21.16	21.09	22.0	0.0
100	PI/2 BPSK	270	0	21.03	21.14	21.08		
100	QPSK	1	1	21.16	21.21	21.13	22.0	0.0
100	QPSK	1	137	21.13	21.18	20.99		
100	QPSK	1	271	21.12	21.15	21.09		
100	QPSK	135	0	21.13	21.12	21.09	22.0	0.0
100	QPSK	135	69	21.12	21.16	21.06	22.0	0.0
100	QPSK	135	138	21.14	21.15	21.09	22.0	0.0
100	QPSK	270	0	21.07	21.10	21.07		
100	16QAM	1	1	21.07	21.14	21.05	22.0	0.0
100	64QAM	1	1	21.11	21.12	21.00	22.0	0.0
100	256QAM	1	1	21.11	21.17	21.11	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.04	21.09	21.11	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	21.05	21.16	21.00	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.03	21.14	21.07	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	21.11	21.13	21.04	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	21.11	21.10	21.09	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.14	21.12	21.07	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.03	21.15	20.99	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	21.03	21.10	21.09	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.02	21.12	21.05	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.05	21.16	21.01	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3760	3840	3920		
100	PI/2 BPSK	1	1	24.06	24.03	24.02	25.0	0.0
100	PI/2 BPSK	1	137	23.95	24.02	23.92		
100	PI/2 BPSK	1	271	24.09	24.07	24.13		
100	PI/2 BPSK	135	0	23.86	23.84	23.91	25.0	0.0
100	PI/2 BPSK	135	69	23.84	23.88	23.87	25.0	0.0
100	PI/2 BPSK	135	138	24.03	24.09	24.08	25.0	0.0
100	PI/2 BPSK	270	0	24.11	24.10	24.07		
100	QPSK	1	1	24.21	24.27	24.12	25.0	0.0
100	QPSK	1	137	23.99	24.01	24.03		
100	QPSK	1	271	24.03	24.03	24.04		
100	QPSK	135	0	23.97	23.91	23.96	25.0	0.0
100	QPSK	135	69	24.04	24.14	24.13	25.0	0.0
100	QPSK	135	138	23.93	24.01	23.96	25.0	0.0
100	QPSK	270	0	24.04	24.07	24.03		
100	16QAM	1	1	23.99	24.02	24.03	25.0	0.0
100	64QAM	1	1	23.53	23.57	23.54	24.5	0.5
100	256QAM	1	1	21.56	21.56	21.51	22.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.12	24.12	24.09	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	24.04	24.05	24.10	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.02	24.11	24.07	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	24.05	24.12	24.11	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	24.08	24.13	24.12	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.06	24.09	24.08	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	24.09	24.09	24.05	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	24.07	24.08	24.05	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	24.03	24.02	24.04	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.06	24.10	24.03	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.09		22.0	0.0
100	PI/2 BPSK	1	137		21.06			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		20.97		22.0	0.0
100	PI/2 BPSK	135	69		20.94		22.0	0.0
100	PI/2 BPSK	135	138		21.12		22.0	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.17		22.0	0.0
100	QPSK	1	137		21.10			
100	QPSK	1	271		21.07			
100	QPSK	135	0		21.01		22.0	0.0
100	QPSK	135	69		21.09		22.0	0.0
100	QPSK	135	138		21.02		22.0	0.0
100	QPSK	270	0		21.04			
100	16QAM	1	1		21.08		22.0	0.0
100	64QAM	1	1		21.02		22.0	0.0
100	256QAM	1	1		21.11		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.96	20.98	21.03	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.99	20.97	21.01	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.91	20.99	20.97	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.93	21.03	21.03	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.01	20.98	21.09	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.00	21.05	21.00	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.01	21.01	21.07	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.95	20.98	21.06	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.99	20.95	21.03	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.98	20.98	21.09	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.20		25.0	0.0
100	PI/2 BPSK	1	137		23.99			
100	PI/2 BPSK	1	271		24.06			
100	PI/2 BPSK	135	0		23.89		25.0	0.0
100	PI/2 BPSK	135	69		23.89		25.0	0.0
100	PI/2 BPSK	135	138		23.97		25.0	0.0
100	PI/2 BPSK	270	0		24.03			
100	QPSK	1	1		24.21		25.0	0.0
100	QPSK	1	137		24.01			
100	QPSK	1	271		24.06			
100	QPSK	135	0		23.93		25.0	0.0
100	QPSK	135	69		24.05		25.0	0.0
100	QPSK	135	138		23.99		25.0	0.0
100	QPSK	270	0		24.06			
100	16QAM	1	1		23.99		25.0	0.0
100	64QAM	1	1		23.56		24.5	0.5
100	256QAM	1	1		21.51		22.5	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.02	24.06	23.98	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.99	24.08	23.98	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.06	23.98	23.98	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.02	24.08	24.02	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.99	24.06	23.99	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.05	24.06	24.08	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.97	24.02	23.98	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.04	23.99	24.04	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.99	24.00	23.98	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.07	24.02	24.07	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	20.99	21.06	20.95	22.0	0.0
100	PI/2 BPSK	1	137	21.00	21.03	20.90		
100	PI/2 BPSK	1	271	20.99	21.03	20.96		
100	PI/2 BPSK	135	0	21.04	21.03	21.00	22.0	0.0
100	PI/2 BPSK	135	69	21.03	20.97	21.01	22.0	0.0
100	PI/2 BPSK	135	138	21.05	21.09	21.03	22.0	0.0
100	PI/2 BPSK	270	0	21.02	21.04	21.00		
100	QPSK	1	1	21.05	21.16	21.10	22.0	0.0
100	QPSK	1	137	21.05	21.13	20.93		
100	QPSK	1	271	21.11	21.13	21.07		
100	QPSK	135	0	21.07	21.01	21.05	22.0	0.0
100	QPSK	135	69	21.12	21.14	21.03	22.0	0.0
100	QPSK	135	138	21.04	21.12	21.06	22.0	0.0
100	QPSK	270	0	20.96	21.06	21.04		
100	16QAM	1	1	21.01	21.05	21.03	22.0	0.0
100	64QAM	1	1	21.08	21.01	20.95	22.0	0.0
100	256QAM	1	1	21.00	21.12	21.06	22.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	20.94	21.13	20.92	22.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	20.93	21.15	20.97	22.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	21.00	21.13	20.96	22.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	21.03	21.09	21.03	22.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	20.97	21.15	21.01	22.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	20.99	21.14	20.97	22.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.97	21.11	20.95	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.02	21.15	20.97	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.99	21.06	20.96	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.94	21.09	20.96	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		21.15		22.0	0.0
100	PI/2 BPSK	1	137		21.16			
100	PI/2 BPSK	1	271		21.14			
100	PI/2 BPSK	135	0		21.08		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		21.06		22.0	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.29		22.0	0.0
100	QPSK	1	137		21.08			
100	QPSK	1	271		21.13			
100	QPSK	135	0		21.11		22.0	0.0
100	QPSK	135	69		21.19		22.0	0.0
100	QPSK	135	138		21.03		22.0	0.0
100	QPSK	270	0		21.06			
100	16QAM	1	1		21.19		22.0	0.0
100	64QAM	1	1		21.02		21.5	0.5
100	256QAM	1	1		19.09		19.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.02	21.03	21.11	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.05	21.09	21.12	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.02	21.08	21.14	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.04	21.09	21.21	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	20.99	21.13	21.17	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.07	21.07	21.23	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.06	21.09	21.18	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.08	21.01	21.20	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.09	21.08	21.17	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.01	21.12	21.21	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.11		22.0	0.0
100	PI/2 BPSK	1	137		21.11			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		21.07		22.0	0.0
100	PI/2 BPSK	135	69		21.07		22.0	0.0
100	PI/2 BPSK	135	138		21.04		22.0	0.0
100	PI/2 BPSK	270	0		21.04			
100	QPSK	1	1		21.23		22.0	0.0
100	QPSK	1	137		21.15			
100	QPSK	1	271		21.16			
100	QPSK	135	0		21.12		22.0	0.0
100	QPSK	135	69		21.13		22.0	0.0
100	QPSK	135	138		21.07		22.0	0.0
100	QPSK	270	0		21.12			
100	16QAM	1	1		21.12		22.0	0.0
100	64QAM	1	1		21.03		21.5	0.5
100	256QAM	1	1		19.05		19.5	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.09	21.12	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.05	21.05	21.12	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.02	21.09	21.14	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.11	21.04	21.12	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.04	21.05	21.21	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.10	21.09	21.11	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.10	21.12	21.18	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.02	21.09	21.11	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.07	21.03	21.17	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.99	21.03	21.15	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	21.08	21.20	21.04	22.0	0.0
100	PI/2 BPSK	1	137	21.13	21.06	20.98		
100	PI/2 BPSK	1	271	21.10	21.17	21.12		
100	PI/2 BPSK	135	0	21.00	21.12	21.06	22.0	0.0
100	PI/2 BPSK	135	69	20.96	21.09	21.08	22.0	0.0
100	PI/2 BPSK	135	138	21.03	21.13	21.18	22.0	0.0
100	PI/2 BPSK	270	0	21.13	21.11	21.11		
100	QPSK	1	1	21.15	21.22	21.21	22.0	0.0
100	QPSK	1	137	21.18	21.10	21.14		
100	QPSK	1	271	21.11	21.17	21.12		
100	QPSK	135	0	21.10	21.07	21.07	22.0	0.0
100	QPSK	135	69	21.10	21.15	21.03	22.0	0.0
100	QPSK	135	138	21.05	21.07	21.05	22.0	0.0
100	QPSK	270	0	21.09	21.13	21.10		
100	16QAM	1	1	21.03	21.13	21.04	22.0	0.0
100	64QAM	1	1	20.85	20.99	21.04	21.5	0.5
100	256QAM	1	1	19.00	19.14	18.82	19.5	2.5
Channel				639668	641666	643332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	21.08	21.07	21.15	22.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	21.05	21.05	21.18	22.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	21.03	21.11	21.11	22.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	21.01	21.05	21.20	22.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	21.08	21.01	21.18	22.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	21.02	21.01	21.16	22.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.07	21.10	21.16	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.99	21.04	21.15	22.0	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	21.10	21.06	21.12	22.0	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	21.01	21.08	21.15	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.32	23.13	24.0	0.0
40	PI/2 BPSK	1	53	23.23	23.29	23.12		
40	PI/2 BPSK	1	104	23.10	23.31	23.19		
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0
40	PI/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5
40	PI/2 BPSK	100	0	23.09	23.28	23.29		
40	QPSK	1	1	23.33	23.34	23.22	24.0	0.0
40	QPSK	1	53	23.22	23.32	23.23		
40	QPSK	1	104	23.10	23.33	23.32		
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0
40	QPSK	50	56	22.61	22.68	22.53	23.0	1.0
40	QPSK	100	0	22.64	22.71	22.55		
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5
40	256QAM	1	1	19.13	19.32	19.24	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	23.28	23.25	23.08	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.98	23.13	23.11	24.0	0.0
100	PI/2 BPSK	1	137	23.14	23.21	23.24		
100	PI/2 BPSK	1	271	23.26	23.30	23.19		
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.23	23.03		
100	QPSK	1	1	23.31	23.36	23.22	24.0	0.0
100	QPSK	1	137	23.16	23.23	23.12		
100	QPSK	1	271	23.14	23.33	23.28		
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0
100	QPSK	135	138	23.19	23.31	23.16	24.0	0.0
100	QPSK	270	0	23.28	23.31	23.23		
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.29	23.17	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	23.25	23.26	23.16	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.19	23.32	23.08	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	23.17	23.23	23.12	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	23.13	23.24	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.25	23.26	23.05	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	23.22	23.24	23.18	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	23.19	23.29	23.10	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	23.21	23.31	23.12	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	23.16	23.19	23.17	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.02	26.26	26.01	27.0	0.0
100	PI/2 BPSK	1	137	26.00	26.17	26.01		
100	PI/2 BPSK	1	271	26.06	26.20	26.21		
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5
100	PI/2 BPSK	270	0	26.02	26.20	26.15		
100	QPSK	1	1	26.21	26.34	26.20	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.15		
100	QPSK	1	271	26.20	26.23	26.15		
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0
100	QPSK	270	0	25.32	25.54	25.32		
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.16	26.08	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.05	26.28	26.10	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0

Reduced Power Mode for DSI6 Simultaneous

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.51	23.67	23.65	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.64	23.57		
20	PI/2 BPSK	1	104	23.55	23.72	23.62		
20	PI/2 BPSK	50	0	23.59	23.67	23.54	24.0	0.5
20	PI/2 BPSK	50	28	23.54	23.68	23.56	24.5	0.0
20	PI/2 BPSK	50	56	23.45	23.59	23.57	24.0	0.5
20	PI/2 BPSK	100	0	23.65	23.72	23.59		
20	QPSK	1	1	23.74	23.80	23.79	24.5	0.0
20	QPSK	1	53	23.66	23.70	23.64		
20	QPSK	1	104	23.71	23.76	23.67		
20	QPSK	50	0	23.18	23.22	23.05	23.5	1.0
20	QPSK	50	28	23.73	23.78	23.76	24.5	0.0
20	QPSK	50	56	22.98	23.02	22.87	23.5	1.0
20	QPSK	100	0	23.07	23.12	23.09		
20	16QAM	1	1	23.25	23.39	23.24	23.5	1.0
20	64QAM	1	1	21.77	21.91	21.76	22.0	2.5
20	256QAM	1	1	19.74	19.89	19.81	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.59	23.60	23.65	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.68	23.69	23.63	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.69	23.66	23.71	24.5	0.0

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		24.09		25.0	0.0
10	PI/2 BPSK	1	26		23.99			
10	PI/2 BPSK	1	50		23.89			
10	PI/2 BPSK	25	0		23.92		24.5	0.5
10	PI/2 BPSK	25	14		23.88		25.0	0.0
10	PI/2 BPSK	25	27		23.84		24.5	0.5
10	PI/2 BPSK	50	0		23.92			
10	QPSK	1	1		24.10		25.0	0.0
10	QPSK	1	26		23.94			
10	QPSK	1	50		23.96			
10	QPSK	25	0		23.93		24.0	1.0
10	QPSK	25	14		24.06		25.0	0.0
10	QPSK	25	27		23.01		24.0	1.0
10	QPSK	50	0		23.08			
10	16QAM	1	1		23.06		24.0	1.0
10	64QAM	1	1		21.60		22.5	2.5
10	256QAM	1	1		19.52		20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0

n25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.74	23.80	23.61	24.5	0.0
40	PI/2 BPSK	1	108	23.69	23.78	23.77		
40	PI/2 BPSK	1	214	23.70	23.81	23.62		
40	PI/2 BPSK	108	0	23.81	23.78	23.73	24.0	0.5
40	PI/2 BPSK	108	54	23.76	23.76	23.67	24.5	0.0
40	PI/2 BPSK	108	108	23.68	23.76	23.79	24.0	0.5
40	PI/2 BPSK	216	0	23.72	23.83	23.72		
40	QPSK	1	1	23.70	23.88	23.77	24.5	0.0
40	QPSK	1	108	23.85	23.81	23.70		
40	QPSK	1	214	23.77	23.85	23.79		
40	QPSK	108	0	23.18	23.29	23.13	23.5	1.0
40	QPSK	108	54	23.68	23.78	23.75	24.5	0.0
40	QPSK	108	108	23.19	23.26	23.19	23.5	1.0
40	QPSK	216	0	23.22	23.36	23.20		
40	16QAM	1	1	23.49	23.46	23.40	23.5	1.0
40	64QAM	1	1	21.54	21.68	21.56	22.0	2.5
40	256QAM	1	1	19.51	19.71	19.57	20.0	4.5
Channel				375500	376500	377500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.61	23.74	23.58	24.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.59	23.69	23.71	24.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.63	23.70	23.68	24.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.66	23.84	23.62	24.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.60	23.79	23.58	24.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.56	23.77	23.68	24.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.64	23.81	23.64	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0
100	PI/2 BPSK	1	137	21.25	21.36	21.22		
100	PI/2 BPSK	1	271	21.35	21.41	21.25		
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0
100	PI/2 BPSK	270	0	21.20	21.41	21.19		
100	QPSK	1	1	21.52	21.55	21.39	22.0	0.0
100	QPSK	1	137	21.24	21.42	21.28		
100	QPSK	1	271	21.41	21.49	21.48		
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0
100	QPSK	270	0	21.28	21.51	21.46		
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0
100	PI/2 BPSK	1	137	24.38	24.42	24.40		
100	PI/2 BPSK	1	271	24.35	24.38	24.27		
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74		
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0
100	QPSK	1	137	24.56	24.53	24.52		
100	QPSK	1	271	24.27	24.49	24.38		
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0
100	QPSK	270	0	23.52	23.54	23.53		
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.41	24.49	24.42	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.04	21.14	21.06	22.0	0.0
40	PI/2 BPSK	1	53	21.05	21.03	21.04		
40	PI/2 BPSK	1	104	21.09	21.07	21.02		
40	PI/2 BPSK	50	0	21.03	21.07	21.05	22.0	0.0
40	PI/2 BPSK	50	28	21.07	21.10	21.09	22.0	0.0
40	PI/2 BPSK	50	56	21.03	21.10	21.05	22.0	0.0
40	PI/2 BPSK	100	0	21.02	21.06	21.07		
40	QPSK	1	1	21.14	21.17	21.12	22.0	0.0
40	QPSK	1	53	21.10	21.08	21.02		
40	QPSK	1	104	21.03	21.12	21.01		
40	QPSK	50	0	21.05	21.12	21.08	22.0	0.0
40	QPSK	50	28	21.07	21.15	20.98	22.0	0.0
40	QPSK	50	56	21.04	21.08	21.05	22.0	0.0
40	QPSK	100	0	21.09	21.12	21.07		
40	16QAM	1	1	21.00	21.03	21.01	22.0	0.0
40	64QAM	1	1	20.64	20.72	20.66	21.5	0.5
40	256QAM	1	1	18.58	18.68	18.59	19.5	2.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.03	21.13	21.06	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.11	21.08	21.09	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.02	21.10	21.05	22.0	0.0

Part27O n77 Ant6

BW [MHz]	Modulation	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	21.03	21.17	21.03	22.0	0.0
100	PI/2 BPSK	1	137	21.08	21.10	21.01		
100	PI/2 BPSK	1	271	21.03	21.15	21.03		
100	PI/2 BPSK	135	0	21.14	21.09	21.06	22.0	0.0
100	PI/2 BPSK	135	69	21.12	21.07	21.07	22.0	0.0
100	PI/2 BPSK	135	138	21.13	21.16	21.09	22.0	0.0
100	PI/2 BPSK	270	0	21.03	21.14	21.08		
100	QPSK	1	1	21.16	21.21	21.13	22.0	0.0
100	QPSK	1	137	21.13	21.18	20.99		
100	QPSK	1	271	21.12	21.15	21.09		
100	QPSK	135	0	21.13	21.12	21.09	22.0	0.0
100	QPSK	135	69	21.12	21.16	21.06	22.0	0.0
100	QPSK	135	138	21.14	21.15	21.09	22.0	0.0
100	QPSK	270	0	21.07	21.10	21.07		
100	16QAM	1	1	21.07	21.14	21.05	22.0	0.0
100	64QAM	1	1	21.11	21.12	21.00	22.0	0.0
100	256QAM	1	1	21.11	21.17	21.11	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.04	21.09	21.11	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	21.05	21.16	21.00	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.03	21.14	21.07	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	21.11	21.13	21.04	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	21.11	21.10	21.09	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.14	21.12	21.07	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.03	21.15	20.99	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	21.03	21.10	21.09	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.02	21.12	21.05	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.05	21.16	21.01	22.0	0.0

Part27O n77 PC2 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.06	24.03	24.02	25.0	0.0
100	PI/2 BPSK	1	137	23.95	24.02	23.92		
100	PI/2 BPSK	1	271	24.09	24.07	24.13		
100	PI/2 BPSK	135	0	23.86	23.84	23.91	25.0	0.0
100	PI/2 BPSK	135	69	23.84	23.88	23.87	25.0	0.0
100	PI/2 BPSK	135	138	24.03	24.09	24.08	25.0	0.0
100	PI/2 BPSK	270	0	24.11	24.10	24.07		
100	QPSK	1	1	24.21	24.27	24.12	25.0	0.0
100	QPSK	1	137	23.99	24.01	24.03		
100	QPSK	1	271	24.03	24.03	24.04		
100	QPSK	135	0	23.97	23.91	23.96	25.0	0.0
100	QPSK	135	69	24.04	24.14	24.13	25.0	0.0
100	QPSK	135	138	23.93	24.01	23.96	25.0	0.0
100	QPSK	270	0	24.04	24.07	24.03		
100	16QAM	1	1	23.99	24.02	24.03	25.0	0.0
100	64QAM	1	1	23.53	23.57	23.54	24.5	0.5
100	256QAM	1	1	21.56	21.56	21.51	22.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.12	24.12	24.09	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	24.04	24.05	24.10	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.02	24.11	24.07	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	24.05	24.12	24.11	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	24.08	24.13	24.12	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.06	24.09	24.08	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	24.09	24.09	24.05	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	24.07	24.08	24.05	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	24.03	24.02	24.04	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.06	24.10	24.03	25.0	0.0

Part27Q n77 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.09		22.0	0.0
100	PI/2 BPSK	1	137		21.06			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		20.97		22.0	0.0
100	PI/2 BPSK	135	69		20.94		22.0	0.0
100	PI/2 BPSK	135	138		21.12		22.0	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.17		22.0	0.0
100	QPSK	1	137		21.10			
100	QPSK	1	271		21.07			
100	QPSK	135	0		21.01		22.0	0.0
100	QPSK	135	69		21.09		22.0	0.0
100	QPSK	135	138		21.02		22.0	0.0
100	QPSK	270	0		21.04			
100	16QAM	1	1		21.08		22.0	0.0
100	64QAM	1	1		21.02		22.0	0.0
100	256QAM	1	1		21.11		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.96	20.98	21.03	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.99	20.97	21.01	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.91	20.99	20.97	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.93	21.03	21.03	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.01	20.98	21.09	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.00	21.05	21.00	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.01	21.01	21.07	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.95	20.98	21.06	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.99	20.95	21.03	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.98	20.98	21.09	22.0	0.0

Part27Q n77 PC2 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.20		25.0	0.0
100	PI/2 BPSK	1	137		23.99			
100	PI/2 BPSK	1	271		24.06			
100	PI/2 BPSK	135	0		23.89		25.0	0.0
100	PI/2 BPSK	135	69		23.89		25.0	0.0
100	PI/2 BPSK	135	138		23.97		25.0	0.0
100	PI/2 BPSK	270	0		24.03			
100	QPSK	1	1		24.21		25.0	0.0
100	QPSK	1	137		24.01			
100	QPSK	1	271		24.06			
100	QPSK	135	0		23.93		25.0	0.0
100	QPSK	135	69		24.05		25.0	0.0
100	QPSK	135	138		23.99		25.0	0.0
100	QPSK	270	0		24.06			
100	16QAM	1	1		23.99		25.0	0.0
100	64QAM	1	1		23.56		24.5	0.5
100	256QAM	1	1		21.51		22.5	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.02	24.06	23.98	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.99	24.08	23.98	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.06	23.98	23.98	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.02	24.08	24.02	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.99	24.06	23.99	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.05	24.06	24.08	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.97	24.02	23.98	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.04	23.99	24.04	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.99	24.00	23.98	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.07	24.02	24.07	25.0	0.0

Part96 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	20.99	21.06	20.95	22.0	0.0
100	PI/2 BPSK	1	137	21.00	21.03	20.90		
100	PI/2 BPSK	1	271	20.99	21.03	20.96		
100	PI/2 BPSK	135	0	21.04	21.03	21.00	22.0	0.0
100	PI/2 BPSK	135	69	21.03	20.97	21.01	22.0	0.0
100	PI/2 BPSK	135	138	21.05	21.09	21.03	22.0	0.0
100	PI/2 BPSK	270	0	21.02	21.04	21.00		
100	QPSK	1	1	21.05	21.16	21.10	22.0	0.0
100	QPSK	1	137	21.05	21.13	20.93		
100	QPSK	1	271	21.11	21.13	21.07		
100	QPSK	135	0	21.07	21.01	21.05	22.0	0.0
100	QPSK	135	69	21.12	21.14	21.03	22.0	0.0
100	QPSK	135	138	21.04	21.12	21.06	22.0	0.0
100	QPSK	270	0	20.96	21.06	21.04		
100	16QAM	1	1	21.01	21.05	21.03	22.0	0.0
100	64QAM	1	1	21.08	21.01	20.95	22.0	0.0
100	256QAM	1	1	21.00	21.12	21.06	22.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	20.94	21.13	20.92	22.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	20.93	21.15	20.97	22.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	21.00	21.13	20.96	22.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	21.03	21.09	21.03	22.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	20.97	21.15	21.01	22.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	20.99	21.14	20.97	22.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.97	21.11	20.95	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.02	21.15	20.97	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.99	21.06	20.96	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.94	21.09	20.96	22.0	0.0

Part27O n78 Ant6

BW [MHz]	Modulation	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		21.15		22.0	0.0
100	PI/2 BPSK	1	137		21.16			
100	PI/2 BPSK	1	271		21.14			
100	PI/2 BPSK	135	0		21.08		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		21.06		22.0	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.29		22.0	0.0
100	QPSK	1	137		21.08			
100	QPSK	1	271		21.13			
100	QPSK	135	0		21.11		22.0	0.0
100	QPSK	135	69		21.19		22.0	0.0
100	QPSK	135	138		21.03		22.0	0.0
100	QPSK	270	0		21.06			
100	16QAM	1	1		21.19		22.0	0.0
100	64QAM	1	1		21.02		21.5	0.5
100	256QAM	1	1		19.09		19.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.02	21.03	21.11	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.05	21.09	21.12	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.02	21.08	21.14	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.04	21.09	21.21	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	20.99	21.13	21.17	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.07	21.07	21.23	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.06	21.09	21.18	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.08	21.01	21.20	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.09	21.08	21.17	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.01	21.12	21.21	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.11		22.0	0.0
100	PI/2 BPSK	1	137		21.11			
100	PI/2 BPSK	1	271		21.13			
100	PI/2 BPSK	135	0		21.07		22.0	0.0
100	PI/2 BPSK	135	69		21.07		22.0	0.0
100	PI/2 BPSK	135	138		21.04		22.0	0.0
100	PI/2 BPSK	270	0		21.04			
100	QPSK	1	1		21.23		22.0	0.0
100	QPSK	1	137		21.15			
100	QPSK	1	271		21.16			
100	QPSK	135	0		21.12		22.0	0.0
100	QPSK	135	69		21.13		22.0	0.0
100	QPSK	135	138		21.07		22.0	0.0
100	QPSK	270	0		21.12			
100	16QAM	1	1		21.12		22.0	0.0
100	64QAM	1	1		21.03		21.5	0.5
100	256QAM	1	1		19.05		19.5	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.09	21.12	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.05	21.05	21.12	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.02	21.09	21.14	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.11	21.04	21.12	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.04	21.05	21.21	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.10	21.09	21.11	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.10	21.12	21.18	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.02	21.09	21.11	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.07	21.03	21.17	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.99	21.03	21.15	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	21.08	21.20	21.04	22.0	0.0
100	PI/2 BPSK	1	137	21.13	21.06	20.98		
100	PI/2 BPSK	1	271	21.10	21.17	21.12		
100	PI/2 BPSK	135	0	21.00	21.12	21.06	22.0	0.0
100	PI/2 BPSK	135	69	20.96	21.09	21.08	22.0	0.0
100	PI/2 BPSK	135	138	21.03	21.13	21.18	22.0	0.0
100	PI/2 BPSK	270	0	21.13	21.11	21.11		
100	QPSK	1	1	21.15	21.22	21.21	22.0	0.0
100	QPSK	1	137	21.18	21.10	21.14		
100	QPSK	1	271	21.11	21.17	21.12		
100	QPSK	135	0	21.10	21.07	21.07	22.0	0.0
100	QPSK	135	69	21.10	21.15	21.03	22.0	0.0
100	QPSK	135	138	21.05	21.07	21.05	22.0	0.0
100	QPSK	270	0	21.09	21.13	21.10		
100	16QAM	1	1	21.03	21.13	21.04	22.0	0.0
100	64QAM	1	1	20.85	20.99	21.04	21.5	0.5
100	256QAM	1	1	19.00	19.14	18.82	19.5	2.5
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3754.98		
90	QPSK	1	1	21.08	21.07	21.15	22.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	21.05	21.05	21.18	22.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	21.03	21.11	21.11	22.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	21.01	21.05	21.20	22.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	21.08	21.01	21.18	22.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	21.02	21.01	21.16	22.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.07	21.10	21.16	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.99	21.04	21.15	22.0	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	21.10	21.06	21.12	22.0	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	21.01	21.08	21.15	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.32	23.13	24.0	0.0
40	PI/2 BPSK	1	53	23.23	23.29	23.12		
40	PI/2 BPSK	1	104	23.10	23.31	23.19		
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0
40	PI/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5
40	PI/2 BPSK	100	0	23.09	23.28	23.29		
40	QPSK	1	1	23.33	23.34	23.22	24.0	0.0
40	QPSK	1	53	23.22	23.32	23.23		
40	QPSK	1	104	23.10	23.33	23.32		
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0
40	QPSK	50	56	22.61	22.68	22.53	23.0	1.0
40	QPSK	100	0	22.64	22.71	22.55		
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5
40	256QAM	1	1	19.13	19.32	19.24	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	23.28	23.25	23.08	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.98	23.13	23.11	24.0	0.0
100	PI/2 BPSK	1	137	23.14	23.21	23.24		
100	PI/2 BPSK	1	271	23.26	23.30	23.19		
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.23	23.03		
100	QPSK	1	1	23.31	23.36	23.22	24.0	0.0
100	QPSK	1	137	23.16	23.23	23.12		
100	QPSK	1	271	23.14	23.33	23.28		
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0
100	QPSK	135	138	23.19	23.31	23.16	24.0	0.0
100	QPSK	270	0	23.28	23.31	23.23		
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.29	23.17	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	23.25	23.26	23.16	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.19	23.32	23.08	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	23.17	23.23	23.12	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	23.13	23.24	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.25	23.26	23.05	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	23.22	23.24	23.18	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	23.19	23.29	23.10	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	23.21	23.31	23.12	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	23.16	23.19	23.17	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.02	26.26	26.01	27.0	0.0
100	PI/2 BPSK	1	137	26.00	26.17	26.01		
100	PI/2 BPSK	1	271	26.06	26.20	26.21		
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5
100	PI/2 BPSK	270	0	26.02	26.20	26.15		
100	QPSK	1	1	26.21	26.34	26.20	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.15		
100	QPSK	1	271	26.20	26.23	26.15		
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0
100	QPSK	270	0	25.32	25.54	25.32		
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.16	26.08	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.05	26.28	26.10	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.33	18.43	18.22	20.0	0.0
100	PI/2 BPSK	1	137	18.28	18.47	18.31		
100	PI/2 BPSK	1	271	18.08	18.18	18.09		
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0
100	PI/2 BPSK	270	0	18.26	18.27	18.09		
100	QPSK	1	1	18.43	18.59	18.39	20.0	0.0
100	QPSK	1	137	18.48	18.44	18.44		
100	QPSK	1	271	18.06	18.28	18.22		
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0
100	QPSK	270	0	18.19	18.33	18.24		
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0

Part27O n77 PC2 Ant2

BW [MHz]	Modulation	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	21.28	21.32	21.21	23.0	0.0
100	PI/2 BPSK	1	137	21.46	21.44	21.29		
100	PI/2 BPSK	1	271	21.53	21.75	21.62		
100	PI/2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5
100	PI/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0
100	PI/2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5
100	PI/2 BPSK	270	0	20.89	20.94	20.87		
100	QPSK	1	1	21.81	21.85	21.70	23.0	0.0
100	QPSK	1	137	21.40	21.47	21.42		
100	QPSK	1	271	21.62	21.78	21.58		
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0
100	QPSK	270	0	20.49	20.64	20.47		
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.76	21.68	21.65	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	21.62	21.70	21.55	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.80	21.56	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	21.72	21.66	21.65	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	21.62	21.72	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.73	21.76	21.54	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	21.61	21.74	21.52	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	21.76	21.69	21.64	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0

Part27Q n77 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.32		20.0	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.43		20.0	0.0
100	PI/2 BPSK	135	69		18.51		20.0	0.0
100	PI/2 BPSK	135	138		18.25		20.0	0.0
100	PI/2 BPSK	270	0		18.21			
100	QPSK	1	1		18.54		20.0	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.11		20.0	0.0
100	QPSK	135	69		18.52		20.0	0.0
100	QPSK	135	138		18.36		20.0	0.0
100	QPSK	270	0		18.36			
100	16QAM	1	1		18.23		20.0	0.0
100	64QAM	1	1		18.19		20.0	0.0
100	256QAM	1	1		17.06		18.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0

Part27Q n77 PC2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.30		23.0	0.0
100	PI/2 BPSK	1	137		21.47			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		20.95		22.5	0.5
100	PI/2 BPSK	135	69		21.41		23.0	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.5
100	PI/2 BPSK	270	0		20.86			
100	QPSK	1	1		21.79		23.0	0.0
100	QPSK	1	137		21.54			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.18		22.0	1.0
100	QPSK	135	69		21.46		23.0	0.0
100	QPSK	135	138		20.38		22.0	1.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.46		22.0	1.0
100	64QAM	1	1		18.89		20.5	2.5
100	256QAM	1	1		16.65		18.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.60	21.69	21.70	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.68	21.68	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.60	21.69	21.63	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15		
100	PI/2 BPSK	1	271	17.81	17.89	17.74		
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26		
100	QPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	QPSK	1	137	18.29	18.38	18.35		
100	QPSK	1	271	17.94	18.07	18.03		
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0
100	QPSK	270	0	18.25	18.36	18.21		
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.30	18.36	18.42	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0
100	PI/2 BPSK	1	137	22.49	22.63	22.48		
100	PI/2 BPSK	1	271	22.63	22.61	22.40		
100	PI/2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0
100	PI/2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0
100	PI/2 BPSK	270	0	22.57	22.75	22.55		
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0
100	QPSK	1	137	22.64	22.71	22.52		
100	QPSK	1	271	22.44	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0
100	QPSK	270	0	22.72	22.83	22.79		
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0
100	PI/2 BPSK	1	137	25.35	25.52	25.48		
100	PI/2 BPSK	1	271	25.25	25.44	25.41		
100	PI/2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.86	25.05	24.84		
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.28	25.44	25.38		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0
100	QPSK	270	0	24.70	24.73	24.62		
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.62	25.40	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	19.26	19.26	19.17	20.0	0.0
100	PI/2 BPSK	1	137	18.99	19.09	19.08		
100	PI/2 BPSK	1	271	19.28	19.26	19.08		
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0
100	PI/2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0
100	QPSK	1	137	18.89	19.12	18.93		
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.29	19.07	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	19.01	19.25	19.20	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.17	19.20	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	19.04	19.18	19.15	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	19.00	19.32	19.15	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.32	19.10	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	19.02	19.24	19.18	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	19.14	19.19	19.14	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	19.14	19.19	19.09	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.84	22.08	21.85	23.0	0.0
100	PI/2 BPSK	1	137	21.77	22.02	21.82		
100	PI/2 BPSK	1	271	21.94	22.16	22.09		
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5
100	PI/2 BPSK	270	0	21.44	21.45	21.27		
100	QPSK	1	1	22.10	22.17	22.03	23.0	0.0
100	QPSK	1	137	21.85	22.00	22.04		
100	QPSK	1	271	21.90	22.15	22.08		
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0
100	QPSK	270	0	21.01	21.09	20.93		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.03	22.08	21.95	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	22.11	21.91	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.04	22.02	21.92	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	21.96	22.07	21.87	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.99	22.08	21.98	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	21.97	22.03	21.84	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	21.98	22.11	21.89	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.93	22.11	21.98	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					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		17.94		19.0	0.0
100	Pi/2 BPSK	1	137		17.98			
100	Pi/2 BPSK	1	271		18.14			
100	Pi/2 BPSK	135	0		17.98		19.0	0.0
100	Pi/2 BPSK	135	69		18.02		19.0	0.0
100	Pi/2 BPSK	135	138		18.12		19.0	0.0
100	Pi/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.34		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.31		19.0	0.0
100	QPSK	135	138		18.15		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.11		19.0	0.0
100	64QAM	1	1		16.98		17.5	1.5
100	256QAM	1	1		15.49		16.0	3.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.30	18.19	19.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	18.27	18.15	18.25	19.0	0.0

Part27Q n77 PC2 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		20.84		22.0	0.0
100	Pi/2 BPSK	1	137		20.83			
100	Pi/2 BPSK	1	271		21.13			
100	Pi/2 BPSK	135	0		20.34		21.5	0.5
100	Pi/2 BPSK	135	69		20.89		22.0	0.0
100	Pi/2 BPSK	135	138		20.52		21.5	0.5
100	Pi/2 BPSK	270	0		20.39			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		21.21			
100	QPSK	135	0		19.82		21.0	1.0
100	QPSK	135	69		21.16		22.0	0.0
100	QPSK	135	138		19.97		21.0	1.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.95		21.0	1.0
100	64QAM	1	1		18.40		19.5	2.5
100	256QAM	1	1		16.34		17.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.07	21.11	21.19	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	Pi/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0
100	Pi/2 BPSK	1	137	18.73	18.90	18.88		
100	Pi/2 BPSK	1	271	18.99	19.07	19.01		
100	Pi/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0
100	Pi/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0
100	Pi/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0
100	Pi/2 BPSK	270	0	18.69	18.86	18.83		
100	QPSK	1	1	19.00	19.12	19.07	20.0	0.0
100	QPSK	1	137	18.51	18.69	18.54		
100	QPSK	1	271	18.99	19.10	18.95		
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0	18.90	19.03	18.85		
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.06	18.96	19.06	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.89	23.87	23.69	25.0	0.0
100	PI/2 BPSK	1	137	23.72	23.72	23.74		
100	PI/2 BPSK	1	271	23.54	23.75	23.54		
100	PI/2 BPSK	135	0	23.71	23.82	23.78	25.0	0.0
100	PI/2 BPSK	135	69	23.52	23.72	23.62	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.65	23.41	25.0	0.0
100	PI/2 BPSK	270	0	23.83	23.81	23.84		
100	QPSK	1	1	23.94	23.96	23.81	25.0	0.0
100	QPSK	1	137	23.77	23.81	23.56		
100	QPSK	1	271	23.82	23.82	23.64		
100	QPSK	135	0	23.72	23.85	23.81	25.0	0.0
100	QPSK	135	69	23.66	23.91	23.68	25.0	0.0
100	QPSK	135	138	23.58	23.72	23.61	25.0	0.0
100	QPSK	270	0	23.58	23.84	23.77		
100	16QAM	1	1	23.79	23.85	23.79	25.0	0.0
100	64QAM	1	1	23.65	23.78	23.76	25.0	0.0
100	256QAM	1	1	22.36	22.41	22.39	23.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	25.0	0.0
90	QPSK	1	1	23.81	23.89	23.72	Tune-up limit (dBm)	MPR (dB)
Channel				507204	518598	529998	25.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	23.90	23.91	23.62	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	25.0	0.0
70	QPSK	1	1	23.77	23.92	23.63	Tune-up limit (dBm)	MPR (dB)
Channel				505200	518598	531996	25.0	0.0
Frequency (MHz)				2526	2592.99	2659.98	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	23.78	23.91	23.61	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	25.0	0.0
50	QPSK	1	1	23.79	23.81	23.71	Tune-up limit (dBm)	MPR (dB)
Channel				503202	518598	534000	25.0	0.0
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	23.80	23.82	23.77	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	25.0	0.0
30	QPSK	1	1	23.76	23.81	23.76	Tune-up limit (dBm)	MPR (dB)
Channel				501204	518598	535998	25.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.79	23.85	23.73	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48	25.0	0.0
15	QPSK	1	1	23.86	23.77	23.76	Tune-up limit (dBm)	MPR (dB)
Channel				500202	518598	537000	25.0	0.0
Frequency (MHz)				2501.01	2592.99	2685	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.85	23.80	23.64	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.59	26.84	26.66	28.0	0.0
100	PI/2 BPSK	1	137	26.53	26.71	26.49		
100	PI/2 BPSK	1	271	26.52	26.69	26.70		
100	PI/2 BPSK	135	0	26.64	26.75	26.73	27.5	0.5
100	PI/2 BPSK	135	69	26.67	26.67	26.47	28.0	0.0
100	PI/2 BPSK	135	138	26.62	26.62	26.62	27.5	0.5
100	PI/2 BPSK	270	0	26.64	26.77	26.56		
100	QPSK	1	1	26.92	26.97	26.85	28.0	0.0
100	QPSK	1	137	26.71	26.74	26.47		
100	QPSK	1	271	26.58	26.71	26.64		
100	QPSK	135	0	26.62	26.69	26.51	27.0	1.0
100	QPSK	135	69	26.89	26.91	26.85	28.0	0.0
100	QPSK	135	138	25.38	25.42	25.24	27.0	1.0
100	QPSK	270	0	25.56	25.89	25.32		
100	16QAM	1	1	25.49	25.55	25.56	27.0	1.0
100	64QAM	1	1	24.01	24.19	24.02	25.5	2.5
100	256QAM	1	1	22.45	22.51	22.26	23.5	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	28.0	0.0
90	QPSK	1	1	26.84	26.77	26.66	Tune-up limit (dBm)	MPR (dB)
Channel				507204	518598	529998	28.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	26.73	26.81	26.76	28.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	28.0	0.0
70	QPSK	1	1	26.72	26.79	26.72	Tune-up limit (dBm)	MPR (dB)
Channel				505200	518598	531996	28.0	0.0
Frequency (MHz)				2526	2592.99	2659.98	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	26.76	26.85	26.72	28.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	28.0	0.0
50	QPSK	1	1	26.82	26.83	26.78	Tune-up limit (dBm)	MPR (dB)
Channel				503202	518598	534000	28.0	0.0
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	26.86	26.86	26.72	28.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	28.0	0.0
30	QPSK	1	1	26.83	26.77	26.70	Tune-up limit (dBm)	MPR (dB)
Channel				501204	518598	535998	28.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	26.81	26.83	26.75	28.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48	28.0	0.0
15	QPSK	1	1	26.79	26.77	26.76	Tune-up limit (dBm)	MPR (dB)
Channel				500202	518598	537000	28.0	0.0
Frequency (MHz)				2501.01	2592.99	2685	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	26.79	26.75	26.69	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.50	22.73	22.64	24.0	0.0
100	PI/2 BPSK	1	137	22.52	22.56	22.47		
100	PI/2 BPSK	1	271	22.49	22.61	22.56		
100	PI/2 BPSK	135	0	22.55	22.64	22.39	24.0	0.0
100	PI/2 BPSK	135	69	22.53	22.49	22.52	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.48	22.45	24.0	0.0
100	PI/2 BPSK	270	0	22.53	22.56	22.33		
100	QPSK	1	1	22.75	22.76	22.69	24.0	0.0
100	QPSK	1	137	22.41	22.63	22.43		
100	QPSK	1	271	22.60	22.68	22.51		
100	QPSK	135	0	22.67	22.64	22.40	24.0	0.0
100	QPSK	135	69	22.55	22.68	22.49	24.0	0.0
100	QPSK	135	138	22.17	22.24	22.01	24.0	0.0
100	QPSK	270	0	22.60	22.63	22.56		
100	16QAM	1	1	22.59	22.67	22.45	24.0	0.0
100	64QAM	1	1	21.14	21.18	20.97	22.5	1.5
100	256QAM	1	1	19.50	19.61	19.62	21.0	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	24.0	0.0
90	QPSK	1	1	22.57	22.72	22.54	Tune-up limit (dBm)	MPR (dB)
Channel				649334	656000	662668	24.0	0.0
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	22.63	22.66	22.52	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	24.0	0.0
70	QPSK	1	1	22.64	22.70	22.61	Tune-up limit (dBm)	MPR (dB)
Channel				648668	656000	663334	24.0	0.0
Frequency (MHz)				3730.02	3840	3950.01	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	22.61	22.71	22.61	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	24.0	0.0
50	QPSK	1	1	22.60	22.59	22.59	Tune-up limit (dBm)	MPR (dB)
Channel				648000	656000	664000	24.0	0.0
Frequency (MHz)				3720	3840	3960	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	22.60	22.68	22.58	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	24.0	0.0
30	QPSK	1	1	22.68	22.59	22.52	Tune-up limit (dBm)	MPR (dB)
Channel				647334	656000	664668	24.0	0.0
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	22.64	22.58	22.64	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51	24.0	0.0
15	QPSK	1	1	22.70	22.56	22.59	Tune-up limit (dBm)	MPR (dB)
Channel				647000	656000	665000	24.0	0.0
Frequency (MHz)				3705	3840	3975	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	22.68	22.56	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.68	25.79	25.60	27.0	0.0
100	PI/2 BPSK	1	137	25.78	25.76	25.71		
100	PI/2 BPSK	1	271	25.59	25.64	25.57		
100	PI/2 BPSK	135	0	25.42	25.37	25.22	26.5	0.5
100	PI/2 BPSK	135	69	25.59	25.71	25.61	27.0	0.0
100	PI/2 BPSK	135	138	24.88	25.07	24.86	26.5	0.5
100	PI/2 BPSK	270	0	25.07	25.29	25.04		
100	QPSK	1	1	25.65	25.81	25.75	27.0	0.0
100	QPSK	1	137	25.30	25.46	25.22		
100	QPSK	1	271	25.68	25.66	25.52		
100	QPSK	135	0	24.65	24.84	24.62	26.0	1.0
100	QPSK	135	69	25.71	25.80	25.78	27.0	0.0
100	QPSK	135	138	24.32	24.56	24.54	26.0	1.0
100	QPSK	270	0	24.53	24.71	24.57		
100	16QAM	1	1	24.99	25.02	24.87	26.0	1.0
100	64QAM	1	1	22.61	22.59	22.64	24.5	2.5
100	256QAM	1	1	21.50	21.64	21.68	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	27.0	0.0
90	QPSK	1	1	25.56	25.63	25.71	Tune-up limit (dBm)	MPR (dB)
Channel				649334	656000	662668	27.0	0.0
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	25.53	25.63	25.58	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	27.0	0.0
70	QPSK	1	1	25.51	25.74	25.61	Tune-up limit (dBm)	MPR (dB)
Channel				648668	656000	663334	27.0	0.0
Frequency (MHz)				3730.02	3840	3950.01	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	25.55	25.69	25.61	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	27.0	0.0
50	QPSK	1	1	25.54	25.71	25.57	Tune-up limit (dBm)	MPR (dB)
Channel				648000	656000	664000	27.0	0.0
Frequency (MHz)				3720	3840	3960	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	25.55	25.69	25.60	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	27.0	0.0
30	QPSK	1	1	25.46	25.70	25.68	Tune-up limit (dBm)	MPR (dB)
Channel				647334	656000	664668	27.0	0.0
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	25.60	25.63	25.69	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51	27.0	0.0
15	QPSK	1	1	25.58	25.67	25.67	Tune-up limit (dBm)	MPR (dB)
Channel				647000	656000	665000	27.0	0.0
Frequency (MHz)				3705	3840	3975	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	25.47	25.62	25.71	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.95		24.0	0.0
100	PI/2 BPSK	1	137		22.78			
100	PI/2 BPSK	1	271		23.03			
100	PI/2 BPSK	135	0		22.86		24.0	0.0
100	PI/2 BPSK	135	69		22.71		24.0	0.0
100	PI/2 BPSK	135	138		22.70		24.0	0.0
100	PI/2 BPSK	270	0		22.78			
100	QPSK	1	1		23.08		24.0	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.86		24.0	0.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		22.46		24.0	0.0
100	QPSK	270	0		23.02			
100	16QAM	1	1		22.98		24.0	0.0
100	64QAM	1	1		21.40		22.5	1.5
100	256QAM	1	1		20.13		21.0	3.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	22.82	22.91	22.95	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.82	22.88	22.92	24.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	22.86	22.95	22.92	24.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	22.89	22.95	22.91	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.84	23.02	23.00	24.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	22.91	22.95	22.85	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	22.89	22.97	22.88	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.90	22.93	22.97	24.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	22.82	22.92	22.95	24.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	22.83	22.92	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.94		27.0	0.0
100	PI/2 BPSK	1	137		25.91			
100	PI/2 BPSK	1	271		25.79			
100	PI/2 BPSK	135	0		25.52		26.5	0.5
100	PI/2 BPSK	135	69		25.86		27.0	0.0
100	PI/2 BPSK	135	138		25.22		26.5	0.5
100	PI/2 BPSK	270	0		25.44			
100	QPSK	1	1		26.06		27.0	0.0
100	QPSK	1	137		26.01			
100	QPSK	1	271		25.81			
100	QPSK	135	0		24.99		26.0	1.0
100	QPSK	135	69		25.95		27.0	0.0
100	QPSK	135	138		24.71		26.0	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		25.17		26.0	1.0
100	64QAM	1	1		22.74		24.5	2.5
100	256QAM	1	1		21.79		22.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3505.02		
90	QPSK	1	1	25.83	26.00	25.87	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.95	25.88	25.93	27.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3515.01		
70	QPSK	1	1	25.85	25.96	25.88	27.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	25.96	25.95	25.94	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.88	26.02	25.92	27.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	25.82	26.01	25.96	27.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	25.85	25.92	25.95	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.92	25.95	25.93	27.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	25.94	25.98	25.98	27.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	25.90	25.89	25.91	27.0	0.0

Part96 n77 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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	22.40	22.20	22.35	23.5	0.0
100	PI/2 BPSK	1	137	22.24	22.26	22.30		
100	PI/2 BPSK	1	271	22.33	22.43	22.43		
100	PI/2 BPSK	135	0	22.38	22.40	22.33	23.5	0.0
100	PI/2 BPSK	135	69	22.24	22.34	22.33	23.5	0.0
100	PI/2 BPSK	135	138	22.32	22.41	22.28	23.5	0.0
100	PI/2 BPSK	270	0	22.18	22.35	22.15		
100	QPSK	1	1	22.43	22.47	22.41	23.5	0.0
100	QPSK	1	137	22.18	22.30	22.32		
100	QPSK	1	271	22.36	22.20	22.28		
100	QPSK	135	0	22.28	22.34	22.26	23.5	0.0
100	QPSK	135	69	22.32	22.43	22.39	23.5	0.0
100	QPSK	135	138	22.21	22.30	22.25	23.5	0.0
100	QPSK	270	0	22.32	22.41	22.21		
100	16QAM	1	1	22.25	22.32	22.35	23.5	0.0
100	64QAM	1	1	22.39	22.28	22.26	23.5	0.0
100	256QAM	1	1	22.12	22.43	22.20	23.5	0.0
Channel				639668	641666	643668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.96		
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0
Channel				638668	641666	644664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	22.38	22.37	22.25	23.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0

Reduced Power Mode for DSI6 ENDC Simultaneous

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18		
20	PI/2 BPSK	1	104	24.12	24.21	24.09		
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17		
20	QPSK	1	1	24.35	24.39	24.30	25.0	0.0
20	QPSK	1	53	24.20	24.33	24.26		
20	QPSK	1	104	24.17	24.27	24.16		
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52		
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0
40	PI/2 BPSK	1	108	23.58	23.65	23.44		
40	PI/2 BPSK	1	214	23.40	23.62	23.58		
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5
40	PI/2 BPSK	216	0	23.55	23.70	23.51		
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0
40	QPSK	1	108	23.71	23.75	23.71		
40	QPSK	1	214	23.65	23.61	23.64		
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0
40	QPSK	216	0	23.03	23.12	22.93		
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0

n71 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0
20	PI/2 BPSK	1	53	24.11	24.14	24.17		
20	PI/2 BPSK	1	104	23.18	23.26	23.16		
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5
20	PI/2 BPSK	100	0	24.04	24.08	24.03		
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0
20	QPSK	1	53	24.13	24.16	23.97		
20	QPSK	1	104	23.89	24.12	23.96		
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23		
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0

n7 Ant2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0
40	PI/2 BPSK	1	108	22.66	22.72	22.62		
40	PI/2 BPSK	1	214	22.74	22.79	22.62		
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5
40	PI/2 BPSK	216	0	22.59	22.75	22.60		
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.64		
40	QPSK	1	214	22.81	22.84	22.67		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0
40	QPSK	216	0	21.59	21.75	21.67		
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0

n2 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.63	23.66	23.45	24.5	0.0
20	PI/2 BPSK	1	53	23.47	23.69	23.60		
20	PI/2 BPSK	1	104	23.48	23.71	23.61		
20	PI/2 BPSK	50	0	23.60	23.69	23.64	24.0	0.5
20	PI/2 BPSK	50	28	23.56	23.64	23.43	24.5	0.0
20	PI/2 BPSK	50	56	23.69	23.70	23.69	24.0	0.5
20	PI/2 BPSK	100	0	23.57	23.66	23.59		
20	QPSK	1	1	23.70	23.73	23.71	24.5	0.0
20	QPSK	1	53	23.64	23.70	23.58		
20	QPSK	1	104	23.67	23.66	23.43		
20	QPSK	50	0	23.14	23.19	23.16	23.5	1.0
20	QPSK	50	28	23.66	23.70	23.57	24.5	0.0
20	QPSK	50	56	23.00	23.01	22.95	23.5	1.0
20	QPSK	100	0	23.12	23.19	23.18		
20	16QAM	1	1	22.95	22.93	22.73	23.5	1.0
20	64QAM	1	1	21.41	21.58	21.56	22.0	2.5
20	256QAM	1	1	18.40	18.53	18.57	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.53	23.63	23.55	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.64	23.57	23.54	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.51	23.67	23.62	24.5	0.0

n25 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.54	23.68	23.55	24.5	0.0
40	PI/2 BPSK	1	108	23.51	23.72	23.56		
40	PI/2 BPSK	1	214	23.66	23.69	23.50		
40	PI/2 BPSK	108	0	23.40	23.63	23.58	24.0	0.5
40	PI/2 BPSK	108	54	23.49	23.61	23.61	24.5	0.0
40	PI/2 BPSK	108	108	23.46	23.66	23.67	24.0	0.5
40	PI/2 BPSK	216	0	23.48	23.67	23.64		
40	QPSK	1	1	23.73	23.77	23.68	24.5	0.0
40	QPSK	1	108	23.64	23.74	23.65		
40	QPSK	1	214	23.74	23.72	23.63		
40	QPSK	108	0	22.97	23.16	23.08	23.5	1.0
40	QPSK	108	54	23.46	23.72	23.67	24.5	0.0
40	QPSK	108	108	22.82	22.94	22.72	23.5	1.0
40	QPSK	216	0	22.86	23.02	22.96		
40	16QAM	1	1	22.95	22.96	22.88	23.5	1.0
40	64QAM	1	1	21.49	21.57	21.40	22.0	2.5
40	256QAM	1	1	19.52	19.51	19.26	20.0	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.59	23.68	23.61	24.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.57	23.73	23.53	24.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.56	23.73	23.64	24.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.61	23.70	23.63	24.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.63	23.62	23.64	24.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.66	23.66	23.61	24.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.56	23.70	23.63	24.5	0.0

n66 Ant4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.73	23.70	23.71	24.5	0.0
40	PI/2 BPSK	1	108	23.48	23.67	23.70		
40	PI/2 BPSK	1	214	23.50	23.71	23.48		
40	PI/2 BPSK	108	0	23.64	23.61	23.44	24.0	0.5
40	PI/2 BPSK	108	54	23.60	23.59	23.49	24.5	0.0
40	PI/2 BPSK	108	108	23.62	23.69	23.71	24.0	0.5
40	PI/2 BPSK	216	0	23.59	23.67	23.66		
40	QPSK	1	1	23.68	23.74	23.72	24.5	0.0
40	QPSK	1	108	23.47	23.69	23.52		
40	QPSK	1	214	23.64	23.72	23.48		
40	QPSK	108	0	23.07	23.21	22.99	23.5	1.0
40	QPSK	108	54	23.55	23.71	23.67	24.5	0.0
40	QPSK	108	108	23.22	23.24	23.01	23.5	1.0
40	QPSK	216	0	22.88	23.08	22.85		
40	16QAM	1	1	23.04	23.05	22.83	23.5	1.0
40	64QAM	1	1	21.56	21.58	21.59	22.0	2.5
40	256QAM	1	1	19.38	19.57	19.57	20.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.61	23.59	23.66	24.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.64	23.64	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.60	23.61	23.64	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.55	23.64	23.63	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.58	23.70	23.57	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.58	23.64	23.55	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.61	23.55	23.58	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.13	19.14	19.06	20.0	0.0
100	PI/2 BPSK	1	137	19.02	19.06	19.00		
100	PI/2 BPSK	1	271	19.09	19.06	19.08		
100	PI/2 BPSK	135	0	19.12	19.10	19.01	20.0	0.0
100	PI/2 BPSK	135	69	19.06	19.09	19.04	20.0	0.0
100	PI/2 BPSK	135	138	19.04	19.10	19.01	20.0	0.0
100	PI/2 BPSK	270	0	19.10	19.08	19.00		
100	QPSK	1	1	19.15	19.17	19.13	20.0	0.0
100	QPSK	1	137	19.04	19.14	19.07		
100	QPSK	1	271	19.02	19.06	19.07		
100	QPSK	135	0	19.06	19.13	19.04	20.0	0.0
100	QPSK	135	69	19.11	19.15	19.05	20.0	0.0
100	QPSK	135	138	19.10	19.12	19.01	20.0	0.0
100	QPSK	270	0	19.07	19.11	19.06		
100	16QAM	1	1	19.06	19.08	19.02	20.0	0.0
100	64QAM	1	1	19.06	19.06	19.08	20.0	0.0
100	256QAM	1	1	19.04	19.09	19.00	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	19.11	19.06	19.06	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	19.06	19.06	19.04	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.09	19.15	19.04	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	19.07	19.04	19.05	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	19.06	19.09	19.02	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.10	19.12	18.99	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	19.10	19.10	19.05	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	19.08	19.04	19.04	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	19.12	19.09	19.03	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.11	19.14	19.08	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.13	22.19	22.05	23.0	0.0
100	PI/2 BPSK	1	137	21.92	21.93	21.97		
100	PI/2 BPSK	1	271	22.00	21.93	22.07		
100	PI/2 BPSK	135	0	22.04	22.07	21.92	23.0	0.0
100	PI/2 BPSK	135	69	21.97	21.99	21.98	23.0	0.0
100	PI/2 BPSK	135	138	22.02	21.96	21.92	23.0	0.0
100	PI/2 BPSK	270	0	21.98	22.08	21.98		
100	QPSK	1	1	22.06	22.22	22.08	23.0	0.0
100	QPSK	1	137	21.96	22.07	21.93		
100	QPSK	1	271	22.02	22.12	21.96		
100	QPSK	135	0	22.02	22.09	21.99	23.0	0.0
100	QPSK	135	69	22.11	22.13	22.00	23.0	0.0
100	QPSK	135	138	22.07	22.03	21.86	23.0	0.0
100	QPSK	270	0	22.08	22.10	21.96		
100	16QAM	1	1	22.06	21.97	21.86	23.0	0.0
100	64QAM	1	1	21.93	21.99	22.16	23.0	0.0
100	256QAM	1	1	21.50	21.59	21.45	22.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.05	22.18	22.09	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.08	22.19	22.11	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.09	22.20	22.04	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	21.97	22.17	22.05	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.05	22.16	21.96	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.96	22.17	21.98	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.00	22.17	21.99	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	21.98	22.12	22.02	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	22.01	22.19	22.00	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	22.20	22.07	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.08		20.0	0.0
100	PI/2 BPSK	1	137		19.00			
100	PI/2 BPSK	1	271		19.00			
100	PI/2 BPSK	135	0		19.00		20.0	0.0
100	PI/2 BPSK	135	69		19.03		20.0	0.0
100	PI/2 BPSK	135	138		18.98		20.0	0.0
100	PI/2 BPSK	270	0		18.97			
100	QPSK	1	1		19.11		20.0	0.0
100	QPSK	1	137		19.02			
100	QPSK	1	271		18.99			
100	QPSK	135	0		19.06		20.0	0.0
100	QPSK	135	69		19.09		20.0	0.0
100	QPSK	135	138		18.99		20.0	0.0
100	QPSK	270	0		19.02			
100	16QAM	1	1		19.04		20.0	0.0
100	64QAM	1	1		19.00		20.0	0.0
100	256QAM	1	1		19.00		20.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.04	19.03	18.98	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.98	18.99	18.98	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.04	18.92	18.96	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.04	19.02	19.03	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.09	18.94	18.98	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.08	18.96	19.00	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.01	19.01	18.93	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.05	18.97	18.94	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.06	18.97	19.01	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.98	18.95	19.03	20.0	0.0

Part27Q n77 PC2 Ant6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.15		23.0	0.0
100	PI/2 BPSK	1	137		21.84			
100	PI/2 BPSK	1	271		21.92			
100	PI/2 BPSK	135	0		22.02		23.0	0.0
100	PI/2 BPSK	135	69		21.90		23.0	0.0
100	PI/2 BPSK	135	138		21.85		23.0	0.0
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.17		23.0	0.0
100	QPSK	1	137		21.98			
100	QPSK	1	271		22.08			
100	QPSK	135	0		22.01		23.0	0.0
100	QPSK	135	69		22.09		23.0	0.0
100	QPSK	135	138		21.97		23.0	0.0
100	QPSK	270	0		21.99			
100	16QAM	1	1		21.85		23.0	0.0
100	64QAM	1	1		21.99		23.0	0.0
100	256QAM	1	1		21.57		22.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.01	22.05	21.92	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.00	22.13	21.90	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.07	22.10	21.95	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.00	22.06	21.95	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.98	22.04	21.99	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.09	22.15	21.99	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.02	22.15	21.95	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.99	22.06	21.93	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.99	22.07	21.95	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.04	22.09	21.94	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	19.15	19.11	19.04	20.0	0.0
100	PI/2 BPSK	1	137	18.95	19.03	19.01		
100	PI/2 BPSK	1	271	19.03	18.98	19.03		
100	PI/2 BPSK	135	0	19.11	19.03	19.00	20.0	0.0
100	PI/2 BPSK	135	69	18.98	19.00	18.97	20.0	0.0
100	PI/2 BPSK	135	138	19.05	19.10	18.92	20.0	0.0
100	PI/2 BPSK	270	0	19.03	19.04	18.98		
100	QPSK	1	1	19.11	19.21	19.14	20.0	0.0
100	QPSK	1	137	19.04	19.05	19.05		
100	QPSK	1	271	19.01	19.07	18.98		
100	QPSK	135	0	19.03	19.09	19.01	20.0	0.0
100	QPSK	135	69	19.08	19.16	18.98	20.0	0.0
100	QPSK	135	138	19.04	19.03	18.92	20.0	0.0
100	QPSK	270	0	19.06	19.13	19.03		
100	16QAM	1	1	19.06	18.98	18.98	20.0	0.0
100	64QAM	1	1	19.01	19.05	19.09	20.0	0.0
100	256QAM	1	1	18.95	19.08	18.91	20.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	19.11	19.07	19.10	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.04	19.06	19.03	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	19.07	19.05	18.99	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	19.11	19.05	19.05	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.02	19.05	19.06	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	19.03	19.00	19.02	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.01	19.01	19.08	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.07	19.03	19.00	20.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.04	19.08	19.06	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.05	19.00	19.08	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		19.09		20.0	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		19.01			
100	PI/2 BPSK	135	0		19.07		20.0	0.0
100	PI/2 BPSK	135	69		18.90		20.0	0.0
100	PI/2 BPSK	135	138		18.98		20.0	0.0
100	PI/2 BPSK	270	0		18.99			
100	QPSK	1	1		19.12		20.0	0.0
100	QPSK	1	137		19.02			
100	QPSK	1	271		18.92			
100	QPSK	135	0		18.95		20.0	0.0
100	QPSK	135	69		19.07		20.0	0.0
100	QPSK	135	138		19.02		20.0	0.0
100	QPSK	270	0		18.97			
100	16QAM	1	1		19.08		20.0	0.0
100	64QAM	1	1		18.97		20.0	0.0
100	256QAM	1	1		18.46		19.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.01	19.04	18.83	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.95	18.98	18.86	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.97	19.01	18.81	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.00	19.01	18.87	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.02	19.00	18.89	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.97	19.03	18.87	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.96	19.04	18.82	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.01	19.07	18.81	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.99	19.04	18.84	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.96	19.05	18.91	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.09		20.0	0.0
100	PI/2 BPSK	1	137		18.90			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		19.02		20.0	0.0
100	PI/2 BPSK	135	69		18.95		20.0	0.0
100	PI/2 BPSK	135	138		18.97		20.0	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.11		20.0	0.0
100	QPSK	1	137		19.01			
100	QPSK	1	271		19.00			
100	QPSK	135	0		18.93		20.0	0.0
100	QPSK	135	69		19.08		20.0	0.0
100	QPSK	135	138		18.99		20.0	0.0
100	QPSK	270	0		19.06			
100	16QAM	1	1		19.01		20.0	0.0
100	64QAM	1	1		18.92		20.0	0.0
100	256QAM	1	1		18.48		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.02	19.08	18.90	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.03	18.98	18.84	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.01	19.07	18.88	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.98	19.09	18.85	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.04	18.99	18.86	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.96	19.06	18.82	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.02	19.01	18.90	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.02	19.09	18.83	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.04	19.08	18.87	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.01	19.01	18.81	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				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	19.10	19.12	19.02	20.0	0.0
100	PI/2 BPSK	1	137	18.86	18.94	18.98		
100	PI/2 BPSK	1	271	18.94	18.98	19.01		
100	PI/2 BPSK	135	0	19.06	19.00	18.96	20.0	0.0
100	PI/2 BPSK	135	69	18.92	18.94	18.92	20.0	0.0
100	PI/2 BPSK	135	138	19.02	19.00	18.91	20.0	0.0
100	PI/2 BPSK	270	0	18.97	19.05	18.92		
100	QPSK	1	1	19.02	19.16	19.05	20.0	0.0
100	QPSK	1	137	19.01	19.05	18.95		
100	QPSK	1	271	18.95	19.09	18.98		
100	QPSK	135	0	18.98	19.05	18.94	20.0	0.0
100	QPSK	135	69	19.10	19.12	18.97	20.0	0.0
100	QPSK	135	138	19.04	18.97	18.91	20.0	0.0
100	QPSK	270	0	19.02	19.11	18.95		
100	16QAM	1	1	19.06	18.91	18.88	20.0	0.0
100	64QAM	1	1	18.95	19.01	19.09	20.0	0.0
100	256QAM	1	1	18.51	18.59	18.49	19.5	0.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	19.04	19.03	18.81	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.01	19.10	18.81	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	19.04	18.99	18.90	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	19.04	18.99	18.80	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.98	19.05	18.90	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	18.97	19.04	18.91	20.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.04	19.08	18.83	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.00	19.05	18.81	20.0	0.0
Channel				630500	641666	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3624.99	3542.49		
15	QPSK	1	1	18.94	19.04	18.86	20.0	0.0
Channel				630334	641666	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3624.99	3544.98		
10	QPSK	1	1	18.99	19.10	18.82	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.32	23.13	24.0	0.0
40	PI/2 BPSK	1	53	23.23	23.29	23.12		
40	PI/2 BPSK	1	104	23.10	23.31	23.19		
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0
40	PI/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5
40	PI/2 BPSK	100	0	23.09	23.28	23.29		
40	QPSK	1	1	23.33	23.34	23.22	24.0	0.0
40	QPSK	1	53	23.22	23.32	23.23		
40	QPSK	1	104	23.10	23.33	23.32		
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0
40	QPSK	50	56	22.61	22.68	22.53	23.0	1.0
40	QPSK	100	0	22.64	22.71	22.55		
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5
40	256QAM	1	1	19.13	19.32	19.24	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	23.28	23.25	23.08	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.98	23.13	23.11	24.0	0.0
100	PI/2 BPSK	1	137	23.14	23.21	23.24		
100	PI/2 BPSK	1	271	23.26	23.30	23.19		
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0
100	PI/2 BPSK	270	0	23.16	23.23	23.03		
100	QPSK	1	1	23.31	23.36	23.22	24.0	0.0
100	QPSK	1	137	23.16	23.23	23.12		
100	QPSK	1	271	23.14	23.33	23.28		
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0
100	QPSK	135	138	23.19	23.31	23.16	24.0	0.0
100	QPSK	270	0	23.28	23.31	23.23		
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.29	23.17	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	23.25	23.26	23.16	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.19	23.32	23.08	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	23.17	23.23	23.12	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	23.13	23.24	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.25	23.26	23.05	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	23.22	23.24	23.18	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	23.19	23.29	23.10	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	23.21	23.31	23.12	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	23.16	23.19	23.17	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.02	26.26	26.01	27.0	0.0
100	PI/2 BPSK	1	137	26.00	26.17	26.01		
100	PI/2 BPSK	1	271	26.06	26.20	26.21		
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5
100	PI/2 BPSK	270	0	26.02	26.20	26.15		
100	QPSK	1	1	26.21	26.34	26.20	27.0	0.0
100	QPSK	1	137	26.15	26.24	26.15		
100	QPSK	1	271	26.20	26.23	26.15		
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0
100	QPSK	270	0	25.32	25.54	25.32		
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.16	26.08	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.05	26.28	26.10	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0

<2.4GHz WLAN>

Ant3				Full Power-Head/Extremity/Body-worn Standalone&Simultaneous		Hotspot Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.90	21.50	15.87	17.50	98.75
		6	2437	19.80	21.50	15.77	17.50	
		11	2462	19.50	21.00	15.42	17.00	
	802.11g 6Mbps	1	2412	18.70	20.00		17.00	98.96
		6	2437	19.70	21.00		17.00	
		11	2462	19.10	20.50		17.00	
	802.11n-HT20 MCS0	1	2412	18.10	20.00		17.00	98.22
		6	2437	19.80	21.50		17.00	
		11	2462	19.20	20.50		17.00	

<5.2GHz WLAN>

Ant3				Full Power-Extremity/Body-worn Standalone&Simultaneous		Head Standalone		Head Simultaneous		Hotspot Simultaneou		
	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	17.76	19.50		18.00		15.50		14.50	98.62
		44	5220	18.27	20.00		18.00		15.50		14.50	
		48	5240	18.49	20.00		18.00		15.50		14.50	
	802.11n-HT20 MCS0	36	5180	17.71	19.50		18.00		15.50		14.50	98.52
		44	5220	18.29	19.50		18.00		15.50		14.50	
		48	5240	18.50	20.00		18.00		15.50		14.50	
	802.11n-HT40 MCS0	38	5190	11.85	13.50		13.50		13.50		13.50	96.18
		46	5230	18.67	20.00		18.00		15.50	12.88	14.50	
	802.11ac-VHT20 MCS0	36	5180		19.50		18.00		15.50		14.50	98.52
		44	5220		19.50		18.00		15.50		14.50	
		48	5240		20.00		18.00		15.50		14.50	
	802.11ac-VHT40 MCS0	38	5190		13.50		13.50		13.50		13.50	96.18
		46	5230		20.00		18.00		15.50		14.50	
	802.11ac-VHT80 MCS0	42	5210	9.94	11.50		11.50		11.50		11.50	92.49

<5.3GHz WLAN>

Ant3				Full Power-Extremity/Body-worn Standalone&Simultaneous		Head Standalone		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 %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.46	19.00		18.50		16.00	98.62
		60	5300	18.87	20.50		18.50		16.00	
		64	5320	17.31	19.00		18.50		16.00	
	802.11n-HT20 MCS0	52	5260	19.07	20.50		18.50		16.00	98.52
		60	5300	18.87	20.00		18.50		16.00	
		64	5320	17.94	19.50		18.50		16.00	
	802.11n-HT40 MCS0	54	5270	18.04	19.50	16.95	18.50	14.48	16.00	96.18
		62	5310	11.73	13.50	11.73	13.50	11.73	13.50	
	802.11ac-VHT20 MCS0	52	5260		20.50		18.50		16.00	98.52
		60	5300		20.00		18.50		16.00	
		64	5320		19.50		18.50		16.00	
	802.11ac-VHT40 MCS0	54	5270		19.50		18.50		16.00	96.18
		62	5310		13.50		13.50		13.50	
	802.11ac-VHT80 MCS0	58	5290	10.84	12.50		12.50		12.50	92.49

<5.5GHz WLAN>

Ant3				Full Power-Extremity/Body-worn Standalone&Simultaneous		Head Standalone		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 %
5.5GHz WLAN	802.11a 6Mbps	100	5500	21.36	23.00		19.50		18.00	98.62
		116	5580	20.32	22.00		19.50		18.00	
		140	5700	20.56	22.00		19.50		18.00	
		144	5720	20.64	22.00		19.50		18.00	
	802.11n-HT20 MCS0	100	5500	21.63	23.00		19.50		18.00	98.52
		116	5580	20.44	21.50		19.50		18.00	
		140	5700	20.46	22.00		19.50		18.00	
		144	5720	20.79	22.00		19.50		18.00	
	802.11n-HT40 MCS0	102	5510	17.14	18.50	17.14	18.50		18.00	96.18
		110	5550	20.12	21.50	18.21	19.50		18.00	
		134	5670	19.57	21.00	18.17	19.50		18.00	
		142	5710	20.14	21.50	18.15	19.50		18.00	
	802.11ac-VHT20 MCS0	100	5500		23.00		19.50		18.00	98.52
		116	5580		21.50		19.50		18.00	
		140	5700		22.00		19.50		18.00	
		144	5720		22.00		19.50		18.00	
	802.11ac-VHT40 MCS0	102	5510		18.50		18.50		18.00	96.18
		110	5550		21.50		19.50		18.00	
		134	5670		21.00		19.50		18.00	
		142	5710		21.50		19.50		18.00	
	802.11ac-VHT80 MCS0	106	5530	12.90	14.50	12.90	14.50	12.90	14.50	92.49
		122	5610	16.84	18.50	16.84	18.50	16.51	18.00	
		138	5690	17.22	18.50	17.22	18.50	16.87	18.00	

<5.8GHz WLAN>

Ant3				Full Power-Head Standalone Extremity/Body-worn		Hotspot Simultaneou		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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.91	22.50		17.00		20.00	98.62
		157	5785	19.93	21.50		17.00		20.00	
		165	5825	19.66	21.00		17.00		20.00	
	802.11n-HT20 MCS0	149	5745	20.82	22.50		17.00		20.00	98.52
		157	5785	19.80	21.50		17.00		20.00	
		165	5825	19.54	21.00		17.00		20.00	
	802.11n-HT40 MCS0	151	5755	20.47	22.00		17.00	19.00	20.50	96.18
		159	5795	20.02	21.50		17.00	18.47	20.00	
	802.11ac-VHT20 MCS0	149	5745		22.50		17.00		20.00	98.52
		157	5785		21.50		17.00		20.00	
		165	5825		21.00		17.00		20.00	
	802.11ac-VHT40 MCS0	151	5755		22.00		17.00		20.00	96.18
		159	5795		21.50		17.00		20.00	
	802.11ac-VHT80 MCS0	155	5775	17.34	19.00	15.47	17.00	17.34	19.00	92.49

<Bluetooth>

Mode	Channel	Frequency (MHz)	Ant3 Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	9.40	7.00	7.00
	CH 39	2441	10.30	8.70	8.80
	CH 78	2480	10.00	8.20	8.20
Tune-up Limit			11	8.5	8.5

1Mbps

Mode	Channel	Frequency	Head/Extremity/Body-worn Standalone&Si Average power (dBm)
			1Mbps
LE	CH 00	2402	5.60
	CH 19	2440	6.80
	CH 39	2480	6.90
Tune-up Limit			7.5