Full Power Mode

\<GSM\>

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.11	32.20	32.14	33.50	23.11	23.20	23.14	24.50
GPRS 1 Tx slot	32.09	32.18	32.12	33.50	23.09	23.18	23.12	24.50
GPRS 2 Tx slots	31.02	31.15	31.04	32.00	25.02	25.15	25.04	26.00
GPRS 3 Tx slots	28.78	29.02	28.95	30.50	24.52	24.76	24.69	26.24
GPRS 4 Tx slots	27.35	27.56	27.65	29.00	24.35	24.56	24.65	26.00
EDGE 1 Tx slot	25.19	25.26	25.38	26.50	16.19	16.26	16.38	17.50
EDGE 2 Tx slots	24.15	24.03	24.21	25.50	18.15	18.03	18.21	19.50
EDGE 3 Tx slots	21.86	21.73	22.03	23.00	17.60	17.47	17.77	18.74
EDGE 4 Tx slots	20.55	20.48	20.58	22.00	17.55	17.48	17.58	19.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.55	29.44	29.35	30.50	20.55	20.44	20.35	21.50
GPRS 1 Tx slot	29.53	29.42	29.33	30.50	20.53	20.42	20.33	21.50
GPRS 2 Tx slots	28.75	28.66	28.58	29.50	22.75	22.66	22.58	23.50
GPRS 3 Tx slots	26.87	26.81	26.80	27.50	22.61	22.55	22.54	23.24
GPRS 4 Tx slots	25.76	25.77	25.67	26.50	22.76	22.77	22.67	23.50
EDGE 1 Tx slot	24.44	24.55	24.58	25.50	15.44	15.55	15.58	16.50
EDGE 2 Tx slots	23.21	23.44	23.31	24.50	17.21	17.44	17.31	18.50
EDGE 3 Tx slots	20.94	21.20	21.08	22.50	16.68	16.94	16.82	18.24
EDGE 4 Tx slots	19.62	19.85	19.81	21.50	16.62	16.85	16.81	18.50

\<WCDMA\>

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	24.21	24.28	24.18	25.00	23.74	23.79	23.68	24.50	23.60	23.71	23.74	24.50
3GPP Rel 99	RMC 12.2Kbps	24.26	24.31	24.22	25.00	23.77	23.82	23.71	24.50	23.81	23.85	23.82	24.50
3GPP Rel 6	HSDPA Subtest-1	23.24	23.43	23.11	24.00	22.80	22.76	22.64	23.50	22.78	22.80	22.91	23.50
3GPP Rel 6	HSDPA Subtest-2	23.19	23.32	23.31	24.00	22.77	22.88	22.68	23.50	22.85	22.77	22.94	23.50
3GPP Rel 6	HSDPA Subtest-3	22.66	22.71	22.61	23.50	22.37	22.33	22.16	23.00	22.32	22.27	22.23	23.00
3GPP Rel 6	HSDPA Subtest-4	22.71	22.91	22.78	23.50	22.30	22.21	22.29	23.00	22.22	22.44	22.38	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.36	23.33	23.19	24.00	22.75	22.70	22.75	23.50	22.77	22.75	22.77	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.29	23.26	23.27	24.00	22.79	22.78	22.74	23.50	22.90	22.94	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.81	22.73	22.61	23.50	22.16	22.25	22.27	23.00	22.23	22.25	22.27	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.87	22.69	22.81	23.50	22.21	22.44	22.11	23.00	22.36	22.29	22.24	23.00
3GPP Rel 6	HSUPA Subtest-1	23.23	23.36	23.12	24.00	22.76	22.71	22.81	23.50	22.84	22.95	22.72	23.50
3GPP Rel 6	HSUPA Subtest-2	21.25	21.23	21.15	22.00	20.76	20.76	20.75	21.50	20.89	20.91	20.70	21.50
3GPP Rel 6	HSUPA Subtest-3	22.29	22.22	22.24	23.00	21.70	21.92	21.78	22.50	21.78	21.75	21.93	22.50
3GPP Rel 6	HSUPA Subtest-4	21.34	21.35	21.18	22.00	20.83	20.79	20.63	21.50	20.80	20.87	20.81	21.50
3GPP Rel 6	HSUPA Subtest-5	23.15	23.41	23.29	24.00	22.80	22.89	22.61	23.50	22.82	22.94	22.88	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.84	20.76	20.66	21.50	20.23	20.41	20.14	21.00	20.27	20.46	20.28	21.00

LTE Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
				Channel 18700	18900	19100		
				Freq 1860	1880	1900		
20	QPSK	1	0	23.53	23.58	23.54	24.5	0
20	QPSK	1	49	23.35	23.54	23.54		
20	QPSK	1	99	23.33	23.47	23.42		
20	QPSK	50	0	22.45	22.65	22.63	23.5	1
20	QPSK	50	24	22.52	22.56	22.53		
20	QPSK	50	50	22.50	22.50	22.59		
20	QPSK	100	0	22.51	22.61	22.56		
20	16QAM	1	0	22.53	22.49	22.57	23.5	1
20	16QAM	1	49	22.51	22.57	22.44		
20	16QAM	1	99	22.55	22.64	22.63		
20	16QAM	50	0	21.51	21.67	21.47	22.5	2
20	16QAM	50	24	21.58	21.69	21.57		
20	16QAM	50	50	21.69	21.60	21.59		
20	16QAM	100	0	21.69	21.60	21.64		
20	64QAM	1	0	21.52	21.69	21.54	22.5	2
20	64QAM	1	49	21.66	21.60	21.63		
20	64QAM	1	99	21.49	21.63	21.69		
20	64QAM	50	0	20.61	20.46	20.44	21.5	3
20	64QAM	50	24	20.42	20.40	20.61		
20	64QAM	50	50	20.49	20.42	20.60		
20	64QAM	100	0	20.57	20.39	20.56		
				Channel 18675	18900	19125		
				Freq 1857.5	1880	1902.5		
15	QPSK	1	0	23.55	23.48	23.38	24.5	0
15	QPSK	1	37	23.20	23.40	23.47		
15	QPSK	1	74	22.94	23.27	23.38		
15	QPSK	36	0	22.28	22.45	22.65	23.5	1
15	QPSK	36	20	22.53	22.53	22.48		
15	QPSK	36	39	22.29	22.34	22.40		
15	QPSK	75	0	22.33	22.60	22.42		
15	16QAM	1	0	22.37	22.29	22.54	23.5	1
15	16QAM	1	37	22.39	22.42	22.40		
15	16QAM	1	74	22.44	22.48	22.51		
15	16QAM	36	0	21.48	21.46	21.35	22.5	2
15	16QAM	36	20	21.65	21.65	21.41		
15	16QAM	36	39	21.71	21.40	21.43		
15	16QAM	75	0	21.60	21.53	21.57		
15	64QAM	1	0	21.45	21.88	21.42	22.5	2
15	64QAM	1	37	21.61	21.48	21.48		
15	64QAM	1	74	21.41	21.56	21.50		
15	64QAM	36	0	20.53	20.26	20.38	21.5	3
15	64QAM	36	20	20.38	20.41	20.43		
15	64QAM	36	39	20.34	20.27	20.43		
15	64QAM	75	0	20.41	20.34	20.46		
				Channel 18675	18900	19150		
				Freq 1855	1880	1905		
10	QPSK	1	0	23.50	23.40	23.47	24.5	0
10	QPSK	1	25	23.24	23.44	23.34		
10	QPSK	1	49	23.22	23.27	23.34		
10	QPSK	25	0	22.35	22.62	22.48	23.5	1
10	QPSK	25	12	22.35	22.37	22.52		
10	QPSK	25	25	22.42	22.42	22.45		
10	QPSK	50	0	22.41	22.40	22.43		
10	16QAM	1	0	22.31	22.29	22.42	23.5	1
10	16QAM	1	25	22.34	22.42	22.27		
10	16QAM	1	49	22.52	22.56	22.62		
10	16QAM	25	0	21.43	21.46	21.44	22.5	2
10	16QAM	25	12	21.52	21.63	21.36		
10	16QAM	25	25	21.52	21.38	21.50		
10	16QAM	50	0	21.51	21.57	21.59		
10	64QAM	1	0	21.40	21.59	21.34	22.5	2
10	64QAM	1	25	21.63	21.51	21.48		
10	64QAM	1	49	21.28	21.60	21.70		
10	64QAM	25	0	20.50	20.47	20.27	21.5	3
10	64QAM	25	12	20.40	20.23	20.45		
10	64QAM	25	25	20.51	20.22	20.39		
10	64QAM	50	0	20.39	20.42	20.36		
				Channel 18625	18900	19175		
				Freq 1852.5	1880	1907.5		
5	QPSK	1	0	23.53	23.56	23.48	24.5	0
5	QPSK	1	12	23.13	23.46	23.50		
5	QPSK	1	24	23.19	23.47	23.36		
5	QPSK	12	0	22.46	22.67	22.42	23.5	1
5	QPSK	12	7	22.36	22.53	22.41		
5	QPSK	12	13	22.43	22.42	22.46		
5	QPSK	25	0	22.38	22.47	22.43		
5	16QAM	1	0	22.41	22.35	22.36	23.5	1
5	16QAM	1	12	22.42	22.59	22.25		
5	16QAM	1	24	22.43	22.66	22.47		
5	16QAM	12	0	21.46	21.54	21.43	22.5	2
5	16QAM	12	7	21.59	21.51	21.56		
5	16QAM	12	13	21.66	21.39	21.53		
5	16QAM	25	0	21.56	21.43	21.58		
5	64QAM	1	0	21.45	21.61	21.53	22.5	2
5	64QAM	1	12	21.55	21.60	21.54		
5	64QAM	1	24	21.28	21.52	21.63		
5	64QAM	12	0	20.53	20.35	20.44	21.5	3
5	64QAM	12	7	20.44	20.18	20.52		
5	64QAM	12	13	20.34	20.23	20.43		
5	64QAM	25	0	20.52	20.28	20.39		
				Channel 18615	18900	19185		
				Freq 1851.5	1880	1908.5		
3	QPSK	1	0	23.52	23.44	23.41	24.5	0
3	QPSK	1	8	23.34	23.46	23.42		
3	QPSK	1	14	23.19	23.30	23.42		
3	QPSK	8	0	22.37	22.49	22.55	23.5	1
3	QPSK	8	4	22.31	22.54	22.48		
3	QPSK	8	7	22.50	22.38	22.60		
3	QPSK	15	0	22.40	22.55	22.44		
3	16QAM	1	0	22.50	22.35	22.52	23.5	1
3	16QAM	1	8	22.52	22.56	22.25		
3	16QAM	1	14	22.55	22.42	22.43		
3	16QAM	8	0	21.29	21.56	21.34	22.5	2
3	16QAM	8	4	21.58	21.69	21.47		
3	16QAM	8	7	21.58	21.34	21.45		
3	16QAM	15	0	21.59	21.38	21.58		
3	64QAM	1	0	21.54	21.67	21.49	22.5	2
3	64QAM	1	8	21.58	21.54	21.43		
3	64QAM	1	14	21.30	21.64	21.60		
3	64QAM	8	0	20.46	20.27	20.36	21.5	3
3	64QAM	8	4	20.08	20.29	20.51		
3	64QAM	8	7	20.29	20.35	20.57		
3	64QAM	15	0	20.50	20.43	20.48		
				Channel 18607	18900	19193		
				Freq 1850.7	1880	1909.3		
1.4	QPSK	1	0	23.40	23.57	23.50	24.5	0
1.4	QPSK	1	3	23.31	23.35	23.53		
1.4	QPSK	1	5	23.27	23.29	23.24		
1.4	QPSK	3	0	23.35	23.41	23.48		
1.4	QPSK	3	1	23.32	23.50	23.48		
1.4	QPSK	3	3	23.19	23.37	23.22		
1.4	QPSK	6	0	22.35	22.51	22.52	23.5	1
1.4	16QAM	1	0	22.49	22.41	22.45	23.5	1
1.4	16QAM	1	3	22.41	22.47	22.39		
1.4	16QAM	1	5	22.56	22.44	22.45		
1.4	16QAM	3	0	22.45	22.54	22.45		
1.4	16QAM	3	1	22.48	22.56	22.52		
1.4	16QAM	3	3	22.52	22.30	22.44		
1.4	16QAM	6	0	21.60	21.62	21.55	22.5	2
1.4	64QAM	1	0	21.35	21.69	21.39	22.5	2
1.4	64QAM	1	3	21.59	21.45	21.53		
1.4	64QAM	1	5	21.28	21.61	21.66		
1.4	64QAM	3	0	21.30	21.51	21.44		
1.4	64QAM	3	1	21.36	21.53	21.39		
1.4	64QAM	3	3	21.64	21.49	21.39		
1.4	64QAM	6	0	20.44	20.40	20.37	21.5	3

LTE Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
				Channel 20050	20175	20300		
				Freq 1720	1732.5	1745		
20	QPSK	1	0	23.14	23.20	23.19	24	0
20	QPSK	1	49	23.02	23.04	23.08		
20	QPSK	1	99	23.05	23.18	23.13		
20	QPSK	50	0	22.11	22.27	22.16	23	1
20	QPSK	50	24	22.03	22.11	22.10		
20	QPSK	50	50	22.04	22.16	22.11		
20	QPSK	100	0	22.03	22.12	22.05		
20	16QAM	1	0	21.96	22.27	22.03	23	1
20	16QAM	1	49	22.10	22.28	21.94		
20	16QAM	1	99	21.95	22.12	22.13		
20	16QAM	50	0	21.16	21.22	21.20	22	2
20	16QAM	50	24	21.07	21.16	21.08		
20	16QAM	50	50	21.12	21.19	21.25		
20	16QAM	100	0	21.13	21.35	21.23		
20	64QAM	1	0	21.13	21.20	21.18	22	2
20	64QAM	1	49	21.13	21.21	21.23		
20	64QAM	1	99	21.14	21.39	21.08		
20	64QAM	50	0	20.06	20.19	20.19	21	3
20	64QAM	50	24	20.16	20.31	20.20		
20	64QAM	50	50	20.11	20.05	20.19		
20	64QAM	100	0	20.18	20.18	20.19		
				Channel 20025	20175	20325		
				Freq 1717.5	1732.5	1747.5		
15	QPSK	1	0	23.10	23.09	23.14	24	0
15	QPSK	1	37	22.82	22.87	23.01		
15	QPSK	1	74	22.94	23.12	23.11		
15	QPSK	36	0	22.06	22.19	22.14	23	1
15	QPSK	36	20	22.04	21.93	22.07		
15	QPSK	36	39	21.85	22.04	22.01		
15	QPSK	75	0	21.86	22.02	22.05		
15	16QAM	1	0	21.95	22.22	22.03	23	1
15	16QAM	1	37	21.99	22.10	21.80		
15	16QAM	1	74	21.74	22.01	21.91		
15	16QAM	36	0	21.04	21.15	21.13	22	2
15	16QAM	36	20	20.98	21.15	21.07		
15	16QAM	36	39	20.96	21.00	21.16		
15	16QAM	75	0	21.02	21.27	21.12		
15	64QAM	1	0	21.12	21.03	21.10	22	2
15	64QAM	1	37	21.00	21.23	21.18		
15	64QAM	1	74	21.16	21.26	21.08		
15	64QAM	36	0	19.97	20.04	19.97	21	3
15	64QAM	36	20	20.08	20.11	20.10		
15	64QAM	36	39	20.10	19.98	19.94		
15	64QAM	75	0	20.04	20.09	19.98		
				Channel 20000	20175	20350		
				Freq 1715	1732.5	1750		
10	QPSK	1	0	23.05	23.18	23.06	24	0
10	QPSK	1	25	22.82	22.89	23.08		
10	QPSK	1	49	22.92	23.15	22.97		
10	QPSK	25	0	21.91	22.08	22.11	23	1
10	QPSK	25	12	21.88	22.11	21.94		
10	QPSK	25	25	21.82	21.94	22.07		
10	QPSK	50	0	21.81	21.97	22.02		
10	16QAM	1	0	21.86	22.07	22.09	23	1
10	16QAM	1	25	22.02	22.28	21.96		
10	16QAM	1	49	21.93	22.11	21.97		
10	16QAM	25	0	20.98	21.14	21.21	22	2
10	16QAM	25	12	20.89	20.96	21.00		
10	16QAM	25	25	21.07	21.09	21.15		
10	16QAM	50	0	21.05	21.14	21.22		
10	64QAM	1	0	21.02	21.09	21.03	22	2
10	64QAM	1	25	21.02	21.06	21.06		
10	64QAM	1	49	21.07	21.26	21.07		
10	64QAM	25	0	19.99	20.01	20.03	21	3
10	64QAM	25	12	20.06	20.22	20.12		
10	64QAM	25	25	19.93	20.11	19.96		
10	64QAM	50	0	20.06	20.18	20.16		
				Channel 19975	20175	20375		
				Freq 1712.5	1732.5	1752.5		
5	QPSK	1	0	22.97	23.12	23.10	24	0
5	QPSK	1	12	22.84	23.05	22.87		
5	QPSK	1	24	23.05	23.19	23.08		
5	QPSK	12	0	22.01	22.28	22.02	23	1
5	QPSK	12	7	21.82	22.02	22.00		
5	QPSK	12	13	21.97	21.99	22.07		
5	QPSK	25	0	21.82	21.99	21.94		
5	16QAM	1	0	21.94	22.24	22.00	23	1
5	16QAM	1	12	21.92	22.19	21.81		
5	16QAM	1	24	21.74	22.07	21.93		
5	16QAM	12	0	21.04	21.16	21.15	22	2
5	16QAM	12	7	20.97	20.95	20.97		
5	16QAM	12	13	20.93	21.07	21.15		
5	16QAM	25	0	20.92	21.19	21.07		
5	64QAM	1	0	20.97	21.08	21.00	22	2
5	64QAM	1	12	20.97	21.11	21.13		
5	64QAM	1	24	20.92	21.30	20.99		
5	64QAM	12	0	19.88	20.09	20.16	21	3
5	64QAM	12	7	20.03	20.14	20.18		
5	64QAM	12	13	19.92	20.14	19.97		
5	64QAM	25	0	19.97	20.12	20.16		
				Channel 19965	20175	20385		
				Freq 1711.5	1732.5	1753.5		
3	QPSK	1	0	23.16	23.04	22.97	24	0
3	QPSK	1	8	23.04	23.02	23.08		
3	QPSK	1	14	22.97	23.11	22.96		
3	QPSK	8	0	22.09	22.23	22.12	23	1
3	QPSK	8	4	21.93	22.06	21.93		
3	QPSK	8	7	21.85	22.05	21.99		
3	QPSK	15	0	21.93	22.02	21.86		
3	16QAM	1	0	21.93	22.19	21.99	23	1
3	16QAM	1	8	21.91	22.24	21.86		
3	16QAM	1	14	21.78	21.93	22.13		
3	16QAM	8	0	21.16	21.18	21.04	22	2
3	16QAM	8	4	20.89	21.02	20.98		
3	16QAM	8	7	21.13	21.11	21.14		
3	16QAM	15	0	21.07	21.36	21.14		
3	64QAM	1	0	21.05	21.08	21.15	22	2
3	64QAM	1	8	21.07	21.12	21.15		
3	64QAM	1	14	20.99	21.25	20.88		
3	64QAM	8	0	19.98	20.12	20.13	21	3
3	64QAM	8	4	20.08	20.32	20.10		
3	64QAM	8	7	19.98	20.03	19.96		
3	64QAM	15	0	19.97	20.03	20.20		
				Channel 19957	20175	20393		
				Freq 1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.07	23.05	23.18	24	0
1.4	QPSK	1	3	22.82	23.01	22.97		
1.4	QPSK	1	5	22.92	22.97	22.93		
1.4	QPSK	3	0	22.95	23.15	22.99		
1.4	QPSK	3	1	22.99	23.06	22.95		
1.4	QPSK	3	3	22.84	22.96	23.01		
1.4	QPSK	6	0	22.01	22.13	21.95	23	1
1.4	16QAM	1	0	21.83	22.21	21.98	23	1
1.4	16QAM	1	3	21.94	22.21	21.74		
1.4	16QAM	1	5	21.82	22.10	21.94		
1.4	16QAM	3	0	22.00	22.04	22.04		
1.4	16QAM	3	1	21.83	21.94	21.90		
1.4	16QAM	3	3	21.92	21.92	22.01		
1.4	16QAM	6	0	21.09	21.33	21.24	22	2
1.4	64QAM	1	0	20.96	21.13	21.24	22	2
1.4	64QAM	1	3	21.00	21.29	20.95		
1.4	64QAM	1	5	20.92	21.18	21.09		
1.4	64QAM	3	0	21.12	21.25	21.14		
1.4	64QAM	3	1	21.03	20.91	20.96		
1.4	64QAM	3	3	20.91	21.18	21.11		
1.4	64QAM	6	0	20.20	20.02	20.08	21	3

LTE Band 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
				Channel 20450	20525	20600		
				Freq 829	836.5	844		
10	QPSK	1	0	23.01	23.15	23.11	24	0
10	QPSK	1	25	22.90	23.04	22.95		
10	QPSK	1	49	22.97	22.87	22.87		
10	QPSK	25	0	22.13	22.18	22.06	23	1
10	QPSK	25	12	21.89	22.14	22.08		
10	QPSK	25	25	22.00	22.08	22.13		
10	QPSK	50	0	21.96	22.14	22.02		
10	16QAM	1	0	22.09	22.19	22.21	23	1
10	16QAM	1	25	21.96	22.09	22.06		
10	16QAM	1	49	21.97	22.10	22.26		
10	16QAM	25	0	21.12	21.13	21.09	22	2
10	16QAM	25	12	21.10	21.12	21.25		
10	16QAM	25	25	20.96	21.03	21.17		
10	16QAM	50	0	20.98	21.07	21.08		
10	64QAM	1	0	21.09	21.13	21.11	22	2
10	64QAM	1	25	20.91	21.18	21.24		
10	64QAM	1	49	20.99	21.07	21.21		
10	64QAM	25	0	20.05	20.19	20.08	21	3
10	64QAM	25	12	20.12	19.97	20.10		
10	64QAM	25	25	19.98	20.02	20.12		
10	64QAM	50	0	19.99	20.09	20.08		
				Channel 20425	20525	20625		
				Freq 826.5	836.5	846.5		
5	QPSK	1	0	22.95	22.94	22.98	24	0
5	QPSK	1	12	22.85	22.94	22.78		
5	QPSK	1	24	22.80	22.69	23.10		
5	QPSK	12	0	22.01	22.05	21.92	23	1
5	QPSK	12	7	21.86	21.96	21.88		
5	QPSK	12	13	21.86	22.01	21.92		
5	QPSK	25	0	21.86	21.92	22.01		
5	16QAM	1	0	22.00	22.01	22.19	23	1
5	16QAM	1	12	21.86	21.99	21.93		
5	16QAM	1	24	21.80	21.90	22.20		
5	16QAM	12	0	20.98	20.91	20.97	22	2
5	16QAM	12	7	21.04	21.08	21.24		
5	16QAM	12	13	20.79	21.04	21.00		
5	16QAM	25	0	20.92	20.87	21.03		
5	64QAM	1	0	21.03	21.05	20.94	22	2
5	64QAM	1	12	20.93	21.06	21.06		
5	64QAM	1	24	20.86	21.02	21.18		
5	64QAM	12	0	20.07	19.93	20.04	21	3
5	64QAM	12	7	20.10	19.85	20.02		
5	64QAM	12	13	19.80	19.94	20.02		
5	64QAM	25	0	19.81	20.02	19.97		
				Channel 20415	20525	20635		
				Freq 825.5	836.5	847.5		
3	QPSK	1	0	22.91	22.98	22.92	24	0
3	QPSK	1	8	22.79	22.90	22.77		
3	QPSK	1	14	22.86	22.82	23.13		
3	QPSK	8	0	22.01	22.08	21.92	23	1
3	QPSK	8	4	21.75	22.07	21.91		
3	QPSK	8	7	21.94	22.12	21.98		
3	QPSK	15	0	21.81	21.97	22.01		
3	16QAM	1	0	22.08	22.18	22.00	23	1
3	16QAM	1	8	21.88	21.91	21.96		
3	16QAM	1	14	21.86	22.08	22.17		
3	16QAM	8	0	20.91	21.09	20.91	22	2
3	16QAM	8	4	20.95	21.08	21.18		
3	16QAM	8	7	20.78	21.00	20.93		
3	16QAM	15	0	21.11	21.04	20.91		
3	64QAM	1	0	20.93	21.07	21.20	22	2
3	64QAM	1	14	20.91	21.02	21.06		
3	64QAM	8	0	19.93	19.94	20.09	21	3
3	64QAM	8	4	19.83	19.90	20.05		
3	64QAM	8	7	19.95	20.08	19.93		
				Channel 20407	20525	20643		
				Freq 824.7	836.5	848.3		
1.4	QPSK	1	0	22.89	23.10	23.04	24	0
1.4	QPSK	1	5	22.82	22.83	22.82		
1.4	QPSK	1	5	22.79	22.81	22.94		
1.4	QPSK	3	0	22.85	23.09	23.12		
1.4	QPSK	3	1	22.80	23.05	22.95		
1.4	QPSK	3	3	22.75	22.76	23.06		
1.4	QPSK	6	0	21.78	22.14	21.95	23	1
1.4	16QAM	1	0	22.05	22.06	22.06	23	1
1.4	16QAM	1	3	21.94	21.95	21.98		
1.4	16QAM	1	5	21.90	22.03	22.17		
1.4	16QAM	3	0	21.95	22.15	22.00		
1.4	16QAM	3	1	21.79	22.09	21.87		
1.4	16QAM	6	0	20.77	20.99	21.03	22	2
1.4	64QAM	1	0	21.04	21.02	20.98	22	2
1.4	64QAM	1	3	20.74	21.17	21.13		
1.4	64QAM	1	5	20.85	21.08	21.08		
1.4	64QAM	3	0	21.11	21.10	20.98		
1.4	64QAM	3	1	21.03	20.91	21.02		
1.4	64QAM	3	3	20.83	21.04	21.02		
1.4	64QAM	6	0	19.99	19.95	19.97	21	3

LTE Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.10	23.15	22.92	24	0
20	QPSK	1	49	23.06	23.07	22.73		
20	QPSK	1	99	22.91	22.99	22.87		
20	QPSK	50	0	22.06	22.21	21.80	23	1
20	QPSK	50	24	22.02	22.13	22.01		
20	QPSK	50	50	22.18	22.20	21.89		
20	QPSK	100	0	22.02	22.09	21.92		
20	16QAM	1	0	22.16	22.24	21.95	23	1
20	16QAM	1	49	22.14	22.17	21.87		
20	16QAM	1	99	22.18	22.14	21.94		
20	16QAM	50	0	21.20	21.04	20.91	22	2
20	16QAM	50	24	21.04	21.23	20.91		
20	16QAM	50	50	21.08	21.16	20.90		
20	16QAM	100	0	21.07	21.17	21.03		
20	64QAM	1	0	21.10	21.12	20.82	22	2
20	64QAM	1	49	21.12	21.04	20.83		
20	64QAM	1	99	21.11	21.26	20.92		
20	64QAM	50	0	19.98	20.16	19.81	21	3
20	64QAM	50	24	20.18	20.25	19.98		
20	64QAM	50	50	20.04	20.06	19.84		
20	64QAM	100	0	20.14	20.03	19.88		
Channel				20825	21100	21375	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.95	22.99	22.75	24	0
15	QPSK	1	37	22.94	22.93	22.58		
15	QPSK	1	74	22.93	23.00	22.85		
15	QPSK	36	0	21.94	22.00	21.72	23	1
15	QPSK	36	20	21.90	22.13	21.83		
15	QPSK	36	39	22.08	21.88	21.79		
15	QPSK	75	0	21.95	21.94	21.71		
15	16QAM	1	0	21.98	21.96	21.92	23	1
15	16QAM	1	37	21.95	22.14	21.70		
15	16QAM	1	74	22.18	22.05	21.81		
15	16QAM	36	0	21.20	20.93	20.89	22	2
15	16QAM	36	20	20.84	21.13	20.77		
15	16QAM	36	39	20.95	21.05	20.91		
15	16QAM	75	0	20.97	21.19	20.86		
15	64QAM	1	0	21.10	21.02	20.82	22	2
15	64QAM	1	37	20.96	20.88	20.76		
15	64QAM	1	74	20.94	21.04	20.76		
15	64QAM	36	0	19.83	20.15	19.68	21	3
15	64QAM	36	20	20.18	20.15	19.98		
15	64QAM	36	39	19.83	19.86	19.69		
15	64QAM	75	0	20.04	19.83	19.72		
Channel				20800	21100	21400	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.90	23.13	22.88	24	0
10	QPSK	1	25	23.06	22.91	22.72		
10	QPSK	1	49	22.92	22.97	22.68		
10	QPSK	25	0	21.95	22.11	21.64	23	1
10	QPSK	25	12	21.89	22.04	21.98		
10	QPSK	25	25	22.08	21.89	21.69		
10	QPSK	50	0	21.83	21.98	21.80		
10	16QAM	1	0	21.97	22.10	21.78	23	1
10	16QAM	1	25	22.04	22.08	21.75		
10	16QAM	1	49	22.01	22.11	21.87		
10	16QAM	25	0	21.21	21.01	20.91	22	2
10	16QAM	25	12	20.83	21.17	20.93		
10	16QAM	25	25	21.01	21.06	20.72		
10	16QAM	50	0	20.90	21.13	20.94		
10	64QAM	1	0	20.89	21.11	20.73	22	2
10	64QAM	1	25	20.90	20.96	20.82		
10	64QAM	1	49	21.09	21.05	20.74		
10	64QAM	25	0	19.91	20.07	19.70	21	3
10	64QAM	25	12	20.01	20.13	19.85		
10	64QAM	25	25	19.84	20.05	19.63		
10	64QAM	50	0	19.98	19.86	19.83		
Channel				20775	21100	21425	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.08	23.12	22.84	24	0
5	QPSK	1	12	22.86	23.03	22.64		
5	QPSK	1	24	22.79	22.95	22.67		
5	QPSK	12	0	21.92	22.23	21.76	23	1
5	QPSK	12	7	22.01	22.07	21.88		
5	QPSK	12	13	21.99	21.97	21.81		
5	QPSK	25	0	22.02	21.95	21.74		
5	16QAM	1	0	22.11	22.09	21.93	23	1
5	16QAM	1	12	22.06	22.08	21.86		
5	16QAM	1	24	21.98	22.12	21.82		
5	16QAM	12	0	21.19	20.89	20.76	22	2
5	16QAM	12	7	20.83	21.04	20.86		
5	16QAM	12	13	20.89	21.07	20.71		
5	16QAM	25	0	21.03	21.14	21.02		
5	64QAM	1	0	20.93	21.07	20.71	22	2
5	64QAM	1	12	21.12	21.01	20.81		
5	64QAM	1	24	21.05	21.00	20.93		
5	64QAM	12	0	19.87	20.09	19.67	21	3
5	64QAM	12	7	19.98	20.10	19.88		
5	64QAM	12	13	20.02	19.89	19.82		
5	64QAM	25	0	20.03	19.88	19.88		

LTE Band 12

BW [MHz]	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	23.15	23.20	23.15	24	0
10	QPSK	1	25	23.03	23.14	22.95		
10	QPSK	1	49	22.96	23.10	23.00		
10	QPSK	25	0	22.05	22.25	22.04	23	1
10	QPSK	25	12	22.05	22.18	22.16		
10	QPSK	25	25	22.20	22.21	22.10		
10	QPSK	50	0	22.23	22.24	22.08		
10	16QAM	1	0	22.12	22.24	22.11	23	1
10	16QAM	1	25	22.19	22.29	22.09		
10	16QAM	1	49	22.13	22.29	22.15		
10	16QAM	25	0	21.23	21.11	21.09	22	2
10	16QAM	25	12	21.22	21.32	21.11		
10	16QAM	25	25	21.06	21.17	21.23		
10	16QAM	50	0	21.07	21.30	21.04		
10	64QAM	1	0	21.25	21.32	21.25	22	2
10	64QAM	1	25	21.08	21.10	21.16		
10	64QAM	1	49	21.13	21.22	21.18		
10	64QAM	25	0	20.08	20.21	20.23	21	3
10	64QAM	25	12	20.24	20.17	20.07		
10	64QAM	25	25	20.09	20.08	20.19		
10	64QAM	50	0	20.08	20.17	20.13		
Channel				23035	23095	23155	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.00	23.16	23.00	24	0
5	QPSK	1	12	22.82	22.96	22.81		
5	QPSK	1	24	22.89	23.08	22.99		
5	QPSK	12	0	21.87	22.15	21.96	23	1
5	QPSK	12	7	22.04	22.00	22.14		
5	QPSK	12	13	22.06	22.03	21.95		
5	QPSK	25	0	22.20	22.21	21.90		
5	16QAM	1	0	22.01	22.13	22.10	23	1
5	16QAM	1	12	22.06	22.14	22.06		
5	16QAM	1	24	22.11	22.20	22.06		
5	16QAM	12	0	21.05	20.90	21.13	22	2
5	16QAM	12	7	21.13	21.12	21.11		
5	16QAM	12	13	21.06	21.04	21.23		
5	16QAM	25	0	21.08	21.17	20.88		
5	64QAM	1	0	21.27	21.19	21.17	22	2
5	64QAM	1	12	21.02	20.98	21.14		
5	64QAM	1	24	20.91	21.14	21.10		
5	64QAM	12	0	19.93	20.13	20.15	21	3
5	64QAM	12	7	19.92	20.17	19.92		
5	64QAM	12	13	19.94	20.03	20.16		
5	64QAM	25	0	19.88	20.19	20.12		
Channel				23025	23095	23165	Tune-up limit	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.96	23.02	22.97	24	0
3	QPSK	1	8	22.89	23.00	22.81		
3	QPSK	1	14	22.95	23.00	22.98		
3	QPSK	8	0	21.90	22.15	21.91	23	1
3	QPSK	8	4	21.98	22.03	22.01		
3	QPSK	8	7	22.00	22.06	22.11		
3	QPSK	15	0	22.18	22.23	22.01		
3	16QAM	1	0	22.13	22.25	22.11	23	1
3	16QAM	1	8	22.00	22.31	21.99		
3	16QAM	1	14	21.96	22.22	22.11		
3	16QAM	8	0	21.15	21.12	21.19	22	2
3	16QAM	8	4	21.20	21.17	21.04		
3	16QAM	8	7	20.91	22.14	21.16		
3	16QAM	15	0	21.03	21.18	20.94		
3	64QAM	1	0	21.10	21.31	21.20	22	2
3	64QAM	1	8	21.06	21.09	21.13		
3	64QAM	1	14	20.97	21.17	21.00		
3	64QAM	8	0	20.09	20.13	20.11	21	3
3	64QAM	8	4	20.03	19.99	19.89		
3	64QAM	8	7	20.00	20.06	20.09		
3	64QAM	15	0	19.89	20.11	19.94		
Channel				23017	23095	23173	Tune-up limit	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.16	23.09	23.12	24	0
1.4	QPSK	1	3	22.92	22.96	22.75		
1.4	QPSK	1	5	22.98	23.08	22.93		
1.4	QPSK	3	0	23.10	23.16	23.13		
1.4	QPSK	3	1	23.04	23.05	22.85		
1.4	QPSK	3	3	22.96	23.06	22.93		
1.4	QPSK	6	0	22.10	22.05	21.89	23	1
1.4	16QAM	1	0	22.13	22.17	21.81	23	1
1.4	16QAM	1	3	22.04	22.12	22.01		
1.4	16QAM	1	5	22.09	22.16	21.94		
1.4	16QAM	3	0	22.05	22.19	21.93		
1.4	16QAM	3	1	22.06	22.04	22.00		
1.4	16QAM	3	3	22.09	22.12	21.90		
1.4	16QAM	6	0	21.01	21.13	20.98	22	2
1.4	64QAM	1	0	21.26	21.28	21.08		
1.4	64QAM	1	3	20.88	21.04	21.09		
1.4	64QAM	1	5	20.94	21.06	21.15	22	2
1.4	64QAM	3	0	21.06	21.11	21.18		
1.4	64QAM	3	1	21.03	21.26	21.02		
1.4	64QAM	3	3	21.15	21.33	21.14		
1.4	64QAM	6	0	19.91	20.18	19.99	21	3

LTE Band 13

BW [MHz]	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)					762			
10	QPSK	1	0		22.83		24	0
10	QPSK	1	25		22.52			
10	QPSK	1	49		22.69			
10	QPSK	25	0		21.82		23	1
10	QPSK	25	12		21.63			
10	QPSK	25	25		21.80			
10	QPSK	50	0		21.78			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.72			
10	16QAM	1	49		21.80			
10	16QAM	25	0		20.69		22	2
10	16QAM	25	12		20.93			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.76			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.54			
10	64QAM	1	49		20.80			
10	64QAM	25	0		19.62		21	3
10	64QAM	25	12		19.79			
10	64QAM	25	25		19.52			
10	64QAM	50	0		19.69			
Channel				23205	23230	23255	Tune-up limit	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.66	22.78	24	0
5	QPSK	1	24	22.45	22.36	22.36		
5	QPSK	12	0	21.62	21.81	21.80	23	1
5	QPSK	12	7	21.57	21.51	21.44		
5	QPSK	12	13	21.70	21.78	21.62		
5	QPSK	25	0	21.69	21.56	21.57		
5	16QAM	1	0	21.71	21.80	21.71	23	1
5	16QAM	1	12	21.71	21.59	21.54		
5	16QAM	1	24	21.64	21.60	21.67		
5	16QAM	12	0	20.53	20.57	20.66	22	2
5	16QAM	12	7	20.79	20.91	20.76		
5	16QAM	12	13	20.42	20.44	20.58		
5	16QAM	25	0	20.63	20.62	20.65		
5	64QAM	1	0	20.65	20.76	20.67	22	2
5	64QAM	1	12	20.49	20.40	20.50		
5	64QAM	1	24	20.59	20.67	20.62		
5	64QAM	12	0	19.55	19.60	19.44	21	3
5	64QAM	12	7	19.65	19.68	19.73		
5	64QAM	12	13	19.54	19.53	19.34		
5	64QAM	25	0	19.56	19.55	19.49		

LTE Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 23780 / 709	Power Middle Ch. / 23790 / 710	Power High Ch. / 23800 / 711	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.98	23.14	23.06	24	0
10	QPSK	1	25	22.87	23.01	22.83		
10	QPSK	1	49	22.97	23.11	22.83		
10	QPSK	25	0	21.84	21.84	22.00	23	1
10	QPSK	25	12	21.84	21.98	22.07		
10	QPSK	25	25	22.01	22.08	22.10		
10	QPSK	50	0	22.10	22.14	22.05		
10	16QAM	1	0	22.07	22.05	22.03	23	1
10	16QAM	1	25	22.03	22.23	22.07		
10	16QAM	1	49	21.98	22.15	22.17		
10	16QAM	25	0	21.16	21.03	21.12	22	2
10	16QAM	25	12	21.13	21.29	21.13		
10	16QAM	25	25	20.94	20.95	21.03		
10	16QAM	50	0	21.01	21.28	20.94		
10	64QAM	1	0	21.17	21.22	21.23	22	2
10	64QAM	1	25	21.02	21.05	21.14		
10	64QAM	1	49	21.00	21.03	21.18		
10	64QAM	25	0	20.03	20.21	20.21	21	3
10	64QAM	25	12	20.19	20.12	19.95		
10	64QAM	25	25	19.85	19.90	20.19		
10	64QAM	50	0	19.92	20.07	19.97		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 23755 / 706.5	23790 / 710	23825 / 713.5	Tune-up limit	MPR (dB)
5	QPSK	1	0	22.97	23.00	22.97	24	0
5	QPSK	1	12	22.84	22.80	22.79		
5	QPSK	1	24	22.89	23.13	22.82		
5	QPSK	12	0	21.80	21.98	21.99	23	1
5	QPSK	12	7	21.76	21.80	21.99		
5	QPSK	12	13	21.95	22.00	22.04		
5	QPSK	25	0	21.99	22.02	21.92		
5	16QAM	1	0	22.10	22.15	22.00	23	1
5	16QAM	1	12	21.94	22.13	21.93		
5	16QAM	1	24	21.97	22.10	22.03		
5	16QAM	12	0	21.07	20.95	21.07	22	2
5	16QAM	12	7	20.95	21.08	20.91		
5	16QAM	12	13	20.83	20.83	20.85		
5	16QAM	25	0	20.82	20.89	20.77		
5	64QAM	1	0	20.99	21.00	21.14	22	2
5	64QAM	1	12	20.87	20.86	21.15		
5	64QAM	1	24	20.95	20.88	21.00		
5	64QAM	12	0	19.91	20.11	20.01	21	3
5	64QAM	12	7	20.08	19.93	19.86		
5	64QAM	12	13	19.78	20.00	20.12		
5	64QAM	25	0	19.89	20.04	19.88		

LTE Band 26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 26765 / 821.5	Power Middle Ch. / 26865 / 831.5	Power High Ch. / 26965 / 841.5	Tune-up limit	MPR (dB)
15	QPSK	1	0	22.90	23.17	23.01	24	0
15	QPSK	1	37	22.75	23.00	22.87		
15	QPSK	1	74	22.90	22.84	22.91		
15	QPSK	36	0	22.04	22.21	22.06	23	1
15	QPSK	36	20	21.91	21.97	22.10		
15	QPSK	36	39	21.86	21.99	22.10		
15	QPSK	75	0	21.87	22.02	21.97		
15	16QAM	1	0	22.07	22.05	22.03	23	1
15	16QAM	1	37	21.78	22.07	22.06		
15	16QAM	1	74	21.92	21.88	22.18		
15	16QAM	36	0	20.99	21.14	20.90	22	2
15	16QAM	36	20	20.99	20.92	21.25		
15	16QAM	36	39	20.82	20.97	21.12		
15	16QAM	75	0	20.87	20.99	21.03		
15	64QAM	1	0	20.89	21.02	20.94	22	2
15	64QAM	1	37	20.87	20.99	21.23		
15	64QAM	1	74	20.95	20.98	21.11		
15	64QAM	36	0	20.01	19.87	20.09	21	3
15	64QAM	36	20	20.03	19.76	20.10		
15	64QAM	36	39	19.85	19.90	19.91		
15	64QAM	75	0	19.79	19.94	19.77		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 26740 / 819	26865 / 831.5	26990 / 844	Tune-up limit	MPR (dB)
10	QPSK	1	0	22.69	23.04	22.80	24	0
10	QPSK	1	25	22.62	22.86	22.85		
10	QPSK	1	49	22.82	22.74	22.70		
10	QPSK	25	0	22.02	21.90	21.86	23	1
10	QPSK	25	12	21.71	21.84	21.98		
10	QPSK	25	25	21.72	21.94	22.06		
10	QPSK	50	0	21.66	21.94	21.79		
10	16QAM	1	0	21.93	22.01	22.19	23	1
10	16QAM	1	25	21.73	22.09	21.95		
10	16QAM	1	49	21.73	21.89	21.98		
10	16QAM	25	0	20.94	21.08	20.87	22	2
10	16QAM	25	12	20.82	20.79	21.08		
10	16QAM	25	25	20.61	20.85	21.02		
10	16QAM	50	0	20.82	20.81	20.90		
10	64QAM	1	0	20.77	20.95	20.82	22	2
10	64QAM	1	25	20.86	20.89	21.10		
10	64QAM	1	49	20.86	20.77	21.10		
10	64QAM	25	0	19.80	19.81	20.10	21	3
10	64QAM	25	25	19.64	19.82	19.89		
10	64QAM	50	0	19.71	19.73	19.77		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 26705 / 816.5	26865 / 831.5	27015 / 846.5	Tune-up limit	MPR (dB)
5	QPSK	1	0	22.70	23.04	23.03	24	0
5	QPSK	1	12	22.56	22.91	22.71		
5	QPSK	1	24	22.69	22.82	22.90		
5	QPSK	12	0	21.95	22.04	22.01	23	1
5	QPSK	12	7	21.90	21.92	21.88		
5	QPSK	12	13	21.68	21.79	21.93		
5	QPSK	25	0	21.79	22.00	21.94		
5	16QAM	1	0	22.03	22.01	22.14	23	1
5	16QAM	1	12	21.74	21.74	21.91		
5	16QAM	1	24	21.83	21.78	22.02		
5	16QAM	12	0	20.78	21.11	20.85	22	2
5	16QAM	12	7	21.00	20.80	21.11		
5	16QAM	12	13	20.82	20.83	20.98		
5	16QAM	25	0	20.67	20.88	20.94		
5	64QAM	1	0	20.82	20.96	20.77	22	2
5	64QAM	1	24	20.90	20.93	21.03		
5	64QAM	12	0	19.89	19.70	20.02	21	3
5	64QAM	12	7	19.90	19.57	19.95		
5	64QAM	12	13	19.82	19.91	19.75		
5	64QAM	25	0	19.72	19.91	19.81		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 26705 / 815.5	26865 / 831.5	27025 / 847.5	Tune-up limit	MPR (dB)
3	QPSK	1	0	22.71	23.10	22.85	24	0
3	QPSK	1	8	22.68	22.91	22.71		
3	QPSK	1	14	22.86	22.81	22.87		
3	QPSK	8	0	21.98	22.07	21.99	23	1
3	QPSK	8	4	21.73	21.89	22.07		
3	QPSK	8	7	21.78	22.00	22.05		
3	QPSK	15	0	21.73	21.91	21.83		
3	16QAM	1	0	22.04	22.03	22.15	23	1
3	16QAM	1	8	21.77	21.90	22.04		
3	16QAM	1	14	21.74	21.76	22.18		
3	16QAM	8	0	21.00	21.14	20.92	22	2
3	16QAM	8	4	20.93	20.91	21.12		
3	16QAM	8	7	20.82	20.95	20.93		
3	16QAM	15	0	20.80	20.97	20.86		
3	64QAM	1	0	20.89	20.88	20.73	22	2
3	64QAM	1	8	20.76	20.84	21.07		
3	64QAM	1	14	20.87	20.91	21.01		
3	64QAM	8	0	19.83	19.81	19.96	21	3
3	64QAM	8	4	20.00	19.66	20.00		
3	64QAM	8	7	19.77	19.87	19.83		
3	64QAM	15	0	19.58	19.76	19.85		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 26697 / 814.7	26865 / 831.5	27033 / 848.3	Tune-up limit	MPR (dB)
1.4	QPSK	1	0	22.70	22.95	22.86	24	0
1.4	QPSK	1	3	22.81	22.79	22.72		
1.4	QPSK	1	5	22.64	22.67	22.94		
1.4	QPSK	3	0	22.78	22.89	22.96		
1.4	QPSK	3	1	22.69	23.03	22.80		
1.4	QPSK	3	3	22.72	22.56	22.91		
1.4	QPSK	6	0	21.79	21.96	21.85	23	1
1.4	16QAM	1	0	21.98	22.04	22.00	23	1
1.4	16QAM	1	3	21.76	21.84	21.78		
1.4	16QAM	1	5	21.76	21.84	22.01		
1.4	16QAM	3	0	21.86	22.05	22.00		
1.4	16QAM	3	1	21.72	21.99	21.85		
1.4	16QAM	3	3	21.82	21.87	21.95		
1.4	16QAM	6	0	20.56	20.83	20.86	22	2
1.4	64QAM	1	0	20.95	20.90	20.89	22	2
1.4	64QAM	1	3	20.67	21.01	21.01		
1.4	64QAM	1	5	20.83	21.05	20.98		
1.4	64QAM	3	0	21.00	21.11	20.96		
1.4	64QAM	3	1	20.82	20.78	21.04		
1.4	64QAM	3	3	20.70	20.87	20.91		
1.4	64QAM	6	0	20.00	19.81	19.87	21	3

LTE Band 66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / 132072 / 1720	Power Middle Ch. / 132322 / 1745	Power High Ch. / 132572 / 1770	Tune-up limit	MPR (dB)
20	QPSK	1	0	23.21	23.26	23.20	24	0
20	QPSK	1	49	23.02	22.87	22.99		
20	QPSK	1	99	23.02	23.13	23.06		
20	QPSK	50	0	21.95	22.16	22.13	23	1
20	QPSK	50	24	22.03	21.98	22.00		
20	QPSK	50	50	21.89	22.07	22.05		
20	QPSK	100	0	21.83	22.05	22.01		
20	16QAM	1	0	22.18	22.18	22.21	23	1
20	16QAM	1	49	21.93	22.24	21.84		
20	16QAM	1	99	21.93	22.06	22.01		
20	16QAM	50	0	21.00	21.00	21.16	22	2
20	16QAM	50	24	20.90	20.95	20.91		
20	16QAM	50	50	21.12	21.11	21.23		
20	16QAM	100	0	20.94	21.25	21.10		
20	64QAM	1	0	21.05	21.17	21.07	22	2
20	64QAM	1	49	20.94	21.08	21.23		
20	64QAM	1	99	21.16	21.25	21.02		
20	64QAM	50	0	19.87	20.15	20.17	21	3
20	64QAM	50	24	20.07	20.22	20.21		
20	64QAM	50	50	19.90	20.06	19.94		
20	64QAM	100	0	20.16	20.16	20.03		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 132047 / 1717.5	132322 / 1745	132597 / 1772.5	Tune-up limit	MPR (dB)
15	QPSK	1	0	23.11	23.21	22.99	24	0
15	QPSK	1	37	22.89	23.05	22.90		
15	QPSK	1	74	23.01	23.15	23.03		
15	QPSK	36	0	21.91	22.20	21.95	23	1
15	QPSK	36	20	21.85	22.05	21.96		
15	QPSK	36	39	22.06	22.16	21.92		
15	QPSK	75	0	21.91	21.97	21.86		
15	16QAM	1	0	21.85	22.21	22.14	23	1
15	16QAM	1	37	21.89	22.25	21.85		
15	16QAM	1	74	22.06	22.06	22.03		
15	16QAM	36	0	21.06	21.04	20.99	22	2
15	16QAM	36	20	20.96	21.15	21.06		
15	16QAM	36	39	20.93	21.15	21.20		
15	16QAM	75	0	21.06	21.28	21.25		
15	64QAM	1	0	21.03	21.18	20.98	22	2
15	64QAM	1	37	21.13	21.14	21.07		
15	64QAM	1	74	20.97	21.19	21.05		
15	64QAM	36	0	20.05	20.07	20.01	21	3
15	64QAM	36	20	20.01	20.18	20.11		
15	64QAM	36	39	19.93	20.03	20.00		
15	64QAM	75	0	20.19	20.08	19.98		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 132222 / 1715	132322 / 1745	132622 / 1775	Tune-up limit	MPR (dB)
10	QPSK	1	0	22.92	23.07	23.05	24	0
10	QPSK	1	25	22.98	22.89	22.95		
10	QPSK	1	49	22.93	23.12	22.94		
10	QPSK	25	0	21.96	22.25	21.97	23	1
10	QPSK	25	12	21.94	21.93	21.91		
10	QPSK	25	25	21.86	22.07	21.97		
10	QPSK	50	0	21.85	21.90	21.87		
10	16QAM	1	0	21.86	22.17	22.12	23	1
10	16QAM	1	25	21.98	22.06	21.80		
10	16QAM	1	49	21.75	21.91	21.99		
10	16QAM	25	0	21.18	21.22	21.15	22	2
10	16QAM	25	12	21.05	21.04	21.08		
10	16QAM	25	25	21.13	20.99	21.09		
10	16QAM	50	0	20.95	21.23	21.11		
10	64QAM	1	0	21.02	21.13	21.18	22	2
10	64QAM	1	25	20.92	21.20	21.04		
10	64QAM	1	49	21.00	21.24	20.90		
10	64QAM	25	0	19.97	20.13	20.07	21	3
10	64QAM	25	12	20.07	20.25	20.17		
10	64QAM	25	25	20.09	20.03	19.85		
10	64QAM	50	0	20.00	20.11	20.21		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 131997 / 1712.5	132322 / 1745	132647 / 1777.5	Tune-up limit	MPR (dB)
5	QPSK	1	0	22.94	23.20	23.14	24	0
5	QPSK	1	12	22.87	23.05	23.09		
5	QPSK	1	24	22.97	23.19	22.97		
5	QPSK	12	0	21.97	22.12	22.15	23	1
5	QPSK	12	7	21.89	22.09	22.10		
5	QPSK	12	13	21.83	21.98	21.89		
5	QPSK	25	0	22.01	21.94	21.87		
5	16QAM	1	0	21.78	22.23	21.98	23	1
5	16QAM	1	12	22.08	22.24	21.92		
5	16QAM	1	24	21.94	22.10	21.96		
5	16QAM	12	0	20.98	21.23	20.99	22	2
5	16QAM	12	7	20.97	21.02	21.08		
5	16QAM	12	13	21.12	21.04	21.24		
5	16QAM	25	0	21.05	21.29	21.06		
5	64QAM	1	0	21.00	20.99	20.98	22	2
5	64QAM	1	12	20.95	21.17	21.21		
5	64QAM	1	24	21.06	21.26	20.90		
5	64QAM	12	0	19.89	20.21	20.17	21	3
5	64QAM	12	7	20.05	20.23	20.21		
5	64QAM	12	13	19.89	20.07	19.89		
5	64QAM	25	0	20.20	20.03	20.03		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 131987 / 1711.5	132322 / 1745	132657 / 1778.5	Tune-up limit	MPR (dB)
3	QPSK	1	0	22.92	23.19	23.01	24	0
3	QPSK	1	8	22.86	23.06	23.05		
3	QPSK	1	14	22.83	22.96	23.07		
3	QPSK	8	0	22.00	22.13	22.08	23	1
3	QPSK	8	4	21.87	21.95	21.96		
3	QPSK	8	7	21.93	21.98	21.93		
3	QPSK	15	0	22.03	22.02	21.91		
3	16QAM	1	0	21.97	22.15	22.14	23	1
3	16QAM	1	8	22.09	22.09	21.78		
3	16QAM	1	14	21.83	22.05	22.08		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	20.97	20.98	20.95		
3	16QAM	8	7	21.11	21.35	21.18		
3	16QAM	15	0	21.04	21.04	21.13		
3	64QAM	1	0	21.14	21.19	21.12	22	2
3	64QAM	1	8	21.04	21.20	21.10		
3	64QAM	1	14	21.12	21.32	21.02		
3	64QAM	8	0	19.93	20.00	20.08	21	3
3	64QAM	8	4	19.94	20.13	20.17		
3	64QAM	8	7	19.98	20.14	19.84		
3	64QAM	15	0	19.98	20.06	20.05		

BW [MHz]	Modulation	RB Size	RB Offset	Channel 131979 / 1710.7	132322 / 1745	132665 / 1779.3	Tune-up limit	MPR (dB)
1.4	QPSK	1	0	23.04	22.95	23.01	24	0
1.4	QPSK	1	3	22.73	22.89	22.84		
1.4	QPSK	1	5	22.83	22.96	22.72		
1.4	QPSK	3	0	22.84	23.02	22.85		
1.4	QPSK	3	1	22.88	23.00	22.79		
1.4	QPSK	3	3	22.64	23.15	23.02		
1.4	QPSK	6	0	21.88	22.08	21.87	23	1
1.4	16QAM	1	0	21.74	22.05	21.78	23	1
1.4	16QAM	1	3	21.87	22.10	21.63		
1.4	16QAM	1	5	21.65	22.06	21.95		
1.4	16QAM	3	0	21.87	21.89	22.04		
1.4	16QAM	3	1	21.73	21.94	21.82		
1.4	16QAM	3	3	21.99	21.85	21.79		
1.4	16QAM	6	0	20.95	21.23	21.03	22	2
1.4	64QAM	1	0	20.92	20.93	21.08	22	2
1.4	64QAM	1	3	20.89	21.27	20.94		
1.4	64QAM	1	5	20.85	21.11	20.93		
1.4	64QAM	3	0	20.90	21.06	21.12		
1.4	64QAM	3	1	20.76	21.03	20.94		
1.4	64QAM	6	0	20.08	19.86	19.90	21	3

LTE Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
			Channel	37850	38000	38150		
			Frequency (MHz)	2580	2595	2610		
20	QPSK	1	0	23.55	23.63	23.59	24.5	0
20	QPSK	1	49	23.51	23.51	23.43		
20	QPSK	1	99	23.57	23.48	23.60		
20	QPSK	50	0	22.45	22.65	22.61	23.5	1
20	QPSK	50	24	22.63	22.60	22.50		
20	QPSK	50	50	22.55	22.58	22.51		
20	QPSK	100	0	22.44	22.67	22.57		
20	16QAM	1	0	22.65	22.56	22.59	23.5	1
20	16QAM	1	49	22.43	22.61	22.51		
20	16QAM	1	99	22.49	22.65	22.55		
20	16QAM	50	0	21.58	21.66	21.53	22.5	2
20	16QAM	50	24	21.54	21.52	21.50		
20	16QAM	50	50	21.57	21.70	21.66		
20	16QAM	100	0	21.60	21.57	21.65		
20	64QAM	1	0	21.61	21.68	21.64	22.5	2
20	64QAM	1	49	21.61	21.68	21.55		
20	64QAM	1	99	21.49	21.52	21.56		
20	64QAM	50	0	20.45	20.52	20.59	21.5	3
20	64QAM	50	24	20.61	20.69	20.57		
20	64QAM	50	50	20.57	20.60	20.63		
20	64QAM	100	0	20.58	20.59	20.53		
			Channel	37825	38000	38175	Tune-up limit	MPR (dB)
			Frequency (MHz)	2577.5	2595	2612.5		
15	QPSK	1	0	23.49	23.42	23.58	24.5	0
15	QPSK	1	37	23.42	23.39	23.26		
15	QPSK	1	74	23.48	23.30	23.50		
15	QPSK	36	0	22.43	22.54	22.63	23.5	1
15	QPSK	36	20	22.56	22.54	22.29		
15	QPSK	36	39	22.50	22.37	22.31		
15	QPSK	75	0	22.35	22.50	22.43		
15	16QAM	1	0	22.44	22.56	22.55	23.5	1
15	16QAM	1	37	22.27	22.57	22.35		
15	16QAM	1	74	22.33	22.64	22.54		
15	16QAM	36	0	21.57	21.46	21.41	22.5	2
15	16QAM	36	20	21.33	21.44	21.41		
15	16QAM	36	39	21.41	21.71	21.58		
15	16QAM	75	0	21.52	21.52	21.51		
15	64QAM	1	0	21.41	21.65	21.53	22.5	2
15	64QAM	1	37	21.55	21.59	21.34		
15	64QAM	1	74	21.40	21.44	21.38		
15	64QAM	36	0	20.34	20.32	20.51	21.5	3
15	64QAM	36	20	20.54	20.61	20.56		
15	64QAM	36	39	20.37	20.43	20.52		
15	64QAM	75	0	20.44	20.60	20.46		
			Channel	37800	38000	38200	Tune-up limit	MPR (dB)
			Frequency (MHz)	2575	2595	2615		
10	QPSK	1	0	23.56	23.47	23.45	24.5	0
10	QPSK	1	25	23.36	23.49	23.30		
10	QPSK	1	49	23.42	23.42	23.39		
10	QPSK	25	0	22.43	22.52	22.50	23.5	1
10	QPSK	25	12	22.45	22.52	22.42		
10	QPSK	25	25	22.54	22.56	22.51		
10	QPSK	50	0	22.41	22.57	22.46		
10	16QAM	1	0	22.53	22.49	22.48	23.5	1
10	16QAM	1	25	22.28	22.39	22.36		
10	16QAM	1	49	22.48	22.59	22.33		
10	16QAM	25	0	21.49	21.59	21.53	22.5	2
10	16QAM	25	12	21.40	21.31	21.28		
10	16QAM	25	25	21.53	21.69	21.50		
10	16QAM	50	0	21.53	21.45	21.50		
10	64QAM	1	0	21.58	21.48	21.59	22.5	2
10	64QAM	1	25	21.57	21.49	21.44		
10	64QAM	1	49	21.43	21.45	21.44		
10	64QAM	25	0	20.35	20.43	20.59	21.5	3
10	64QAM	25	12	20.62	20.70	20.43		
10	64QAM	25	25	20.42	20.47	20.41		
10	64QAM	50	0	20.43	20.55	20.50		
			Channel	37775	38000	38225	Tune-up limit	MPR (dB)
			Frequency (MHz)	2572.5	2595	2617.5		
5	QPSK	1	0	23.46	23.51	23.49	24.5	0
5	QPSK	1	12	23.34	23.39	23.41		
5	QPSK	1	24	23.39	23.33	23.53		
5	QPSK	12	0	22.35	22.50	22.46	23.5	1
5	QPSK	12	7	22.58	22.46	22.40		
5	QPSK	12	13	22.43	22.60	22.50		
5	QPSK	25	0	22.35	22.57	22.45		
5	16QAM	1	0	22.50	22.58	22.39	23.5	1
5	16QAM	1	12	22.42	22.63	22.46		
5	16QAM	1	24	22.41	22.61	22.51		
5	16QAM	12	0	21.48	21.62	21.52	22.5	2
5	16QAM	12	7	21.47	21.38	21.34		
5	16QAM	12	13	21.55	21.50	21.45		
5	16QAM	25	0	21.48	21.47	21.60		
5	64QAM	1	0	21.39	21.47	21.60	22.5	2
5	64QAM	1	12	21.41	21.48	21.44		
5	64QAM	1	24	21.35	21.39	21.48		
5	64QAM	12	0	20.36	20.43	20.48	21.5	3
5	64QAM	12	7	20.41	20.49	20.56		
5	64QAM	12	13	20.54	20.61	20.54		
5	64QAM	25	0	20.40	20.47	20.40		

LTE Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle	Power Middle Ch. / Freq	Power High Middle	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
			Channel	39750	40185	40620	41055	41490		
			Frequency (MHz)	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.71	23.67	23.73	23.66	23.66	24.5	0
20	QPSK	1	49	23.57	23.61	23.69	23.48	23.60		
20	QPSK	1	99	23.57	23.55	23.58	23.66	23.57		
20	QPSK	50	0	22.71	22.57	22.76	22.59	22.69	23.5	1
20	QPSK	50	24	22.68	22.73	22.73	22.68	22.71		
20	QPSK	50	50	22.72	22.64	22.64	22.66	22.64		
20	QPSK	100	0	22.70	22.55	22.77	22.75	22.66		
20	16QAM	1	0	22.67	22.76	22.75	22.65	22.60	23.5	1
20	16QAM	1	49	22.74	22.73	22.80	22.55	22.72		
20	16QAM	1	99	22.74	22.76	22.68	22.60	22.76		
20	16QAM	50	0	21.71	21.62	21.76	21.58	21.72	22.5	2
20	16QAM	50	24	21.72	21.64	21.71	21.57	21.73		
20	16QAM	50	50	21.81	21.61	21.68	21.64	21.76		
20	16QAM	100	0	21.77	21.65	21.67	21.75	21.60		
20	64QAM	1	0	21.74	21.70	21.68	21.55	21.69	22.5	2
20	64QAM	1	49	21.77	21.73	21.76	21.77	21.66		
20	64QAM	1	99	21.66	21.66	21.78	21.75	21.74		
20	64QAM	50	0	20.64	20.77	20.77	20.72	20.65	21.5	3
20	64QAM	50	24	20.61	20.76	20.61	20.71	20.67		
20	64QAM	50	50	20.66	20.74	20.70	20.70	20.56		
20	64QAM	100	0	20.74	20.65	20.73	20.83	20.56		
			Channel	39775	40173	40620	41068	41515	Tune-up limit	MPR (dB)
			Frequency (MHz)	2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.64	23.51	23.66	23.46	23.65	24.50	0
15	QPSK	1	37	23.42	23.39	23.53	23.39	23.62		
15	QPSK	1	74	23.52	23.52	23.42	23.63	23.59		
15	QPSK	36	0	22.54	22.52	22.67	22.57	22.67	23.5	1
15	QPSK	36	20	22.62	22.60	22.71	22.59	22.53		
15	QPSK	36	39	22.58	22.62	22.46	22.66	22.54		
15	QPSK	75	0	22.52	22.48	22.57	22.69	22.45		
15	16QAM	1	0	22.57	22.58	22.65	22.59	22.53	23.5	1
15	16QAM	1	37	22.65	22.72	22.75	22.51	22.63		
15	16QAM	1	74	22.61	22.58	22.48	22.40	22.66		
15	16QAM	36	0	21.68	21.64	21.67	21.53	21.63	22.5	2
15	16QAM	36	20	21.71	21.47	21.61	21.49	21.71		
15	16QAM	36	39	21.75	21.56	21.58	21.56	21.63		
15	16QAM	75	0	21.70	21.53	21.55	21.76	21.41		
15	64QAM	1	0	21.57	21.53	21.58	21.51	21.68	22.5	2
15	64QAM	1	37	21.60	21.61	21.69	21.75	21.52		
15	64QAM	1	74	21.57	21.48	21.65	21.75	21.64		
15	64QAM	36	0	20.44	20.60	20.70	20.55	20.55	21.5	3
15	64QAM	36	20	20.46	20.55	20.42	20.71	20.58		
15	64QAM	36	39	20.50	20.54	20.52	20.50	20.58		
15	64QAM	75	0	20.53	20.53	20.53	20.53	20.56		
			Channel	39760	40160	40620	41080	41540	Tune-up limit	MPR (dB)
			Frequency (MHz)	2501	2547	2593	2639	2685		
10	QPSK	1	0	23.56	23.66	23.68	23.58	23.50	24.50	0
10	QPSK	1	25	23.56	23.57	23.47	23.37	23.53		
10	QPSK	1	49	23.54	23.45	23.40	23.58	23.50		
10	QPSK	25	0	22.67	22.40	22.55	22.37	22.70	23.5	1
10	QPSK	25	12	22.58	22.73	22.72	22.61	22.52		
10	QPSK	25	25	22.61	22.58	22.63	22.70	22.47		
10	QPSK	50	0	22.61	22.44	22.68	22.56	22.53		
10	16QAM	1	0	22.64	22.75	22.57	22.60	22.43	23.5	1
10	16QAM	1	25	22.52	22.52	22.70	22.51	22.69		
10	16QAM	1	49	22.69	22.74	22.64	22.38	22.78		
10	16QAM	25	0	21.57	21.54	21.77	21.50	21.62	22.5	2
10	16QAM	25	12	21.55	21.61	21.59	21.52	21.55		
10	16QAM	25	25	21.61	21.54	21.47	21.48	21.70		
10	16QAM	50	0	21.76	21.51	21.66	21.67	21.55		
10	64QAM	1	0	21.71	21.65	21.69	21.40	21.60	22.5	2
10	64QAM	1	25	21.57	21.57	21.62	21.70	21.51		
10	64QAM	1	49	21.67	21.61	21.76	21.72	21.74		
10	64QAM	25	0	20.59	20.60	20.71	20.60	20.62	21.5	3
10	64QAM	25	12	20.44	20.60	20.52	20.60	20.66		
10	64QAM	25	25	20.62	20.60	20.62	20.37	20.48		
10	64QAM	50	0	20.68	20.60	20.70	20.44	20.34		
			Channel	39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
			Frequency (MHz)	2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.63	23.51	23.63	23.48	23.55	24.50	0
5	QPSK	1	12	23.44	23.58	23.49	23.49	23.48		
5	QPSK	1	24	23.41	23.49	23.55	23.47	23.60		
5	QPSK	12	0	22.71	22.45	22.72	22.38	22.60	23.5	1
5	QPSK	12	7	22.62	22.63	22.60	22.55	22.54		
5	QPSK	12	13	22.56	22.49	22.65	22.60	22.56		
5	QPSK	25	0	22.54	22.34	22.63	22.77	22.67		
5	16QAM	1	0	22.65	22.75	22.58	22.49	22.47	23.5	1
5	16QAM	1	12	22.68	22.55	22.71	22.47	22.53		
5	16QAM	1	24	22.53	22.55	22.59	22.49	22.59		
5	16QAM	12	0	21.62	21.51	21.76	21.51	21.58	22.5	2
5	16QAM	12	7	21.54	21.60	21.68	21.49	21.64		
5	16QAM	12	13	21.62	21.51	21.59	21.54	21.71		
5	16QAM	25	0	21.72	21.54	21.46	21.65	21.64		
5	64QAM	1	0	21.76	21.55	21.61	21.38	21.69	22.5	2
5	64QAM	1	12	21.57	21.53	21.70	21.76	21.53		
5	64QAM	1	24	21.47	21.53	21.70	21.71	21.69		
5	64QAM	12	0	20.43	20.63	20.65	20.67	20.54	21.5	3
5	64QAM	12	7	20.45	20.69	20.53	20.64	20.59		
5	64QAM	12	13	20.49	20.74	20.58	20.60	20.55		
5	64QAM	25	0	20.68	20.47	20.59	20.63	20.39		

Reduced Power Mode for Receiver on

<GSM>

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.45	28.61	28.55	30.00	19.45	19.61	19.55	21.00
GPRS 1 Tx slot	28.41	28.57	28.51	30.00	19.41	19.57	19.51	21.00
GPRS 2 Tx slots	26.52	26.55	26.51	28.50	20.52	20.55	20.51	22.50
GPRS 3 Tx slots	25.29	25.38	25.33	27.00	21.03	21.12	21.07	22.74
GPRS 4 Tx slots	24.08	24.11	24.09	25.50	21.08	21.11	21.09	22.50
EDGE 1 Tx slot	25.19	25.26	25.38	26.50	16.19	16.26	16.38	17.50
EDGE 2 Tx slots	24.15	24.03	24.21	25.50	18.15	18.03	18.21	19.50
EDGE 3 Tx slots	21.86	21.73	22.03	23.00	17.60	17.47	17.77	18.74
EDGE 4 Tx slots	20.55	20.48	20.58	22.00	17.55	17.48	17.58	19.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.98	27.85	27.74	29.00	18.98	18.85	18.74	20.00
GPRS 1 Tx slot	28.10	27.97	27.93	29.00	19.10	18.97	18.93	20.00
GPRS 2 Tx slots	27.16	27.15	27.02	28.00	21.16	21.15	21.02	22.00
GPRS 3 Tx slots	25.32	25.28	25.27	26.00	21.06	21.02	21.01	21.74
GPRS 4 Tx slots	24.28	24.34	24.28	25.00	21.28	21.34	21.28	22.00
EDGE 1 Tx slot	24.44	24.55	24.58	25.50	15.44	15.55	15.58	16.50
EDGE 2 Tx slots	23.21	23.44	23.31	24.50	17.21	17.44	17.31	18.50
EDGE 3 Tx slots	20.94	21.20	21.08	22.50	16.68	16.94	16.82	18.24
EDGE 4 Tx slots	19.62	19.85	19.81	21.50	16.62	16.85	16.81	18.50

<WCDMA>

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.20	19.26	19.21	20.00	14.75	14.75	14.71	15.50	21.38	21.42	21.36	22.00
3GPP Rel 99	RMC 12.2Kbps	19.22	19.28	19.24	20.00	14.76	14.78	14.73	15.50	21.41	21.44	21.38	22.00
3GPP Rel 6	HSDPA Subtest-1	18.20	18.49	18.16	19.00	13.84	13.83	13.63	14.50	20.57	20.55	20.56	21.00
3GPP Rel 6	HSDPA Subtest-2	18.24	18.42	18.35	19.00	13.77	13.77	13.66	14.50	20.32	20.48	20.30	21.00
3GPP Rel 6	HSDPA Subtest-3	17.67	17.63	17.67	18.50	13.27	13.36	13.05	14.00	19.65	19.98	19.93	20.50
3GPP Rel 6	HSDPA Subtest-4	17.73	17.88	17.76	18.50	13.21	13.30	13.33	14.00	20.03	19.89	19.86	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.33	18.28	18.20	19.00	13.83	13.66	13.77	14.50	20.24	20.46	20.42	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.23	18.26	18.37	19.00	13.91	13.78	13.85	14.50	20.43	20.28	20.08	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.89	17.65	17.69	18.50	13.16	13.33	13.29	14.00	19.91	19.85	19.87	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.81	17.62	17.83	18.50	13.10	13.46	13.23	14.00	19.82	19.87	19.83	20.50
3GPP Rel 6	HSUPA Subtest-1	18.21	18.45	18.11	19.00	13.84	13.71	13.81	14.50	20.43	20.25	20.26	21.00
3GPP Rel 6	HSUPA Subtest-2	16.28	16.22	16.16	17.00	11.74	11.84	11.75	12.50	18.07	18.48	18.51	19.00
3GPP Rel 6	HSUPA Subtest-3	17.22	17.10	17.29	18.00	12.65	12.96	12.73	13.50	19.12	19.37	19.41	20.00
3GPP Rel 6	HSUPA Subtest-4	16.24	16.35	16.18	17.00	11.86	11.85	11.63	12.50	18.35	18.22	18.27	19.00
3GPP Rel 6	HSUPA Subtest-5	18.12	18.32	18.27	19.00	13.90	14.00	13.62	14.50	20.47	20.37	20.58	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.80	15.71	15.57	16.50	11.19	11.47	11.07	12.00	17.84	17.73	18.10	18.50

SPORTON LAB.

LTE Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
			Channel	18700	18900	19100		
			Frequency (MHz)	1860	1880	1900		
20	QPSK	1	0	20.41	20.49	20.42		
20	QPSK	1	49	20.24	20.32	20.42	21.5	0
20	QPSK	1	99	20.19	20.34	20.25		
20	QPSK	50	0	20.43	20.46	20.34		
20	QPSK	50	24	20.22	20.34	20.31	21.5	0
20	QPSK	50	50	20.17	20.29	20.28		
20	QPSK	100	0	20.37	20.41	20.39		
20	16QAM	1	0	20.20	20.33	20.35		
20	16QAM	1	49	20.22	20.37	20.24	21.5	0
20	16QAM	1	99	20.37	20.42	20.42		
20	16QAM	50	0	20.22	20.31	20.37		
20	16QAM	50	24	20.13	20.25	20.24	21.5	0
20	16QAM	50	50	20.43	20.37	20.32		
20	16QAM	100	0	20.23	20.31	20.38		
20	64QAM	1	0	20.13	20.30	20.21		
20	64QAM	1	49	20.37	20.39	20.42	21.5	0
20	64QAM	1	99	20.19	20.33	20.37		
20	64QAM	50	0	20.14	20.27	20.23		
20	64QAM	50	24	20.39	20.36	20.35	21.5	0
20	64QAM	50	50	20.27	20.33	20.41		
20	64QAM	100	0	20.13	20.19	20.28		
			Channel	18675	18900	19125	Tune-up limit	MPR (dB)
			Frequency (MHz)	1857.5	1880	1902.5		
15	QPSK	1	0	20.38	20.34	20.33		
15	QPSK	1	37	20.24	20.33	20.38	21.5	0
15	QPSK	1	74	20.11	20.26	20.22		
15	QPSK	36	0	20.39	20.33	20.35		
15	QPSK	36	20	20.29	20.29	20.37	21.5	0
15	QPSK	36	39	20.11	20.26	20.14		
15	QPSK	75	0	20.32	20.33	20.37		
15	16QAM	1	0	20.14	20.29	20.38		
15	16QAM	1	37	20.08	20.21	20.19	21.5	0
15	16QAM	1	74	20.41	20.33	20.40		
15	16QAM	36	0	20.20	20.38	20.37		
15	16QAM	36	20	20.13	20.23	20.19	21.5	0
15	16QAM	36	39	20.34	20.36	20.32		
15	16QAM	75	0	20.22	20.33	20.33		
15	64QAM	1	0	20.18	20.23	20.25		
15	64QAM	1	37	20.34	20.39	20.35	21.5	0
15	64QAM	1	74	20.23	20.28	20.37		
15	64QAM	36	0	20.09	20.25	20.25		
15	64QAM	36	20	20.38	20.42	20.38	21.5	0
15	64QAM	36	39	20.24	20.26	20.29		
15	64QAM	75	0	20.11	20.29	20.18		
			Channel	18650	18900	19150	Tune-up limit	MPR (dB)
			Frequency (MHz)	1855	1880	1905		
10	QPSK	1	0	20.40	20.35	20.40		
10	QPSK	1	25	20.23	20.36	20.27	21.5	0
10	QPSK	1	49	20.19	20.22	20.19		
10	QPSK	25	0	20.37	20.37	20.34		
10	QPSK	25	12	20.17	20.32	20.32	21.5	0
10	QPSK	25	25	20.08	20.22	20.20		
10	QPSK	50	0	20.39	20.43	20.36		
10	16QAM	1	0	20.21	20.33	20.33		
10	16QAM	1	25	20.15	20.25	20.21	21.5	0
10	16QAM	1	49	20.38	20.42	20.36		
10	16QAM	25	0	20.20	20.30	20.38		
10	16QAM	25	12	20.13	20.24	20.21	21.5	0
10	16QAM	25	25	20.39	20.43	20.28		
10	16QAM	50	0	20.19	20.30	20.32		
10	64QAM	1	0	20.14	20.21	20.14		
10	64QAM	1	25	20.32	20.40	20.31	21.5	0
10	64QAM	1	49	20.25	20.37	20.30		
10	64QAM	25	0	20.15	20.25	20.17		
10	64QAM	25	12	20.34	20.43	20.32	21.5	0
10	64QAM	25	25	20.22	20.33	20.39		
10	64QAM	50	0	20.17	20.29	20.18		
			Channel	18625	18900	19175	Tune-up limit	MPR (dB)
			Frequency (MHz)	1852.5	1880	1907.5		
5	QPSK	1	0	20.31	20.35	20.34		
5	QPSK	1	12	20.26	20.38	20.38	21.5	0
5	QPSK	1	24	20.18	20.32	20.20		
5	QPSK	12	0	20.33	20.34	20.31		
5	QPSK	12	7	20.18	20.34	20.32	21.5	0
5	QPSK	12	13	20.18	20.32	20.17		
5	QPSK	25	0	20.33	20.36	20.31		
5	16QAM	1	0	20.19	20.36	20.34		
5	16QAM	1	12	20.13	20.29	20.15	21.5	0
5	16QAM	1	24	20.42	20.34	20.33		
5	16QAM	12	0	20.14	20.26	20.30		
5	16QAM	12	7	20.09	20.23	20.25	21.5	0
5	16QAM	12	13	20.35	20.36	20.32		
5	16QAM	25	0	20.14	20.28	20.33		
5	64QAM	1	0	20.14	20.29	20.21		
5	64QAM	1	12	20.41	20.35	20.33	21.5	0
5	64QAM	1	24	20.18	20.26	20.28		
5	64QAM	12	0	20.14	20.32	20.16		
5	64QAM	12	7	20.42	20.38	20.31	21.5	0
5	64QAM	12	13	20.23	20.27	20.34		
5	64QAM	25	0	20.12	20.22	20.15		
			Channel	18615	18900	19185	Tune-up limit	MPR (dB)
			Frequency (MHz)	1851.5	1880	1908.5		
3	QPSK	1	0	20.42	20.39	20.36		
3	QPSK	1	8	20.16	20.38	20.36	21.5	0
3	QPSK	1	14	20.07	20.32	20.23		
3	QPSK	8	0	20.36	20.42	20.35		
3	QPSK	8	4	20.19	20.29	20.29	21.5	0
3	QPSK	8	7	20.10	20.27	20.19		
3	QPSK	15	0	20.32	20.39	20.32		
3	16QAM	1	0	20.21	20.27	20.32		
3	16QAM	1	8	20.18	20.31	20.19	21.5	0
3	16QAM	1	14	20.31	20.40	20.39		
3	16QAM	8	0	20.22	20.28	20.36		
3	16QAM	8	4	20.14	20.29	20.19	21.5	0
3	16QAM	8	7	20.41	20.38	20.32		
3	16QAM	15	0	20.19	20.26	20.38		
3	64QAM	1	0	20.14	20.26	20.15		
3	64QAM	1	8	20.22	20.38	20.37	21.5	0
3	64QAM	1	14	20.18	20.27	20.32		
3	64QAM	8	0	20.09	20.27	20.25		
3	64QAM	8	4	20.35	20.34	20.28	21.5	0
3	64QAM	8	7	20.26	20.30	20.30		
3	64QAM	15	0	20.07	20.23	20.21		
			Channel	18607	18900	19193	Tune-up limit	MPR (dB)
			Frequency (MHz)	1850.7	1880	1909.3		
1.4	QPSK	1	0	20.39	20.32	20.33		
1.4	QPSK	1	3	20.26	20.33	20.38	21.5	0
1.4	QPSK	1	5	20.18	20.22	20.18		
1.4	QPSK	3	0	20.33	20.40	20.29		
1.4	QPSK	3	1	20.22	20.28	20.38		
1.4	QPSK	3	3	20.13	20.23	20.19		
1.4	QPSK	6	0	20.39	20.38	20.35	21.5	0
1.4	16QAM	1	0	20.21	20.38	20.33		
1.4	16QAM	1	3	20.17	20.27	20.15		
1.4	16QAM	1	5	20.36	20.41	20.39	21.5	0
1.4	16QAM	3	0	20.14	20.31	20.36		
1.4	16QAM	3	1	20.07	20.24	20.20		
1.4	16QAM	3	3	20.37	20.36	20.29		
1.4	16QAM	6	0	20.18	20.35	20.37	21.5	0
1.4	64QAM	1	0	20.11	20.22	20.16		
1.4	64QAM	1	3	20.37	20.37	20.33		
1.4	64QAM	1	5	20.18	20.30	20.30	21.5	0
1.4	64QAM	3	0	20.16	20.32	20.24		
1.4	64QAM	3	1	20.37	20.39	20.28		
1.4	64QAM	3	3	20.23	20.34	20.30		
1.4	64QAM	6	0	20.08	20.24	20.22	21.5	0

LTE Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
			Channel	20050	20175	20300		
			Frequency (MHz)	1720	1732.5	1745		
20	QPSK	1	0	15.64	15.78	15.74		
20	QPSK	1	49	15.54	15.54	15.57	16.5	0
20	QPSK	1	99	15.50	15.57	15.63		
20	QPSK	50	0	15.63	15.72	15.67		
20	QPSK	50	24	15.68	15.66	15.67	16.5	0
20	QPSK	50	50	15.55	15.70	15.68		
20	QPSK	100	0	15.59	15.74	15.66		
20	16QAM	1	0	15.61	15.63	15.65		
20	16QAM	1	49	15.55	15.49	15.49	16.5	0
20	16QAM	1	99	15.63	15.69	15.65		
20	16QAM	50	0	15.50	15.71	15.64		
20	16QAM	50	24	15.65	15.49	15.65	16.5	0
20	16QAM	50	50	15.74	15.70	15.47		
20	16QAM	100	0	15.73	15.47	15.60		
20	64QAM	1	0	15.71	15.54	15.76		
20	64QAM	1	49	15.48	15.62	15.42	16.5	0
20	64QAM	1	99	15.60	15.61	15.52		
20	64QAM	50	0	15.64	15.50	15.48		
20	64QAM	50	24	15.73	15.71	15.52	16.5	0
20	64QAM	50	50	15.64	15.67	15.71		
20	64QAM	100	0	15.65	15.50	15.62		
			Channel	20025	20175	20325	Tune-up limit	MPR (dB)
			Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	15.70	15.71	15.70		
15	QPSK	1	37	15.45	15.49	15.49	16.5	0
15	QPSK	1	74	15.48	15.56	15.65		
15	QPSK	36	0	15.64	15.62	15.61		
15	QPSK	36	20	15.61	15.56	15.59	16.5	0
15	QPSK	36	39	15.60	15.70	15.61		
15	QPSK	75	0	15.55	15.62	15.56		
15	16QAM	1	0	15.60	15.65	15.62		
15	16QAM	1	37	15.43	15.40	15.47	16.5	0
15	16QAM	1	74	15.60	15.65	15.65		
15	16QAM	36	0	15.43	15.58	15.40		
15	16QAM	36	20	15.65	15.49	15.63	16.5	0
15	16QAM	36	39	15.65	15.63	15.47		
15	16QAM	75	0	15.70	15.46	15.57		
15	64QAM	1	0	15.60	15.47	15.64		
15	64QAM	1	37	15.52	15.53	15.61	16.5	0
15	64QAM	1	74	15.55	15.61	15.51		
15	64QAM	36	0	15.56	15.41	15.36		
15	64QAM	36	20	15.62	15.68	15.52	16.5	0
15	64QAM	36	39	15.65	15.68	15.47		
15	64QAM	75	0	15.63	15.55	15.60		
			Channel	20000	20175	20350	Tune-up limit	MPR (dB)
			Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	15.67	15.76	15.72		
10	QPSK	1	25	15.49	15.52	15.59	16.5	0
10	QPSK	1	49	15.46	15.56	15.64		
10	QPSK	25	0	15.61	15.65	15.70		
10	QPSK	25	12	15.61	15.53	15.64	16.5	0
10	QPSK	25	25	15.56	15.68	15.65		
10	QPSK	50	0	15.56	15.64	15.59		
10	16QAM	1	0	15.58	15.56	15.56		
10	16QAM	1	25	15.43	15.48	15.46	16.5	0
10	16QAM	1	49	15.66	15.68	15.66		
10	16QAM	25	0	15.52	15.59	15.42		
10	16QAM	25	12	15.65	15.47	15.65	16.5	0
10	16QAM	25	25	15.65	15.62	15.51		
10	16QAM	50	0	15.68	15.47	15.48		
10	64QAM	1	0	15.66	15.49	15.71		
10	64QAM	1	25	15.45	15.54	15.65	16.5	0
10	64QAM	1	49	15.54	15.65	15.53		
10	64QAM	25	0	15.56	15.41	15.39		
10	64QAM	25	12	15.72	15.67	15.48	16.5	0
10	64QAM	25	25	15.60	15.69	15.67		
10	64QAM	50	0	15.69	15.54	15.48		
			Channel	19975	20175	20375	Tune-up limit	MPR (dB)
			Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	15.69	15.67	15.68		
5	QPSK	1	12	15.49	15.59	15.63	16.5	0
5	QPSK	1	24	15.45	15.59	15.63		
5	QPSK	12	0	15.63	15.65	15.69		
5	QPSK	12	7	15.57	15.55	15.65	16.5	0
5	QPSK	12	13	15.58	15.66	15.61		
5	QPSK	25	0	15.57	15.68	15.63		
5	16QAM	1	0	15.60	15.65	15.56		
5	16QAM	1	12	15.43	15.39	15.45	16.5	0
5	16QAM	1	24	15.63	15.62	15.66		
5	16QAM	12	0	15.45	15.62	15.40		
5	16QAM	12	7	15.66	15.48	15.57	16.5	0
5	16QAM	12	13	15.66	15.56	15.70		
5	16QAM	25	0	15.61	15.51	15.55		
5	64QAM	1	0	15.59	15.53	15.66		
5	64QAM	1	12	15.46	15.58	15.61	16.5	0
5	64QAM	1	24	15.55	15.66	15.52		
5	64QAM	12	0	15.56	15.41	15.38		
5	64QAM	12	7	15.69	15.59	15.48	16.5	0
5	64QAM	12	13	15.57	15.59	15.67		
5	64QAM	25	0	15.61	15.49	15.59		
			Channel	19965	20175	20385	Tune-up limit	MPR (dB)
			Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	15.67	15.74	15.65		
3	QPSK	1	8	15.45	15.48	15.57	16.5	0
3	QPSK	1	14	15.48	15.53	15.57		
3	QPSK	8	0	15.61	15.73	15.62		
3	QPSK	8	4	15.62	15.57	15.60	16.5	0
3	QPSK	8	7	15.53	15.63	15.66		
3	QPSK	15	0	15.64	15.68	15.64		
3	16QAM	1	0	15.64	15.67	15.58		
3	16QAM	1	8	15.52	15.49	15.42	16.5	0
3	16QAM	1	14	15.59	15.65	15.60		
3	16QAM	8	0	15.49	15.63	15.42		
3	16QAM	8	4	15.68	15.48	15.68	16.5	0
3	16QAM	8	7	15.60	15.66	15.52		
3	16QAM	15	0	15.70	15.46	15.52		
3	64QAM	1	0	15.60	15.45	15.66		
3	64QAM	1	8	15.46	15.61	15.64	16.5	0
3	64QAM	1	14	15.52	15.67	15.50		
3	64QAM	8	0	15.53	15.51	15.38		
3	64QAM	8	4	15.67	15.59	15.61	16.5	0
3	64QAM	8	7	15.67	15.65	15.61		
3	64QAM	15	0	15.57	15.44	15.66		
			Channel	19957	20175	20393	Tune-up limit	MPR (dB)
			Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.64	15.73	15.63		
1.4	QPSK	1	3	15.43	15.53	15.54		
1.4	QPSK	1	5	15.43	15.55	15.56	16.5	0
1.4	QPSK	3	0	15.65	15.67	15.60		
1.4	QPSK	3	1	15.60	15.56	15.56		
1.4	QPSK	3	3	15.52	15.61	15.61		
1.4	QPSK	6	0	15.56	15.63	15.60	16.5	0
1.4	16QAM	1	0	15.65	15.58	15.57		
1.4	16QAM	1	3	15.48	15.45	15.46		
1.4	16QAM	1	5	15.56	15.71	15.34	16.5	0
1.4	16QAM	3	0	15.52	15.65	15.34		
1.4	16QAM	3	1	15.60	15.39	15.65		
1.4	16QAM	3	3	15.69	15.64	15.48		
1.4	16QAM	6	0	15.65	15.47	15.62	16.5	0
1.4	64QAM	1	0	15.63	15.43	15.71		
1.4	64QAM	1	3	15.43	15.59	15.64		
1.4	64QAM	1	5	15.57	15.57	15.55	16.5	0
1.4	64QAM	3	0	15.60	15.41	15.45		
1.4	64QAM	3	1	15.67	15.66	15.46		
1.4	64QAM	3	3	15.66	15.54	15.65		
1.4	64QAM	6	0	15.60	15.54	15.70	16.5	0

LTE Band 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
			Channel	20450	20525	20600		
			Frequency (MHz)	829	836.5	844		
10	QPSK	1	0	23.01	23.15	23.11		
10	QPSK	1	25	22.90	23.04	22.95	24	0
10	QPSK	1	49	22.97	22.87	23.13		
10	QPSK	25	0	22.13	22.18	22.06		
10	QPSK	25	12	21.89	22.14	22.08	23	1
10	QPSK	25	25	22.00	22.16	22.13		
10	QPSK	50	0	21.96	22.14	22.02		
10	16QAM	1	0	22.09	22.19	22.21		
10	16QAM	1	25	21.96	22.09	22.06	23	1
10	16QAM	1	49	21.97	22.10	22.26		
10	16QAM	25	0	21.12	21.13	21.09		
10	16QAM	25	12	21.10	21.12	21.25	22	2
10	16QAM	25	25	20.96	21.03	21.17		
10	16QAM	50	0	21.07	21.08			
10	64QAM	1	0	21.09	21.13	21.11		
10	64QAM	1	25	20.91	21.18	21.24	22	2
10	64QAM	1	49	20.99	21.07	21.21		
10	64QAM	25	0	20.05	20.02	20.08		
10	64QAM	25	12	20.12	19.97	20.10	21	3
10	64QAM	25	25	19.98	20.02	20.12		
10	64QAM	50	0	19.99	20.09	20.08		
			Channel	20425	20525	20625	Tune-up limit	MPR (dB)
			Frequency (MHz)	826.5	836.5	846.5		
5	QPSK	1	0	22.95	22.94	22.98		
5	QPSK	1	12	22.85	22.94	22.78	24	0
5	QPSK	1	24	22.89	22.69	23.10		
5	QPSK	12	0	22.01	22.05	21.92		
5	QPSK	12	7	21.86	21.96	21.88	23	1
5	QPSK	12	13	21.86	22.01	21.92		
5	QPSK	25	0	21.86	21.94	22.01		
5	16QAM	1	0	22.00	22.01	22.19		
5	16QAM	1	12	21.86	21.99	21.93	23	1
5	16QAM	1	24	21.80	21.90	22.20		
5	16QAM	12	0	20.98	20.91	20.97		
5	16QAM	12	7	21.04	21.08	21.24	22	2
5	16QAM	12	13	20.79	21.01	21.00		
5	16QAM	25	0	20.92	20.87	21.03		
5	64QAM	1	0	21.03	21.05	20.94		
5	64QAM	1	12	20.93	21.06	21.06	22	2
5	64QAM	1	24	20.86	21.02	21.18		
5	64QAM	12	0	20.07	19.93	20.04		
5	64QAM	12	7	20.10	19.78	20.11	21	3
5	64QAM	12	13	19.80	19.85	20.02		
5	64QAM	25	0	19.81	20.02	19.97		
			Channel	20415	20525	20635	Tune-up limit	MPR (dB)
			Frequency (MHz)	825.5	836.5	847.5		
3	QPSK	1	0	22.91	22.98	22.92		
3	QPSK	1	8	22.85	22.90	22.77	24	0
3	QPSK	1	14	22.86	22.82	23.13		
3	QPSK	8	0	22.01	22.00	21.92		
3	QPSK	8	4	21.75	22.07	21.91	23	1
3	QPSK	8	7	21.94	22.12	21.98		
3	QPSK	15	0	21.81	21.97	22.01		
3	16QAM	1	0	22.09	22.18	22.00		
3	16QAM	1	8	21.88	21.91	21.96	23	1
3	16QAM	1	14	21.86	22.08	22.17		
3	16QAM	8	0	20.91	21.09	20.91		
3	16QAM	8	4	20.95	21.08	21.18	22	2
3	16QAM	8	7	20.84	20.97	21.15		
3	16QAM	15	0	20.78	21.00	20.93		
3	64QAM	1	0	21.11	21.04	20.91		
3	64QAM	1	8	20.93	21.07	21.20	22	2
3	64QAM	1	14	20.91	21.02	21.06		
3	64QAM	8	0	19.93	19.78	20.09		
3	64QAM	8	4	20.01	19.78	20.31	21	3
3	64QAM	8	7	19.83	19.90	20.05		
3	64QAM	15	0	19.95	20.08	19.93		
			Channel	20407	20525	20643	Tune-up limit	MPR (dB)
			Frequency (MHz)	824.7	836.5	848.3		
1.4	QPSK	1	0	22.89	23.10	23.04		
1.4	QPSK	1	3	22.92	22.83	22.82	24	0
1.4	QPSK	1	5	22.79	22.81	22.94		
1.4	QPSK	3	0	22.85	23.09	23.12		
1.4	QPSK	3	1	22.80	23.05	22.85		
1.4	QPSK	3	3	22.75	22.76	23.06		
1.4	QPSK	6	0	21.78	22.14	21.93	23	1
1.4	16QAM	1	0	22.05	22.06	22.06		
1.4	16QAM	1	3	21.94	21.95	21.98		
1.4	16QAM	1	5	21.90	22.03	22.17	23	1
1.4	16QAM	3	0	21.95	22.15	22.00		
1.4	16QAM	3	1	21.79	22.09	21.87		
1.4	16QAM	3	3	21.99	22.02	21.89		
1.4	16QAM	6	0	20.77	20.99	21.03	22	2
1.4	64QAM	1	0	21.04	21.02	20.98		
1.4	64QAM	1	3	20.74	21.17	21.13		
1.4	64QAM	1	5	20.85	21.08	21.08	22	2
1.4	64QAM	3	0	21.11	21.10	20.98		
1.4	64QAM	3	1	21.03	20.91	21.16		
1.4	64QAM	3	3	20.83	21.04	21.02		
1.4	64QAM	6	0	19.99	19.95	19.97	21	3

LTE Band 7

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	16.61	16.64	16.59		
20	QPSK	1	49	16.58	16.59	16.51	17.5	0
20	QPSK	1	99	16.46	16.59	16.55		
20	QPSK	50	0	16.59	16.62	16.56		
20	QPSK	50	24	16.46	16.61	16.55	17.5	0
20	QPSK	50	50	16.42	16.51	16.53		
20	QPSK	100	0	16.56	16.58	16.54		
20	16QAM	1	0	16.54	16.60	16.61		
20	16QAM	1	49	16.54	16.63	16.54	17.5	0
20	16QAM	1	99	16.58	16.59	16.61		
20	16QAM	50	0	16.48	16.44	16.58		
20	16QAM	50	24	16.50	16.52	16.58	17.5	0
20	16QAM	50	50	16.54	16.56	16.62		
20	16QAM	100	0	16.56	16.55	16.54		
20	64QAM	1	0	16.59	16.58	16.46		
20	64QAM	1	49	16.62	16.58	16.58	17.5	0
20	64QAM	1	99	16.50	16.59	16.52		
20	64QAM	50	0	16.48	16.36	16.31		
20	64QAM	50	24	16.48	16.43	16.48	17.5	0
20	64QAM	50	50	16.54	16.56	16.34		
20	64QAM	100	0	16.53	16.38			
Channel				20825	21100	21375	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.56	16.57	16.53		
15	QPSK	1	37	16.61	16.37	16.37	17.5	0
15	QPSK	1	74	16.39	16.43	16.46		
15	QPSK	36	0	16.56	16.49	16.37		
15	QPSK	36	20	16.31	16.47	16.46	17.5	0
15	QPSK	36	39	16.21	16.46	16.35		
15	QPSK	75	0	16.37	16.43	16.47		
15	16QAM	1	0	16.44	16.53	16.44		
15	16QAM	1	37	16.39	16.57	16.38	17.5	0
15	16QAM	1	74	16.53	16.53	16.52		
15	16QAM	36	0	16.27	16.30	16.44		
15	16QAM	36	20	16.30	16.36	16.40	17.5	0
15	16QAM	36	39	16.47	16.26	16.44		
15	16QAM	75	0	16.44	16.53	16.34		
15	64QAM	1	0	16.37	16.40	16.43		
15	64QAM	1	37	16.49	16.37	16.47	17.5	0
15	64QAM	1	74	16.47	16.50	16.42		
15	64QAM	36	0	16.33	16.55	16.18		
15	64QAM	36	20	16.58	16.61	16.48	17.5	0
15	64QAM	36	39	16.33	16.36	16.19		
15	64QAM	75	0	16.54	16.33	16.22		
Channel				20800	21100	21400	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.40	16.44	16.48		
10	QPSK	1	25	16.48	16.48	16.41	17.5	0
10	QPSK	1	49	16.31	16.34	16.44		
10	QPSK	25	0	16.42	16.45	16.48		
10	QPSK	25	12	16.37	16.58	16.53	17.5	0
10	QPSK	25	25	16.35	16.30	16.45		
10	QPSK	50	0	16.54	16.47	16.51		
10	16QAM	1	0	16.36	16.51	16.45		
10	16QAM	1	25	16.49	16.56	16.32	17.5	0
10	16QAM	1	49	16.49	16.41	16.43		
10	16QAM	25	0	16.27	16.34	16.55		
10	16QAM	25	12	16.39	16.40	16.51	17.5	0
10	16QAM	25	25	16.36	16.42	16.52		
10	16QAM	50	0	16.47	16.35	16.39		
10	64QAM	1	0	16.42	16.43	16.35		
10	64QAM	1	25	16.53	16.37	16.49	17.5	0
10	64QAM	1	49	16.42	16.57	16.36		
10	64QAM	25	0	16.41	16.57	16.20		
10	64QAM	25	12	16.51	16.63	16.35	17.5	0
10	64QAM	25	25	16.34	16.55	16.13		
10	64QAM	50	0	16.48	16.36	16.33		
Channel				20775	21100	21425	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.44	16.48	16.50		
5	QPSK	1	3	16.51	16.56	16.32	17.5	0
5	QPSK	1	24	16.24	16.29	16.40		
5	QPSK	12	0	16.45	16.60	16.43		
5	QPSK	12	7	16.38	16.49	16.53	17.5	0
5	QPSK	12	13	16.25	16.42	16.49		
5	QPSK	25	0	16.44	16.55	16.48		
5	16QAM	1	0	16.41	16.54	16.39		
5	16QAM	1	12	16.35	16.54	16.39	17.5	0
5	16QAM	1	24	16.36	16.42	16.59		
5	16QAM	12	0	16.32	16.35	16.41		
5	16QAM	12	7	16.45	16.45	16.44	17.5	0
5	16QAM	12	13	16.50	16.36	16.47		
5	16QAM	25	0	16.46	16.37	16.36		
5	64QAM	1	0	16.39	16.46	16.32		
5	64QAM	1	12	16.47	16.40	16.36	17.5	0
5	64QAM	1	24	16.32	16.45	16.30		
5	64QAM	12	0	16.37	16.59	16.17		
5	64QAM	12	7	16.48	16.60	16.38	17.5	0
5	64QAM	12	13	16.52	16.39	16.32		
5	64QAM	25	0	16.53	16.38	16.38		

LTE Band 12

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	23.15	23.20	23.15		
10	QPSK	1	25	23.03	23.14	22.95	24	0
10	QPSK	1	49	22.96	23.10	23.00		
10	QPSK	25	0	22.05	22.25	22.04		
10	QPSK	25	12	22.05	22.18	22.16	23	1
10	QPSK	25	25	22.20	22.21	22.10		
10	QPSK	50	0	22.23	22.24	22.08		
10	16QAM	1	0	22.12	22.24	22.11		
10	16QAM	1	25	22.19	22.29	22.09	23	1
10	16QAM	1	49	22.13	22.29	22.15		
10	16QAM	25	0	21.23	21.11	21.19		
10	16QAM	25	12	21.22	21.32	21.11	22	2
10	16QAM	25	25	21.06	21.17	21.23		
10	16QAM	50	0	21.07	21.30	21.04		
10	64QAM	1	0	21.25	21.32	21.25		
10	64QAM	1	25	21.08	21.10	21.16	22	2
10	64QAM	1	49	21.13	21.22	21.18		
10	64QAM	25	0	20.08	20.21	20.23		
10	64QAM	25	12	20.24	20.17	20.07	21	3
10	64QAM	25	25	20.09	20.08	20.19		
10	64QAM	50	0	20.08	20.21	20.13		
Channel				23035	23095	23155	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.00	23.16	23.00		
5	QPSK	1	12	22.82	22.96	22.89	24	0
5	QPSK	1	24	22.89	23.08	22.99		
5	QPSK	12	0	21.87	22.15	21.96		
5	QPSK	12	7	22.04	22.00	22.14	23	1
5	QPSK	12	13	22.06	22.03	21.95		
5	QPSK	25	0	22.20	22.21	21.90		
5	16QAM	1	0	22.01	22.13	22.10		
5	16QAM	1	12	22.06	22.14	22.06	23	1
5	16QAM	1	24	22.11	22.20	22.06		
5	16QAM	12	0	21.05	20.90	21.13		
5	16QAM	12	7	21.13	21.12	21.11	22	2
5	16QAM	12	13	21.06	21.04	21.23		
5	16QAM	25	0	21.08	21.19	20.88		
5	64QAM	1	0	21.27	21.19	21.17		
5	64QAM	1	12	21.02	20.98	21.14	22	2
5	64QAM	1	24	20.91	21.04	21.10		
5	64QAM	12	0	19.93	20.13	20.15		
5	64QAM	12	7	20.23	20.17	19.92	21	3
5	64QAM	12	13	19.94	20.20	20.16		
5	64QAM	25	0	19.88	20.19	20.12		
Channel				23025	23095	23165	Tune-up limit	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.96	23.02	22.97		
3	QPSK	1	8	22.89	23.05	22.81	24	0
3	QPSK	1	14	22.95	23.00	22.98		
3	QPSK	8	0	21.90	22.15	21.91		
3	QPSK	8	4	21.98	22.03	22.01	23	1
3	QPSK	8	7	22.00	22.06	22.11		
3	QPSK	15	0	22.18	22.23	22.01		
3	16QAM	1	0	22.13	22.25	22.11		
3	16QAM	1	8	22.00	22.31	22.09	23	1
3	16QAM	1	14	21.96	22.22	22.11		
3	16QAM	8	0	21.15	21.12	21.19		
3	16QAM	8	4	21.20	21.17	21.04	22	2
3	16QAM	8	7	20.91	21.04	21.16		
3	16QAM	15	0	21.03	21.19	20.94		
3	64QAM	1	0	21.10	21.31	21.20		
3	64QAM	1	8	21.06	21.09	21.13	22	2
3	64QAM	1	14	20.97	21.17	21.00		
3	64QAM	8	0	20.09	20.13	20.11		
3	64QAM	8	4	20.03	19.99	19.89	21	3
3	64QAM	8	7	20.00	20.06	20.09		
3	64QAM	15	0	19.89	20.11	19.94		
Channel				23017	23095	23173	Tune-up limit	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.16	23.09	23.12		
1.4	QPSK	1	3	22.92	22.96	22.75	24	0
1.4	QPSK	1	5	22.98	23.08	22.93		
1.4	QPSK	3	0	23.10	23.16	23.13		
1.4	QPSK	3	1	23.04	23.05	22.85		
1.4	QPSK	3	3	22.96	23.06	22.93		
1.4	QPSK	6	0	22.10	22.05	21.89	23	1
1.4	16QAM	1	0	22.13	22.17	21.81		
1.4	16QAM	1	3	22.04	22.12	22.01		
1.4	16QAM	1	5	22.09	22.16	21.94	23	1
1.4	16QAM	3	0	22.05	22.19	21.93		
1.4	16QAM	3	1	22.06	22.04	22.00		
1.4	16QAM	3	3	22.09	22.12	21.90		
1.4	16QAM	6	0	21.01	21.13	20.98	22	2
1.4	64QAM	1	0	21.26	21.28	21.06		
1.4	64QAM	1	3	20.88	21.04	21.09		
1.4	64QAM	1	5	20.94	21.05	21.15	22	2
1.4	64QAM	3	0	21.06	21.11	21.18		
1.4	64QAM	3	1	21.03	21.26	21.02		
1.4	64QAM	3	3	21.15	21.33	21.14		
1.4	64QAM	6	0	19.91	20.18	19.99	21	3

LTE Band 13

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)					762			
10	QPSK	1	0		22.83			
10	QPSK	1	25		22.52		24	0
10	QPSK	1	49		22.69			
10	QPSK	25	0		21.82			
10	QPSK	25	12		21.63		23	1
10	QPSK	25	25		21.80			
10	QPSK	50	0		21.78			
10	16QAM	1	0		21.83			
10	16QAM	1	25		21.72		23	1
10	16QAM	1	49		21.80			
10	16QAM	25	0		20.69			
10	16QAM	25	12		20.93		22	2
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.76			
10	64QAM	1	0		20.79			
10	64QAM	1	25		20.54		22	2
10	64QAM	1	49		20.80			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.79		21	3
10	64QAM	25	25		19.52			
10	64QAM	50	0		19.69			
Channel				23205	23230	23255	Tune-up limit	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.82	22.66	22.78		
5	QPSK	1	24	22.45	22.36	22.36	24	0
5	QPSK	25	0	22.69	22.48	22.63		
5	QPSK	12	0	21.62	21.81	21.80		
5	QPSK	12	7	21.57	21.51	21.44	23	1
5	QPSK	12	13	21.70	21.78	21.62		
5	QPSK	25	0	21.69	21.56	21.90		
5	16QAM	1	0	21.71	21.80	21.71		
5	16QAM	1	12	21.71	21.59	21.54	23	1
5	16QAM	1	24	21.64	21.60	21.67		
5	16QAM	12	0	20.53	20.57	20.66		
5	16QAM	12	7	20.79	20.91	20.76	22	2
5	16QAM	12	13	20.42	20.44	20.58		
5	16QAM	25	0	20.63	20.62	20.65		
5	64QAM	1	0	20.65	20.76	20.67		
5	64QAM	1	12	20.49	20.40	20.50	22	2
5	64QAM	1	24	20.59	20.67	20.62		
5	64QAM	12	0	19.55	19.60	19.44		
5	64QAM	12	7	19.65	19.68	19.73	21	3
5	64QAM	12	13	19.54	19.53	19.34		
5	64QAM	25	0	19.56	19.55	19.49		

LTE Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
			Channel	23780	23790	23800		
			Frequency (MHz)	709	710	711		
10	QPSK	1	0	22.98	23.14	23.06	24	0
10	QPSK	1	25	22.87	23.01	22.83		
10	QPSK	1	49	22.97	23.11	22.83		
10	QPSK	25	0	21.84	22.13	22.00	23	1
10	QPSK	25	12	21.84	21.98	22.07		
10	QPSK	25	25	22.01	22.08	22.10		
10	QPSK	50	0	22.10	22.14	22.05		
10	16QAM	1	0	22.07	22.18	22.03	23	1
10	16QAM	1	25	22.03	22.23	22.07		
10	16QAM	1	49	21.98	22.15	22.17		
10	16QAM	25	0	21.16	21.03	21.12	22	2
10	16QAM	25	12	21.13	21.29	21.13		
10	16QAM	25	25	20.94	20.95	21.03		
10	16QAM	50	0	21.01	21.28	20.94		
10	64QAM	1	0	21.17	21.22	21.23	22	2
10	64QAM	1	25	21.02	21.05	21.14		
10	64QAM	1	49	21.00	21.03	21.18		
10	64QAM	25	0	20.03	20.21	20.21	21	3
10	64QAM	25	12	20.19	20.12	19.95		
10	64QAM	25	25	19.93	20.08	20.19		
10	64QAM	50	0	19.92	20.07	19.97		
			Channel	23755	23790	23825	Tune-up limit	MPR (dB)
			Frequency (MHz)	706.5	710	713.5		
5	QPSK	1	0	22.97	23.00	22.97	24	0
5	QPSK	1	12	22.84	22.80	22.80		
5	QPSK	1	24	22.89	23.13	22.82		
5	QPSK	12	0	21.80	21.98	21.99	23	1
5	QPSK	12	7	21.76	21.80	21.99		
5	QPSK	12	13	21.95	22.00	22.04		
5	QPSK	25	0	21.99	22.02	21.92		
5	16QAM	1	0	22.10	22.15	22.00	23	1
5	16QAM	1	12	21.94	22.13	21.93		
5	16QAM	1	24	21.97	22.10	22.03		
5	16QAM	12	0	21.07	20.95	21.07	22	2
5	16QAM	12	7	20.95	21.08	20.91		
5	16QAM	12	13	20.83	20.83	20.85		
5	16QAM	25	0	20.82	20.89	20.77		
5	64QAM	1	0	20.99	21.00	21.14	22	2
5	64QAM	1	12	20.87	20.86	21.15		
5	64QAM	1	24	20.95	20.88	21.00		
5	64QAM	12	0	19.91	20.11	20.01	21	3
5	64QAM	12	7	20.08	19.93	19.95		
5	64QAM	12	13	19.78	20.00	20.12		
5	64QAM	25	0	19.89	20.04	19.88		

LTE Band 26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
			Channel	26765	26865	26965		
			Frequency (MHz)	821.5	831.5	841.5		
15	QPSK	1	0	22.90	23.17	23.01	24	0
15	QPSK	1	37	22.75	23.00	22.87		
15	QPSK	1	74	22.90	22.84	22.91		
15	QPSK	36	0	22.04	22.11	22.06	23	1
15	QPSK	36	20	22.91	21.97	22.10		
15	QPSK	36	39	21.86	22.08	22.10		
15	QPSK	75	0	21.87	22.02	21.97		
15	16QAM	1	0	22.07	22.05	22.21	23	1
15	16QAM	1	37	21.78	22.07	22.06		
15	16QAM	1	74	21.92	21.88	22.18		
15	16QAM	36	0	20.99	21.14	20.90	22	2
15	16QAM	36	20	20.99	20.92	21.25		
15	16QAM	36	39	20.82	20.97	21.12		
15	16QAM	75	0	20.87	20.99	21.03		
15	64QAM	1	0	20.89	21.02	20.94	22	2
15	64QAM	1	37	20.87	20.99	21.23		
15	64QAM	1	74	20.95	20.98	21.11		
15	64QAM	36	0	20.01	19.87	20.09	21	3
15	64QAM	36	20	20.03	19.76	20.10		
15	64QAM	36	39	19.85	19.90	19.96		
15	64QAM	75	0	19.79	19.94	19.91		
			Channel	26740	26865	26990	Tune-up limit	MPR (dB)
			Frequency (MHz)	819	831.5	844		
10	QPSK	1	0	22.69	23.04	22.80	24	0
10	QPSK	1	25	22.62	22.86	22.85		
10	QPSK	1	49	22.82	22.74	22.70		
10	QPSK	25	0	22.02	21.90	21.86	23	1
10	QPSK	25	12	21.71	21.84	21.98		
10	QPSK	25	25	21.72	21.94	22.06		
10	QPSK	50	0	21.66	21.94	21.79		
10	16QAM	1	0	21.93	22.01	22.19	23	1
10	16QAM	1	25	21.73	22.09	21.95		
10	16QAM	1	49	21.73	21.89	21.98		
10	16QAM	25	0	20.94	21.08	20.87	22	2
10	16QAM	25	12	20.82	20.79	21.08		
10	16QAM	25	25	20.61	20.85	21.02		
10	16QAM	50	0	20.82	20.81	20.90		
10	64QAM	1	0	20.77	20.95	20.82	22	2
10	64QAM	1	25	20.86	20.89	21.10		
10	64QAM	1	49	20.86	20.77	21.10		
10	64QAM	25	0	19.80	19.81	20.10	21	3
10	64QAM	25	12	19.83	19.68	20.08		
10	64QAM	25	25	19.64	19.87	19.89		
10	64QAM	50	0	19.71	19.73	19.77		
			Channel	26705	26865	27015	Tune-up limit	MPR (dB)
			Frequency (MHz)	816.5	831.5	846.5		
5	QPSK	1	0	22.70	23.04	23.03	24	0
5	QPSK	1	12	22.56	22.90	22.90		
5	QPSK	1	24	22.69	22.82	22.90		
5	QPSK	12	0	21.95	22.04	22.01	23	1
5	QPSK	12	7	21.90	21.92	21.88		
5	QPSK	12	13	21.68	21.79	21.93		
5	QPSK	25	0	21.79	22.00	21.94		
5	16QAM	1	0	22.03	21.91	22.14	23	1
5	16QAM	1	12	21.74	22.05	21.91		
5	16QAM	1	24	21.83	21.78	22.02		
5	16QAM	12	0	20.78	21.11	20.85	22	2
5	16QAM	12	7	21.00	20.80	21.11		
5	16QAM	12	13	20.82	20.83	20.98		
5	16QAM	25	0	20.67	20.88	20.94		
5	64QAM	1	0	20.82	20.96	20.77	22	2
5	64QAM	1	12	20.70	20.96	21.09		
5	64QAM	1	24	20.90	20.93	21.03		
5	64QAM	12	0	19.89	19.70	20.02	21	3
5	64QAM	12	7	19.90	19.57	19.95		
5	64QAM	12	13	19.82	19.91	19.75		
5	64QAM	25	0	19.72	19.91	19.81		
			Channel	26705	26865	27025	Tune-up limit	MPR (dB)
			Frequency (MHz)	815.5	831.5	847.5		
3	QPSK	1	0	22.71	23.10	22.85	24	0
3	QPSK	1	8	22.68	22.91	22.71		
3	QPSK	1	14	22.86	22.81	22.87		
3	QPSK	8	0	21.98	22.07	21.99	23	1
3	QPSK	8	4	21.73	21.89	22.07		
3	QPSK	8	7	21.78	22.00	22.05		
3	QPSK	15	0	21.73	21.91	21.83		
3	16QAM	1	0	22.04	22.03	22.15	23	1
3	16QAM	1	8	21.77	21.90	22.04		
3	16QAM	1	14	21.74	21.76	22.03		
3	16QAM	8	0	21.00	21.14	20.92	22	2
3	16QAM	8	4	20.93	20.91	21.12		
3	16QAM	8	7	20.82	20.95	20.90		
3	16QAM	15	0	20.80	20.97	20.86		
3	64QAM	1	0	20.89	20.88	20.73	22	2
3	64QAM	1	8	20.76	20.84	21.07		
3	64QAM	1	14	20.87	20.91	21.01		
3	64QAM	8	0	19.83	19.81	19.96	21	3
3	64QAM	8	4	19.66	20.00			
3	64QAM	8	7	19.77	19.87	19.83		
3	64QAM	15	0	19.58	19.76	19.85		
			Channel	26697	26865	27033	Tune-up limit	MPR (dB)
			Frequency (MHz)	814.7	831.5	848.3		
1.4	QPSK	1	0	22.70	22.95	22.86	24	0
1.4	QPSK	1	3	22.81	22.79	22.72		
1.4	QPSK	1	5	22.64	22.67	22.94		
1.4	QPSK	3	0	22.78	22.89	22.96		
1.4	QPSK	3	1	22.69	23.03	22.80		
1.4	QPSK	3	3	22.72	22.56	22.91		
1.4	QPSK	6	0	21.79	21.96	21.85	23	1
1.4	16QAM	1	0	21.98	22.04	22.00		
1.4	16QAM	1	3	21.76	21.74	21.78		
1.4	16QAM	1	5	21.76	21.84	22.01		
1.4	16QAM	3	0	21.86	22.05	22.00	23	1
1.4	16QAM	3	1	21.72	21.99	21.85		
1.4	16QAM	3	3	21.82	21.87	21.95		
1.4	16QAM	6	0	20.56	20.83	20.86	22	2
1.4	64QAM	1	0	20.95	20.90	20.89		
1.4	64QAM	1	3	20.67	21.01	21.01		
1.4	64QAM	1	5	20.83	21.05	20.98		
1.4	64QAM	3	0	21.00	21.11	20.96	22	2
1.4	64QAM	3	1	20.82	20.78	21.04		
1.4	64QAM	3	3	20.70	20.87	20.91		
1.4	64QAM	6	0	20.00	19.81	19.87	21	3

LTE Band 66

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	15.76	15.80	15.78	16.5	0
20	QPSK	1	49	15.56	15.59	15.63		
20	QPSK	1	99	15.52	15.64	15.69		
20	QPSK	50	0	15.73	15.77	15.75	16.5	0
20	QPSK	50	24	15.72	15.66	15.71		
20	QPSK	50	50	15.65	15.74	15.74		
20	QPSK	100	0	15.70	15.75	15.70		
20	16QAM	1	0	15.71	15.72	15.70	16.5	0
20	16QAM	1	49	15.56	15.54	15.54		
20	16QAM	1	99	15.70	15.79	15.70		
20	16QAM	50	0	15.58	15.72	15.49	16.5	0
20	16QAM	50	24	15.76	15.53	15.73		
20	16QAM	50	50	15.76	15.71	15.59		
20	16QAM	100	0	15.71	15.75	15.49		
20	64QAM	1	0	15.74	15.59	15.77	16.5	0
20	64QAM	1	49	15.59	15.66	15.76		
20	64QAM	1	99	15.67	15.73	15.63		
20	64QAM	50	0	15.68	15.55	15.63	16.5	0
20	64QAM	50	24	15.78	15.74	15.61		
20	64QAM	50	50	15.71	15.75	15.73		
20	64QAM	100	0	15.73	15.60	15.74		
			Channel	132047	132322	132597	Tune-up limit	MPR (dB)
			Frequency (MHz)	1717.5	1745	1772.5		
15	QPSK	1	0	15.61	15.63	15.59	16.5	0
15	QPSK	1	37	15.52	15.43	15.56		
15	QPSK	1	74	15.48	15.64	15.53		
15	QPSK	36	0	15.62	15.68	15.68	16.5	0
15	QPSK	36	20	15.62	15.47	15.63		
15	QPSK	36	39	15.48	15.55	15.67		
15	QPSK	75	0	15.63	15.61	15.56		
15	16QAM	1	0	15.66	15.66	15.56	16.5	0
15	16QAM	1	37	15.47	15.49	15.64		
15	16QAM	1	74	15.61	15.74	15.64		
15	16QAM	36	0	15.42	15.53	15.30	16.5	0
15	16QAM	36	20	15.70	15.33	15.56		
15	16QAM	36	39	15.63	15.50	15.49		
15	16QAM	75	0	15.59	15.36	15.49		
15	64QAM	1	0	15.64	15.50	15.58	16.5	0
15	64QAM	1	37	15.53	15.60	15.58		
15	64QAM	1	74	15.62	15.50	15.47		
15	64QAM	36	0	15.62	15.50	15.37	16.5	0
15	64QAM	36	20	15.74	15.54	15.56		
15	64QAM	36	39	15.49	15.64	15.49		
15	64QAM	75	0	15.52	15.46	15.53		
			Channel	132222	132322	132622	Tune-up limit	MPR (dB)
			Frequency (MHz)	1715	1745	1775		
10	QPSK	1	0	15.65	15.58	15.75	16.5	0
10	QPSK	1	49	15.35	15.48	15.58		
10	QPSK	1	99	15.40	15.47	15.53		
10	QPSK	25	0	15.57	15.67	15.54	16.5	0
10	QPSK	25	12	15.65	15.53	15.68		
10	QPSK	25	25	15.60	15.59	15.59		
10	QPSK	50	0	15.57	15.67	15.54		
10	16QAM	1	0	15.64	15.60	15.58	16.5	0
10	16QAM	1	25	15.49	15.46	15.47		
10	16QAM	1	49	15.66	15.63	15.62		
10	16QAM	25	0	15.48	15.60	15.46	16.5	0
10	16QAM	25	12	15.73	15.44	15.61		
10	16QAM	25	25	15.67	15.53	15.45		
10	16QAM	50	0	15.58	15.46	15.51		
10	64QAM	1	0	15.61	15.56	15.74	16.5	0
10	64QAM	1	25	15.57	15.60	15.59		
10	64QAM	1	49	15.55	15.69	15.53		
10	64QAM	25	0	15.63	15.42	15.60	16.5	0
10	64QAM	25	12	15.75	15.52	15.62		
10	64QAM	25	25	15.57	15.60	15.68		
10	64QAM	50	0	15.52	15.56	15.61		
			Channel	131997	132322	132647	Tune-up limit	MPR (dB)
			Frequency (MHz)	1712.5	1745	1777.5		
5	QPSK	1	0	15.56	15.64	15.62	16.5	0
5	QPSK	1	12	15.48	15.53	15.51		
5	QPSK	1	24	15.37	15.54	15.49		
5	QPSK	12	0	15.62	15.65	15.72	16.5	0
5	QPSK	12	7	15.59	15.46	15.67		
5	QPSK	12	13	15.58	15.62	15.52		
5	QPSK	25	0	15.63	15.70	15.59		
5	16QAM	1	0	15.60	15.59	15.63	16.5	0
5	16QAM	1	12	15.52	15.33	15.52		
5	16QAM	1	24	15.60	15.55	15.49		
5	16QAM	12	0	15.40	15.60	15.41	16.5	0
5	16QAM	12	7	15.67	15.38	15.66		
5	16QAM	12	13	15.74	15.54	15.39		
5	16QAM	25	0	15.58	15.51	15.50		
5	64QAM	1	0	15.63	15.38	15.73	16.5	0
5	64QAM	1	12	15.47	15.50	15.62		
5	64QAM	1	24	15.46	15.68	15.45		
5	64QAM	12	0	15.57	15.40	15.37	16.5	0
5	64QAM	12	7	15.71	15.68	15.66		
5	64QAM	12	13	15.64	15.57	15.67		
5	64QAM	25	0	15.65	15.44	15.62		
			Channel	131987	132322	132657	Tune-up limit	MPR (dB)
			Frequency (MHz)	1711.5	1745	1778.5		
3	QPSK	1	0	15.47	15.59	15.63	16.5	0
3	QPSK	1	8	15.46	15.49	15.54		
3	QPSK	1	14	15.38	15.56	15.45		
3	QPSK	8	0	15.56	15.63	15.63	16.5	0
3	QPSK	8	4	15.55	15.49	15.69		
3	QPSK	8	7	15.58	15.56	15.43		
3	QPSK	15	0	15.56	15.69	15.56		
3	16QAM	1	0	15.62	15.61	15.57	16.5	0
3	16QAM	1	8	15.53	15.35	15.45		
3	16QAM	1	14	15.54	15.63	15.44		
3	16QAM	8	0	15.37	15.62	15.32	16.5	0
3	16QAM	8	4	15.61	15.41	15.61		
3	16QAM	8	7	15.74	15.56	15.40		
3	16QAM	15	0	15.56	15.53	15.47		
3	64QAM	1	0	15.58	15.34	15.75	16.5	0
3	64QAM	1	8	15.48	15.44	15.64		
3	64QAM	1	14	15.39	15.62	15.41		
3	64QAM	8	0	15.58	15.42	15.35	16.5	0
3	64QAM	8	4	15.61	15.61	15.40		
3	64QAM	8	7	15.60	15.49	15.65		
3	64QAM	15	0	15.59	15.38	15.55		
			Channel	131979	132322	132665	Tune-up limit	MPR (dB)
			Frequency (MHz)	1710.7	1745	1779.3		
1.4	QPSK	1	0	15.58	15.57	15.64	16.5	0
1.4	QPSK	1	3	15.50	15.54	15.46		
1.4	QPSK	1	5	15.38	15.51	15.41		
1.4	QPSK	3	0	15.54	15.57	15.70	16.5	0
1.4	QPSK	3	1	15.57	15.44	15.61		
1.4	QPSK	3	3	15.52	15.60	15.51		
1.4	QPSK	6	0	15.61	15.72	15.53		
1.4	16QAM	1	0	15.59	15.56	15.56	16.5	0
1.4	16QAM	1	3	15.47	15.26	15.49		
1.4	16QAM	1	5	15.58	15.67	15.42		
1.4	16QAM	3	0	15.37	15.57	15.33	16.5	0
1.4	16QAM	3	1	15.64	15.41	15.68		
1.4	16QAM	3	3	15.65	15.54	15.37		
1.4	16QAM	6	0	15.54	15.50	15.49	16.5	0
1.4	64QAM	1	0	15.55	15.37	15.72		
1.4	64QAM	1	3	15.49	15.53	15.59		
1.4	64QAM	1	5	15.39	15.60	15.39	16.5	0
1.4	64QAM	3	0	15.31	15.31	15.33		
1.4	64QAM	3	1	15.58	15.67	15.40		
1.4	64QAM	3	3	15.65	15.52	15.69		
1.4	64QAM	6	0	15.60	15.42	15.61	16.5	0

LTE Band 38

BW [MHz]	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	2810		
20	QPSK	1	0	17.62	17.65	17.60		
20	QPSK	1	49	17.49	17.52	17.43	18.5	0
20	QPSK	1	99	17.50	17.54	17.56		
20	QPSK	50	0	17.60	17.63	17.61		
20	QPSK	50	24	17.51	17.47	17.43	18.5	0
20	QPSK	50	50	17.55	17.59	17.44		
20	QPSK	100	0	17.56	17.61	17.59		
20	16QAM	1	0	17.47	17.60	17.40		
20	16QAM	1	49	17.63	17.43	17.55	18.5	0
20	16QAM	1	99	17.48	17.41	17.55		
20	16QAM	50	0	17.49	17.59	17.60		
20	16QAM	50	24	17.46	17.54	17.40	18.5	0
20	16QAM	50	50	17.56	17.42	17.54		
20	16QAM	100	0	17.56	17.58	17.51		
20	64QAM	1	0	17.44	17.42	17.57		
20	64QAM	1	49	17.60	17.63	17.54	18.5	0
20	64QAM	1	99	17.54	17.59	17.59		
20	64QAM	50	0	17.25	17.32	17.39		
20	64QAM	50	24	17.41	17.49	17.37	18.5	0
20	64QAM	50	50	17.37	17.40	17.43		
20	64QAM	100	0	17.38	17.39	17.33		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.55	17.62	17.47		
15	QPSK	1	37	17.30	17.38	17.36	18.5	0
15	QPSK	1	74	17.34	17.42	17.52		
15	QPSK	36	0	17.44	17.41	17.45		
15	QPSK	36	20	17.33	17.37	17.21	18.5	0
15	QPSK	36	39	17.44	17.40	17.39		
15	QPSK	75	0	17.36	17.44	17.56		
15	16QAM	1	0	17.32	17.49	17.35		
15	16QAM	1	37	17.60	17.37	17.52	18.5	0
15	16QAM	1	74	17.41	17.30	17.42		
15	16QAM	36	0	17.31	17.55	17.41		
15	16QAM	36	20	17.43	17.52	17.30	18.5	0
15	16QAM	36	39	17.40	17.36	17.47		
15	16QAM	75	0	17.41	17.54	17.32		
15	64QAM	1	0	17.28	17.34	17.40		
15	64QAM	1	37	17.46	17.55	17.36	18.5	0
15	64QAM	1	74	17.38	17.54	17.46		
15	64QAM	36	0	17.14	17.12	17.31		
15	64QAM	36	20	17.34	17.41	17.36	18.5	0
15	64QAM	36	39	17.17	17.23	17.32		
15	64QAM	75	0	17.24	17.44	17.26		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.47	17.51	17.43		
10	QPSK	1	25	17.42	17.38	17.23	18.5	0
10	QPSK	1	49	17.28	17.33	17.40		
10	QPSK	25	0	17.40	17.50	17.52		
10	QPSK	25	12	17.45	17.37	17.37	18.5	0
10	QPSK	25	25	17.40	17.50	17.38		
10	QPSK	50	0	17.34	17.43	17.42		
10	16QAM	1	0	17.28	17.52	17.36		
10	16QAM	1	25	17.55	17.30	17.49	18.5	0
10	16QAM	1	49	17.41	17.23	17.40		
10	16QAM	25	0	17.35	17.56	17.43		
10	16QAM	25	12	17.38	17.38	17.35	18.5	0
10	16QAM	25	25	17.48	17.25	17.42		
10	16QAM	50	0	17.52	17.42	17.47		
10	64QAM	1	0	17.35	17.28	17.36		
10	64QAM	1	25	17.51	17.53	17.52	18.5	0
10	64QAM	1	49	17.41	17.51	17.47		
10	64QAM	25	0	17.15	17.23	17.39		
10	64QAM	25	12	17.42	17.50	17.23	18.5	0
10	64QAM	25	25	17.22	17.27	17.21		
10	64QAM	50	0	17.23	17.35	17.30		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.51	17.52	17.38		
5	QPSK	1	12	17.28	17.43	17.22	18.5	0
5	QPSK	1	24	17.37	17.38	17.40		
5	QPSK	12	0	17.46	17.59	17.57		
5	QPSK	12	7	17.43	17.38	17.25	18.5	0
5	QPSK	12	13	17.47	17.54	17.32		
5	QPSK	25	0	17.46	17.47	17.44		
5	16QAM	1	0	17.31	17.43	17.28		
5	16QAM	1	12	17.42	17.36	17.51	18.5	0
5	16QAM	1	24	17.29	17.20	17.39		
5	16QAM	12	0	17.35	17.50	17.54		
5	16QAM	12	7	17.40	17.39	17.30	18.5	0
5	16QAM	12	13	17.35	17.32	17.34		
5	16QAM	25	0	17.36	17.49	17.47		
5	64QAM	1	0	17.40	17.23	17.45		
5	64QAM	1	12	17.57	17.58	17.47	18.5	0
5	64QAM	1	24	17.48	17.52	17.39		
5	64QAM	12	0	17.16	17.23	17.28		
5	64QAM	12	7	17.21	17.29	17.36	18.5	0
5	64QAM	12	13	17.34	17.41	17.34		
5	64QAM	25	0	17.20	17.27	17.20		

LTE Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Low Middle Ch./Freq	Power Middle Ch./Freq	Power High Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.69	17.73	17.77	17.75	17.71		
20	QPSK	1	49	17.67	17.53	17.59	17.67	17.46	18.5	0
20	QPSK	1	99	17.54	17.57	17.75	17.50	17.71		
20	QPSK	50	0	17.69	17.71	17.75	17.74	17.71		
20	QPSK	50	24	17.67	17.64	17.72	17.53	17.58	18.5	0
20	QPSK	50	50	17.51	17.58	17.58	17.65	17.74		
20	QPSK	100	0	17.52	17.47	17.71	17.52	17.69		
20	16QAM	1	0	17.48	17.75	17.75	17.56	17.60		
20	16QAM	1	49	17.59	17.69	17.60	17.68	17.72	18.5	0
20	16QAM	1	99	17.70	17.55	17.58	17.66	17.57		
20	16QAM	50	0	17.56	17.60	17.70	17.55	17.47		
20	16QAM	50	24	17.48	17.56	17.54	17.67	17.64	18.5	0
20	16QAM	50	50	17.70	17.75	17.59	17.57	17.76		
20	16QAM	100	0	17.48	17.57	17.67	17.64	17.61		
20	64QAM	1	0	17.75	17.70	17.53	17.48	17.55		
20	64QAM	1	49	17.48	17.63	17.64	17.71	17.56	18.5	0
20	64QAM	1	99	17.49	17.57	17.50	17.62	17.70		
20	64QAM	50	0	17.44	17.57	17.57	17.52	17.45		
20	64QAM	50	24	17.41	17.56	17.41	17.51	17.47	18.5	0
20	64QAM	50	50	17.46	17.54	17.50	17.38	17.47		
20	64QAM	100	0	17.54	17.45	17.53	17.43	17.36		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.54	17.64	17.67	17.71	17.58		
15	QPSK	1	37	17.64	17.44	17.55	17.51	17.33	18.5	0
15	QPSK	1	74	17.46	17.46	17.62	17.47	17.65		
15	QPSK	36	0	17.53	17.62	17.56	17.70	17.54		
15	QPSK	36	20	17.61	17.48	17.54	17.49	17.37	18.5	0
15	QPSK	36	39	17.39	17.35	17.45	17.56	17.67		
15	QPSK	75	0	17.44	17.43	17.60	17.44	17.65		
15	16QAM	1	0	17.43	17.55	17.59	17.38	17.49		
15	16QAM	1	37	17.42	17.60	17.48	17.56	17.65	18.5	0
15	16QAM	1	74	17.66	17.47	17.49	17.48	17.44		
15	16QAM	36	0	17.44	17.45	17.56	17.45	17.41		
15	16QAM	36	20	17.37	17.45	17.39	17.51	17.62	18.5	0
15	16QAM	36	39	17.62	17.60	17.48	17.48	17.66		
15	16QAM	75	0	17.27	17.43	17.58	17.43	17.41		
15	64QAM	1	0	17.62	17.51	17.46	17.30	17.45		
15	64QAM	1	37	17.40	17.51	17.59	17.53	17.43	18.5	0
15	64QAM	1	74	17.62	17.66	17.47	17.47	17.40		
15	64QAM	36	0	17.24	17.40	17.50	17.35	17.35		
15	64QAM	36	20	17.26	17.35	17.22	17.51	17.38	18.5	0
15	64QAM	36	39	17.30	17.34	17.32	17.30	17.38		
15	64QAM	75	0	17.48	17.39	17.33	17.40	17.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.58	17.66	17.67	17.53	17.56		
10	QPSK	1	25	17.55	17.36	17.48	17.47	17.35	18.50	0
10	QPSK	1	49	17.39	17.52	17.63	17.32	17.63		
10	QPSK	25	0	17.56	17.52	17.64	17.53	17.63		
10	QPSK	25	12	17.64	17.58	17.57	17.31	17.54	18.5	0
10	QPSK	25	25	17.37	17.45	17.55	17.59	17.55		
10	QPSK	50	0	17.45	17.33	17.62	17.38	17.65		
10	16QAM	1	0	17.45	17.61	17.69	17.37	17.51		
10	16QAM	1	25	17.59	17.47	17.59	17.38	17.55	18.5	0
10	16QAM	1	49	17.64	17.50	17.46	17.64	17.47		
10	16QAM	25	0	17.51	17.44	17.51	17.34	17.40		
10	16QAM	25	12	17.37	17.38	17.41	17.45	17.51	18.5	0
10	16QAM	25	25	17.51	17.59	17.43	17.55	17.57		
10	16QAM	50	0	17.31	17.43	17.47	17.48	17.49		
10	64QAM	1	0	17.67	17.67	17.41	17.30	17.37		
10	64QAM	1	25	17.29	17.41	17.44	17.61	17.45	18.5	0
10	64QAM	1	49	17.62	17.46	17.66	17.47	17.40		
10	64QAM	25	0	17.39	17.40	17.51	17.40	17.42		
10	64QAM	25	12	17.24	17.40	17.32	17.40	17.46	18.5	0
10	64QAM	25	25	17.42	17.40	17.42	17.17	17.28		
10	64QAM	50	0	17.34	17.45	17.45	17.24	17.14		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.67	17.52	17.67	17.61	17.63		
5	QPSK	1	12	17.54	17.41	17.56	17.59	17.30	18.50	0
5	QPSK	1	24	17.44	17.36	17.54	17.37	17.60		
5	QPSK	12	0	17.62	17.59	17.57	17.59	17.66		
5	QPSK	12	7	17.62	17.66	17.66	17.47	17.40	18.5	0
5	QPSK	12	13	17.30	17.49	17.53	17.58	17.71		
5	QPSK	25	0	17.33	17.41	17.52	17.35	17.52		
5	16QAM	1	0	17.32	17.64	17.53	17.52	17.57		
5	16QAM	1	12	17.53	17.59	17.56	17.64	17.63	18.5	0
5	16QAM	1	24	17.64	17.34	17.55	17.59	17.51		
5	16QAM	12	0	17.45	17.52	17.58	17.48	17.29		
5	16QAM	12	7	17.34	17.36	17.34	17.61	17.56	18.5	0
5	16QAM	12	13	17.52	17.60	17.51	17.41	17.73		
5	16QAM	25	0	17.32	17.39	17.56	17.57	17.47		
5	64QAM	1	0	17.67	17.57	17.34	17.33	17.50		
5	64QAM	1	12	17.33	17.58	17.57	17.54	17.51	18.5	0
5	64QAM	1	24	17.51	17.61	17.56	17.77	17.69		
5	64QAM	12	0	17.23	17.43	17.44	17.39	17.34		
5	64QAM	12	7	17.25	17.49	17.33	17.44	17.39	18.5	0
5	64QAM	12	13	17.29	17.54	17.38	17.40	17.35		
5	64QAM	25	0	17.46	17.27	17.39	17.43	17.19		

Reduced Power Mode for Sensor on

<GSM>

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	25.83	25.82	25.90	27.00	16.83	16.82	16.90	18.00
GPRS 1 Tx slot	25.81	25.81	25.88	27.00	16.81	16.81	16.88	18.00
GPRS 2 Tx slots	23.74	23.82	23.93	25.00	17.74	17.82	17.93	19.00
GPRS 3 Tx slots	22.67	22.85	22.77	24.00	18.41	18.59	18.51	19.74
GPRS 4 Tx slots	20.73	20.82	20.88	22.00	17.73	17.82	17.88	19.00
EDGE 1 Tx slot	25.19	25.26	25.38	26.50	16.19	16.26	16.38	17.50
EDGE 2 Tx slots	24.15	24.03	24.21	25.50	18.15	18.03	18.21	19.50
EDGE 3 Tx slots	21.86	21.73	22.03	23.00	17.60	17.47	17.77	18.74
EDGE 4 Tx slots	20.55	20.48	20.58	22.00	17.55	17.48	17.58	19.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	19.31	19.44	19.43	21.00	10.31	10.44	10.43	12.00
GPRS 1 Tx slot	19.29	19.41	19.40	21.00	10.29	10.41	10.40	12.00
GPRS 2 Tx slots	17.11	17.28	17.30	19.00	11.11	11.28	11.30	13.00
GPRS 3 Tx slots	16.33	16.51	16.51	18.00	12.07	12.25	12.25	13.74
GPRS 4 Tx slots	15.43	15.58	15.55	17.00	12.43	12.58	12.55	14.00
EDGE 1 Tx slot	20.97	20.99	21.05	22.00	11.97	11.99	12.05	13.00
EDGE 2 Tx slots	17.89	18.01	18.10	19.00	11.89	12.01	12.10	13.00
EDGE 3 Tx slots	15.93	16.32	15.96	17.00	11.67	12.06	11.70	12.74
EDGE 4 Tx slots	14.74	14.82	14.91	16.00	11.74	11.82	11.91	13.00

<WCDMA>

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	12.71	12.82	12.62	14.00	12.31	12.40	12.25	13.50	18.38	18.47	18.41	19.50
3GPP Rel 99	RMC 12.2Kbps	12.76	12.84	12.64	14.00	12.35	12.42	12.29	13.50	18.41	18.51	18.45	19.50
3GPP Rel 6	HSDPA Subtest-1	11.79	12.00	11.70	13.00	11.28	11.31	11.04	12.50	17.22	17.36	17.31	18.50
3GPP Rel 6	HSDPA Subtest-2	11.72	11.86	11.85	13.00	11.32	11.47	11.13	12.50	17.46	17.16	17.41	18.50
3GPP Rel 6	HSDPA Subtest-3	11.15	11.22	11.21	12.50	10.93	10.94	10.68	12.00	16.92	16.76	16.69	18.00
3GPP Rel 6	HSDPA Subtest-4	11.12	11.37	11.21	12.50	10.88	10.69	10.79	12.00	16.81	17.03	16.95	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	11.84	11.83	11.69	13.00	11.17	11.25	11.29	12.50	17.18	17.23	17.27	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	11.89	11.82	11.83	13.00	11.32	11.40	11.27	12.50	17.34	17.50	17.30	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	11.28	11.31	11.14	12.50	10.61	10.64	10.83	12.00	16.77	16.80	16.78	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	11.35	11.16	11.39	12.50	10.76	10.89	10.50	12.00	16.79	16.71	16.70	18.00
3GPP Rel 6	HSUPA Subtest-1	11.62	11.77	11.71	13.00	11.36	11.17	11.38	12.50	17.22	17.36	17.34	18.50
3GPP Rel 6	HSUPA Subtest-2	9.73	9.77	9.59	11.00	9.25	9.38	9.22	10.50	15.37	15.52	15.31	16.50
3GPP Rel 6	HSUPA Subtest-3	10.87	10.79	10.71	12.00	10.19	10.38	10.32	11.50	16.39	16.31	16.53	17.50
3GPP Rel 6	HSUPA Subtest-4	9.82	9.74	9.61	11.00	9.26	9.24	9.25	10.50	15.29	15.29	15.30	16.50
3GPP Rel 6	HSUPA Subtest-5	11.62	12.01	11.67	13.00	11.28	11.38	11.02	12.50	17.40	17.32	17.28	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	9.40	9.20	9.09	10.50	8.62	8.86	8.54	10.00	14.73	14.88	14.73	16.00

LTE Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
		Channel		18700	18900	19100		
		Frequency (MHz)		1860	1880	1900		
20	QPSK	1	0	13.67	13.75	13.65	14.5	0
20	QPSK	1	49	13.59	13.55	13.57	14.5	0
20	QPSK	1	99	13.69	13.69	13.61		
20	QPSK	50	0	13.69	13.71	13.45		
20	QPSK	50	24	13.61	13.69	13.61	14.5	0
20	QPSK	50	50	13.57	13.70	13.61		
20	QPSK	100	0	13.64	13.65	13.53		
20	16QAM	1	0	13.64	13.74	13.43		
20	16QAM	1	49	13.63	13.64	13.62	14.5	0
20	16QAM	1	99	13.49	13.73	13.55		
20	16QAM	50	0	13.61	13.69	13.52		
20	16QAM	50	24	13.46	13.67	13.44	14.5	0
20	16QAM	50	50	13.55	13.74	13.49		
20	16QAM	100	0	13.54	13.65	13.65		
20	64QAM	1	0	13.52	13.70	13.61		
20	64QAM	1	49	13.51	13.62	13.53	14.5	0
20	64QAM	1	99	13.58	13.69	13.51		
20	64QAM	50	0	13.54	13.37	13.58		
20	64QAM	50	24	13.46	13.62	13.60	14.5	0
20	64QAM	50	50	13.61	13.73	13.53		
20	64QAM	100	0	13.68	13.74	13.66		
		Channel		18675	18900	19125	Tune-up limit	MPR (dB)
		Frequency (MHz)		1857.5	1880	1902.5		
15	QPSK	1	0	13.66	13.61	13.43		
15	QPSK	1	37	13.38	13.47	13.36	14.5	0
15	QPSK	1	74	13.49	13.63	13.54		
15	QPSK	36	0	13.67	13.61	13.27		
15	QPSK	36	20	13.42	13.59	13.58	14.5	0
15	QPSK	36	39	13.38	13.56	13.55		
15	QPSK	75	0	13.62	13.56	13.40		
15	16QAM	1	0	13.63	13.59	13.23		
15	16QAM	1	37	13.58	13.62	13.40	14.5	0
15	16QAM	1	74	13.50	13.66	13.51		
15	16QAM	36	0	13.55	13.54	13.31		
15	16QAM	36	20	13.41	13.62	13.29	14.5	0
15	16QAM	36	39	13.45	13.67	13.44		
15	16QAM	75	0	13.42	13.45	13.53		
15	64QAM	1	0	13.38	13.39	13.52		
15	64QAM	1	37	13.33	13.61	13.45	14.5	0
15	64QAM	1	74	13.39	13.52	13.49		
15	64QAM	36	0	13.47	13.70	13.40		
15	64QAM	36	20	13.39	13.46	13.56	14.5	0
15	64QAM	36	39	13.49	13.55	13.47		
15	64QAM	75	0	13.66	13.74	13.56		
		Channel		18650	18900	19150	Tune-up limit	MPR (dB)
		Frequency (MHz)		1855	1880	1905		
10	QPSK	1	0	13.45	13.72	13.64		
10	QPSK	1	25	13.56	13.45	13.47	14.5	0
10	QPSK	1	49	13.71	13.49	13.62		
10	QPSK	25	0	13.69	13.71	13.34		
10	QPSK	25	12	13.39	13.71	13.42	14.5	0
10	QPSK	25	25	13.58	13.65	13.41		
10	QPSK	50	0	13.49	13.66	13.51		
10	16QAM	1	0	13.51	13.57	13.32		
10	16QAM	1	25	13.63	13.55	13.64	14.5	0
10	16QAM	1	49	13.40	13.64	13.36		
10	16QAM	25	0	13.52	13.60	13.41		
10	16QAM	25	12	13.42	13.67	13.33	14.5	0
10	16QAM	25	25	13.42	13.61	13.44		
10	16QAM	50	0	13.52	13.61	13.52		
10	64QAM	1	0	13.46	13.61	13.44		
10	64QAM	1	25	13.40	13.62	13.35	14.5	0
10	64QAM	1	49	13.55	13.67	13.46		
10	64QAM	25	0	13.35	13.73	13.40		
10	64QAM	25	12	13.43	13.47	13.46	14.5	0
10	64QAM	25	25	13.44	13.60	13.33		
10	64QAM	50	0	13.44	13.73	13.63		
		Channel		18625	18900	19175	Tune-up limit	MPR (dB)
		Frequency (MHz)		1852.5	1880	1907.5		
5	QPSK	1	0	13.66	13.54	13.66		
5	QPSK	1	12	13.56	13.53	13.45	14.5	0
5	QPSK	1	24	13.47	13.58	13.46		
5	QPSK	12	0	13.54	13.71	13.28		
5	QPSK	12	7	13.47	13.66	13.62	14.5	0
5	QPSK	12	13	13.57	13.61	13.40		
5	QPSK	25	0	13.55	13.62	13.42		
5	16QAM	1	0	13.57	13.62	13.32		
5	16QAM	1	12	13.59	13.62	13.52	14.5	0
5	16QAM	1	24	13.38	13.71	13.42		
5	16QAM	12	0	13.59	13.64	13.32		
5	16QAM	12	7	13.34	13.56	13.39	14.5	0
5	16QAM	12	13	13.43	13.72	13.39		
5	16QAM	25	0	13.47	13.46	13.45		
5	64QAM	1	0	13.47	13.63	13.42		
5	64QAM	1	12	13.35	13.57	13.54	14.5	0
5	64QAM	1	24	13.58	13.61	13.42		
5	64QAM	12	0	13.39	13.67	13.57		
5	64QAM	12	7	13.25	13.58	13.49	14.5	0
5	64QAM	12	13	13.73	13.56	13.53		
5	64QAM	25	0	13.46	13.55	13.68		
		Channel		18615	18900	19185	Tune-up limit	MPR (dB)
		Frequency (MHz)		1851.5	1880	1908.5		
3	QPSK	1	0	13.68	13.60	13.54		
3	QPSK	1	8	13.48	13.49	13.37	14.5	0
3	QPSK	1	14	13.55	13.66	13.48		
3	QPSK	8	0	13.48	13.68	13.45		
3	QPSK	8	4	13.53	13.47	13.55	14.5	0
3	QPSK	8	7	13.50	13.50	13.51		
3	QPSK	15	0	13.51	13.44	13.47		
3	16QAM	1	0	13.49	13.69	13.41		
3	16QAM	1	8	13.47	13.50	13.47	14.5	0
3	16QAM	1	14	13.39	13.60	13.50		
3	16QAM	8	0	13.56	13.60	13.46		
3	16QAM	8	4	13.38	13.60	13.26	14.5	0
3	16QAM	8	7	13.34	13.63	13.32		
3	16QAM	15	0	13.38	13.45	13.59		
3	64QAM	1	0	13.39	13.57	13.53		
3	64QAM	1	8	13.57	13.56	13.35	14.5	0
3	64QAM	1	14	13.57	13.60	13.40		
3	64QAM	8	0	13.45	13.57	13.47		
3	64QAM	8	4	13.26	13.57	13.51	14.5	0
3	64QAM	8	7	13.49	13.72	13.51		
3	64QAM	15	0	13.57	13.53	13.58		
		Channel		18607	18900	19193	Tune-up limit	MPR (dB)
		Frequency (MHz)		1850.7	1880	1909.3		
1.4	QPSK	1	0	13.59	13.56	13.66		
1.4	QPSK	1	3	13.59	13.55	13.54	14.5	0
1.4	QPSK	1	5	13.63	13.49	13.49		
1.4	QPSK	3	0	13.47	13.53	13.26		
1.4	QPSK	3	1	13.63	13.64	13.46	14.5	0
1.4	QPSK	3	3	13.52	13.61	13.59		
1.4	QPSK	6	0	13.55	13.60	13.45	14.5	0
1.4	16QAM	1	0	13.60	13.72	13.32		
1.4	16QAM	1	3	13.59	13.62	13.44	14.5	0
1.4	16QAM	1	5	13.40	13.70	13.53		
1.4	16QAM	3	0	13.58	13.49	13.52		
1.4	16QAM	3	1	13.45	13.61	13.24	14.5	0
1.4	16QAM	3	3	13.35	13.74	13.40		
1.4	16QAM	6	0	13.33	13.67	13.64	14.5	0
1.4	64QAM	1	0	13.38	13.67	13.40		
1.4	64QAM	1	3	13.49	13.61	13.53	14.5	0
1.4	64QAM	1	5	13.56	13.72	13.48		
1.4	64QAM	3	0	13.34	13.55	13.43		
1.4	64QAM	3	1	13.46	13.44	13.43	14.5	0
1.4	64QAM	3	3	13.52	13.54	13.33		
1.4	64QAM	6	0	13.56	13.57	13.61	14.5	0

LTE Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20	QPSK	1	0	13.31	13.38	13.36		
20	QPSK	1	49	13.30	13.19	13.30	14	0
20	QPSK	1	99	13.36	13.27	13.33		
20	QPSK	50	0	13.16	13.35	13.31		
20	QPSK	50	24	13.20	13.23	13.27	14	0
20	QPSK	50	50	13.22	13.32	13.32		
20	QPSK	100	0	13.28	13.31	13.30		
20	16QAM	1	0	13.20	13.23	13.26		
20	16QAM	1	49	13.36	13.34	13.26	14	0
20	16QAM	1	99	13.22	13.31	13.35		
20	16QAM	50	0	13.28	13.29	13.20		
20	16QAM	50	24	13.33	13.19	13.34	14	0
20	16QAM	50	50	13.25	13.34	13.16		
20	16QAM	100	0	13.25	13.35	13.30		
20	64QAM	1	0	13.35	13.25	13.33		
20	64QAM	1	49	13.22	13.28	13.33	14	0
20	64QAM	1	99	13.19	13.21	13.37		
20	64QAM	50	0	13.36	13.23	13.20		
20	64QAM	50	24	13.34	13.34	13.17	14	0
20	64QAM	50	50	13.23	13.34	13.16		
20	64QAM	100	0	13.24	13.37	13.30		
		Channel		20025	20175	20325	Tune-up limit	MPR (dB)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15	QPSK	1	0	13.32	13.22	13.20		
15	QPSK	1	37	13.22	13.19	13.31	14	0
15	QPSK	1	74	13.26	13.21	13.54		
15	QPSK	36	0	13.03	13.16	13.20		
15	QPSK	36	20	13.04	13.15	13.09	14	0
15	QPSK	36	39	13.20	13.16	13.16		
15	QPSK	75	0	13.29	13.28	13.31		
15	16QAM	1	0	13.09	13.21	13.22		
15	16QAM	1	37	13.26	13.35	13.12	14	0
15	16QAM	1	74	13.04	13.23	13.24		
15	16QAM	36	0	13.10	13.29	13.13		
15	16QAM	36	20	13.31	13.08	13.25	14	0
15	16QAM	36	39	13.11	13.22	13.10		
15	16QAM	75	0	13.18	13.18	13.19		
15	64QAM	1	0	13.29	13.17	13.19		
15	64QAM	1	37	13.22	13.22	13.19	14	0
15	64QAM	1	74	13.11	13.09	13.35		
15	64QAM	36	0	13.27	13.12	13.16		
15	64QAM	36	20	13.27	13.31	13.31	14	0
15	64QAM	36	39	13.09	13.19	13.02		
15	64QAM	75	0	13.28	13.32	13.31		
		Channel		20000	20175	20350	Tune-up limit	MPR (dB)
		Frequency (MHz)		1715	1732.5	1750		
10	QPSK	1	0	13.33	13.34	13.33		
10	QPSK	1	25	13.26	12.98	13.28	14	0
10	QPSK	1	49	13.32	13.11	13.16		
10	QPSK	25	0	13.02	13.17	13.25		
10	QPSK	25	12	13.07	13.02	13.07	14	0
10	QPSK	25	25	13.11	13.25	13.12		
10	QPSK	50	0	13.17	13.20	13.27		
10	16QAM	1	0	13.18	13.18	13.17		
10	16QAM	1	25	13.17	13.14	13.07	14	0
10	16QAM	1	49	13.23	13.27	13.36		
10	16QAM	25	0	13.11	13.18	13.14		
10	16QAM	25	12	13.32	13.07	13.19	14	0
10	16QAM	25	25	13.05	13.25	12.99		
10	16QAM	50	0	13.08	13.36	13.13		
10	64QAM	1	0	13.21	13.25	13.31		
10	64QAM	1	25	13.20	13.28	13.28	14	0
10	64QAM	1	49	13.08	13.00	13.19		
10	64QAM	25	0	13.33	13.01	13.10		
10	64QAM	25	12	13.33	13.26	13.10	14	0
10	64QAM	25	25	13.19	13.28	12.95		
10	64QAM	50	0	13.29	13.33	13.10		
		Channel		19975	20175	20375	Tune-up limit	MPR (dB)
		Frequency (MHz)		1712.5	1732.5	1753.5		
5	QPSK	1	0	13.36	13.21	13.17		
5	QPSK	1	12	13.28	13.04	13.14	14	0
5	QPSK	1	24	13.18	13.29	13.19		
5	QPSK	12	0	12.95	13.31	13.30		
5	QPSK	12	7	12.98	13.08	13.15	14	0
5	QPSK	12	13	13.12	13.22	13.28		
5	QPSK	25	0	13.19	13.22	13.09		
5	16QAM	1	0	13.04	13.13	13.09		
5	16QAM	1	12	13.31	13.13	13.17	14	0
5	16QAM	1	24	13.01	13.32	13.31		
5	16QAM	12	0	13.06	13.13	12.99		
5	16QAM	12	7	13.22	13.13	13.25	14	0
5	16QAM	12	13	13.07	13.13	13.04		
5	16QAM	25	0	13.14	13.32	13.14		
5	64QAM	1	0	13.18	13.06	13.24		
5	64QAM	1	12	13.03	13.32	13.20	14	0
5	64QAM	1	24	13.15	13.01	13.23		
5	64QAM	12	0	13.31	13.20	12.99		
5	64QAM	12	7	13.14	13.29	13.00	14	0
5	64QAM	12	13	13.20	13.12	13.04		
5	64QAM	25	0	13.31	13.32	13.09		
		Channel		19965	20175	20385	Tune-up limit	MPR (dB)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3	QPSK	1	0	13.26	13.27	13.26		
3	QPSK	1	8	13.08	13.00	13.37	14	0
3	QPSK	1	14	13.36	13.23	13.17		
3	QPSK	8	0	13.08	13.23	13.13		
3	QPSK	8	4	13.07	13.11	13.16	14	0
3	QPSK	8	7	13.05	13.11	13.27		
3	QPSK	15	0	13.15	13.22	13.22		
3	16QAM	1	0	12.99	13.12	13.08		
3	16QAM	1	8	13.22	13.24	13.10	14	0
3	16QAM	1	14	13.01	13.32	13.34		
3	16QAM	8	0	13.28	13.20	13.00		
3	16QAM	8	4	13.33	13.19	13.23	14	0
3	16QAM	8	7	13.15	13.31	13.16		
3	16QAM	15	0	13.17	13.27	13.27		
3	64QAM	1	0	13.24	13.14	13.16		
3	64QAM	1	8	13.02	13.13	13.25	14	0
3	64QAM	1	14	13.01	13.13	13.21		
3	64QAM	8	0	13.16	13.06	12.98		
3	64QAM	8	4	13.14	13.33	13.09	14	0
3	64QAM	8	7	13.22	13.35	13.09		
3	64QAM	15	0	13.26	13.27	13.30		
		Channel		19957	20175	20393	Tune-up limit	MPR (dB)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4	QPSK	1	0	13.28	13.22	13.31		
1.4	QPSK	1	3	13.11	13.02	13.18	14	0
1.4	QPSK	1	5	13.37	13.25	13.19		
1.4	QPSK	3	0	13.05	13.13	13.28		
1.4	QPSK	3	1	12.99	13.06	13.07	14	0
1.4	QPSK	3	3	13.11	13.23	13.26		
1.4	QPSK	6	0	13.16	13.23	13.19	14	0
1.4	16QAM	1	0	13.07	13.12	13.22		
1.4	16QAM	1	3	13.25	13.32	13.16	14	0
1.4	16QAM	1	5	13.20	13.21	13.14		
1.4	16QAM	3	0	13.19	13.31	13.18		
1.4	16QAM	3	1	13.25	13.00	13.34	14	0
1.4	16QAM	3	3	13.04	13.17	13.04		
1.4	16QAM	6	0	13.13	13.22	13.28	14	0
1.4	64QAM	1	0	13.27	13.10	13.20		
1.4	64QAM	1	3	13.22	13.02	13.33	14	0
1.4	64QAM	1	5	13.17	13.05	13.19		
1.4	64QAM	3	0	13.16	13.09	13.01		
1.4	64QAM	3	1	13.17	13.32	12.98	14	0
1.4	64QAM	3	3	13.19	13.30	12.96		
1.4	64QAM	6	0	13.29	13.30	13.31	14	0

LTE Band 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
		Channel		20450	20525	20600		
		Frequency (MHz)		829	836.5	844		
10	QPSK	1	0	18.29	18.42	18.38		
10	QPSK	1	25	18.11	18.40	18.35	19.5	0
10	QPSK	1	49	18.29	18.38	18.26		
10	QPSK	25	0	18.27	18.38	18.32		
10	QPSK	25	12	18.16	18.23	18.30	19.5	0
10	QPSK	25	25	18.27	18.34	18.37		
10	QPSK	50	0	18.07	18.29	18.24		
10	16QAM	1	0	18.30	18.38	18.31		
10	16QAM	1	25	18.16	18.26	18.33	19.5	0
10	16QAM	1	49	18.28	18.38	18.37		
10	16QAM	25	0	18.08	18.19	18.32		
10	16QAM	25	12	18.21	18.36	18.17	19.5	0
10	16QAM	25	25	18.10	18.37	18.38		
10	16QAM	50	0	18.20	18.34	18.35		
10	64QAM	1	0	18.21	18.23	18.35		
10	64QAM	1	25	18.17	18.22	18.22	19.5	0
10	64QAM	1	49	18.15	18.39	18.26		
10	64QAM	25	0	18.18	18.24	18.24		
10	64QAM	25	12	18.09	18.26	18.22	19.5	0
10	64QAM	25	25	18.10	18.37	18.38		
10	64QAM	50	0	18.28	18.34	18.29		
		Channel		20425	20525	20625	Tune-up limit	MPR (dB)
		Frequency (MHz)		826.5	836.5	846.5		
5	QPSK	1	0	18.12	18.19	18.39		
5	QPSK	1	12	17.96	18.35	18.19	19.5	0
5	QPSK	1	24	18.25	18.19	18.07		
5	QPSK	12	0	18.22	18.19	18.17		
5	QPSK	12	7	18.00	18.18	18.11	19.5	0
5	QPSK	12	13	18.21	18.26	18.21		
5	QPSK	25	0	18.03	18.16	18.20		
5	16QAM	1	0	18.09	18.33	18.20		
5	16QAM	1	12	18.09	18.14	18.21	19.5	0
5	16QAM	1	24	18.07	18.30	18.19		
5	16QAM	12	0	18.01	18.01	18.14		
5	16QAM	12	7	18.04	18.36	18.09	19.5	0
5	16QAM	12	13	18.10	17.98	18.26		
5	16QAM	25	0	18.19	18.29	18.37		
5	64QAM	1	0	18.10	18.19	18.15		
5	64QAM	1	12	18.18	18.03	18.03	19.5	0
5	64QAM	1	24	17.96	18.40	18.20		
5	64QAM	12	0	18.00	18.19	18.08		
5	64QAM	12	7	18.09	18.24	18.20	19.5	0
5	64QAM	12	13	18.04	18.17	18.16		
5	64QAM	25	0	18.24	18.11	18.21		
		Channel		20415	20525	20635	Tune-up limit	MPR (dB)
		Frequency (MHz)		825.5	836.5	847.5		
3	QPSK	1	0	18.29	18.22	18.29		
3	QPSK	1	9	18.03	18.34	18.18	19.5	0
3	QPSK	1	14	18.23	18.18	18.21		
3	QPSK	8	0	18.28	18.33	18.31		
3	QPSK	8	4	18.08	18.02	18.20	19.5	0
3	QPSK	8	7	18.08	18.22	18.07		
3	QPSK	15	0	17.88	18.03	18.28		
3	16QAM	1	0	18.14	18.30	18.33		
3	16QAM	1	9	18.14	18.19	18.12	19.5	0
3	16QAM	1	14	18.15	18.26	18.38		
3	16QAM	8	0	17.96	18.01	18.30		
3	16QAM	8	4	18.11	18.17	18.16	19.5	0
3	16QAM	8	7	17.88	18.20	18.09		
3	16QAM	15	0	18.10	18.16	18.30		
3	64QAM	1	0	18.20	18.14	18.28		
3	64QAM	1	9	18.15	18.03	18.09	19.5	0
3	64QAM	1	14	18.10	18.19	18.07		
3	64QAM	8	0	18.12	18.15	18.07		
3	64QAM	8	4	17.95	18.23	18.06	19.5	0
3	64QAM	8	7	18.20	18.21	18.36		
3	64QAM	15	0	18.06	18.30	18.31		
		Channel		20407	20525	20643	Tune-up limit	MPR (dB)
		Frequency (MHz)		824.7	836.5	848.3		
1.4	QPSK	1	0	18.18	18.33	18.19		
1.4	QPSK	1	3	18.11	18.21	18.32	19.5	0
1.4	QPSK	1	5	18.16	18.33	18.07		
1.4	QPSK	3	0	18.21	18.30	18.30		
1.4	QPSK	3	1	18.04	18.09	18.14	19.5	0
1.4	QPSK	3	3	18.28	18.15	18.05		
1.4	QPSK	6	0	18.01	18.09	18.24	19.5	0
1.4	16QAM	1	0	18.21	18.17	18.17		
1.4	16QAM	1	3	17.95	18.16	18.25	19.5	0
1.4	16QAM	1	5	18.27	18.27	18.30		
1.4	16QAM	3	0	18.09	18.20	18.22		
1.4	16QAM	3	1	18.14	18.25	18.09	19.5	0
1.4	16QAM	3	3	17.97	18.09	18.15		
1.4	16QAM	6	0	18.21	18.17	18.21	19.5	0
1.4	64QAM	1	0	18.20	18.02	18.36		
1.4	64QAM	1	3	18.04	18.10	18.07	19.5	0
1.4	64QAM	1	5	18.07	18.19	18.24		
1.4	64QAM	3	0	18.18	18.19	18.21		
1.4	64QAM	3	1	17.94	18.09	18.11	19.5	0
1.4	64QAM	3	3	18.07	18.22	18.14		
1.4	64QAM	6	0	18.20	18.22	18.16	19.5	0

LTE Band 7

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	15.16	15.26	14.82		
20	QPSK	1	49	15.10	15.24	14.76	16	0
20	QPSK	1	99	15.01	15.22	14.77		
20	QPSK	50	0	15.09	15.15	14.82		
20	QPSK	50	24	14.98	15.11	14.78	16	0
20	QPSK	50	50	14.94	15.08	14.81		
20	QPSK	100	0	15.08	15.09	14.74		
20	16QAM	1	0	15.06	15.14	14.79		
20	16QAM	1	49	15.13	15.09	14.65	16	0
20	16QAM	1	99	15.08	15.06	14.73		
20	16QAM	50	0	15.15	15.24	14.84		
20	16QAM	50	24	15.05	15.20	14.74	16	0
20	16QAM	50	50	15.01	15.15	14.74		
20	16QAM	100	0	15.17	15.08	14.77		
20	64QAM	1	0	15.11	15.18	15.07		
20	64QAM	1	49	15.13	15.18	14.80	16	0
20	64QAM	1	99	15.01	15.14	14.76		
20	64QAM	50	0	15.08	15.18	14.79		
20	64QAM	50	24	15.05	15.12	14.78	16	0
20	64QAM	50	50	15.02	15.24	14.91		
20	64QAM	100	0	15.09	15.24	15.15		
Channel				20825	21100	21375	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.14	14.96	14.98		
15	QPSK	1	37	15.11	15.02	14.97	16	0
15	QPSK	1	74	14.90	15.20	15.16		
15	QPSK	36	0	15.09	15.05	14.83		
15	QPSK	36	20	14.92	15.03	14.65	16	0
15	QPSK	36	39	14.91	14.88	14.64		
15	QPSK	75	0	14.91	15.04	14.62		
15	16QAM	1	0	15.08	15.15	14.88		
15	16QAM	1	37	14.95	15.11	14.75	16	0
15	16QAM	1	74	14.87	15.00	14.82		
15	16QAM	36	0	15.03	15.08	14.82		
15	16QAM	36	20	14.98	15.17	14.82	16	0
15	16QAM	36	39	14.91	15.02	14.83		
15	16QAM	75	0	15.01	14.99	14.90		
15	64QAM	1	0	15.06	15.25	14.85		
15	64QAM	1	37	15.05	15.07	14.79	16	0
15	64QAM	1	74	14.99	15.02	14.81		
15	64QAM	36	0	15.03	15.16	14.91		
15	64QAM	36	20	14.91	14.91	14.91	16	0
15	64QAM	36	39	14.96	15.04	14.91		
15	64QAM	75	0	14.91	15.14	14.82		
Channel				20800	21100	21400	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.16	15.13	14.91		
10	QPSK	1	25	14.99	15.21	14.92	16	0
10	QPSK	1	49	15.02	15.13	14.76		
10	QPSK	25	0	14.88	15.11	14.82		
10	QPSK	25	12	14.78	15.11	14.76	16	0
10	QPSK	25	25	14.94	14.97	14.82		
10	QPSK	50	0	15.05	15.04	14.62		
10	16QAM	1	0	15.00	15.04	14.68		
10	16QAM	1	25	14.91	15.02	14.67	16	0
10	16QAM	1	49	15.00	15.06	14.60		
10	16QAM	25	0	15.04	15.11	14.74		
10	16QAM	25	12	14.92	15.17	14.71	16	0
10	16QAM	25	25	15.01	15.04	14.70		
10	16QAM	50	0	14.96	15.02	14.56		
10	64QAM	1	0	14.97	15.16	14.66		
10	64QAM	1	25	15.12	15.12	14.75	16	0
10	64QAM	1	49	14.92	14.97	14.68		
10	64QAM	25	0	15.08	15.03	14.84		
10	64QAM	25	12	14.94	15.03	14.87	16	0
10	64QAM	25	25	14.81	15.23	14.90		
10	64QAM	50	0	14.89	15.22	14.88		
Channel				20775	21100	21425	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.16	15.07	14.66		
5	QPSK	1	12	14.88	15.03	14.68	16	0
5	QPSK	1	24	14.93	15.03	14.68		
5	QPSK	12	0	14.98	15.01	14.69		
5	QPSK	12	7	14.86	15.13	14.79	16	0
5	QPSK	12	13	14.87	14.87	14.66		
5	QPSK	25	0	14.92	15.00	14.70		
5	16QAM	1	0	15.01	14.97	14.68		
5	16QAM	1	12	15.14	14.89	14.86	16	0
5	16QAM	1	24	15.09	14.96	14.66		
5	16QAM	12	0	14.94	15.19	14.70		
5	16QAM	12	7	15.03	15.10	14.87	16	0
5	16QAM	12	13	14.87	15.00	14.78		
5	16QAM	25	0	15.11	15.01	14.72		
5	64QAM	1	0	14.96	15.15	14.74		
5	64QAM	1	12	14.97	15.07	14.89	16	0
5	64QAM	1	24	14.98	15.01	14.76		
5	64QAM	12	0	15.03	15.03	14.85		
5	64QAM	12	7	15.07	15.03	14.79	16	0
5	64QAM	12	13	14.84	15.22	14.86		
5	64QAM	25	0	14.95	15.10	14.63		

LTE Band 12

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	18.85	18.86	18.83		
10	QPSK	1	25	18.70	18.72	18.78	20	0
10	QPSK	1	49	18.64	18.83	18.81		
10	QPSK	25	0	18.80	18.83	18.79		
10	QPSK	25	12	18.67	18.69	18.77	20	0
10	QPSK	25	25	18.64	18.63	18.69		
10	QPSK	50	0	18.74	18.79	18.78		
10	16QAM	1	0	18.81	18.83	18.77		
10	16QAM	1	25	18.80	18.66	18.73	20	0
10	16QAM	1	49	18.70	18.84	18.61		
10	16QAM	25	0	18.68	18.68	18.72		
10	16QAM	25	12	18.74	18.73	18.69	20	0
10	16QAM	25	25	18.64	18.72	18.68		
10	16QAM	50	0	18.80	18.76	18.66		
10	64QAM	1	0	18.69	18.77	18.80		
10	64QAM	1	25	18.81	18.84	18.76	20	0
10	64QAM	1	49	18.65	18.73	18.79		
10	64QAM	25	0	18.66	18.72	18.71		
10	64QAM	25	12	18.72	18.76	18.74	20	0
10	64QAM	25	25	18.83	18.73	18.71		
10	64QAM	50	0	18.74	18.81	18.64		
Channel				23035	23095	23155	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	18.85	18.83	18.64		
5	QPSK	1	12	18.77	18.68	18.63	20	0
5	QPSK	1	24	18.69	18.81	18.83		
5	QPSK	12	0	18.68	18.66	18.64		
5	QPSK	12	7	18.69	18.81	18.76	20	0
5	QPSK	12	13	18.63	18.66	18.75		
5	QPSK	25	0	18.80	18.66	18.84		
5	16QAM	1	0	18.73	18.67	18.77		
5	16QAM	1	12	18.75	18.85	18.68	20	0
5	16QAM	1	24	18.75	18.83	18.70		
5	16QAM	12	0	18.73	18.74	18.71		
5	16QAM	12	7	18.85	18.65	18.74	20	0
5	16QAM	12	13	18.84	18.71	18.73		
5	16QAM	25	0	18.84	18.65	18.82		
5	64QAM	1	0	18.71	18.74	18.83		
5	64QAM	1	12	18.80	18.85	18.82	20	0
5	64QAM	1	24	18.76	18.74	18.70		
5	64QAM	12	0	18.72	18.80	18.75		
5	64QAM	12	7	18.77	18.77	18.82	20	0
5	64QAM	12	13	18.84	18.66	18.81		
5	64QAM	25	0	18.75	18.82	18.70		
Channel				23025	23095	23165	Tune-up limit	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	18.83	18.84	18.72		
3	QPSK	1	8	18.70	18.66	18.68	20	0
3	QPSK	1	14	18.67	18.78	18.82		
3	QPSK	8	0	18.84	18.72	18.74		
3	QPSK	8	4	18.71	18.80	18.63	20	0
3	QPSK	8	7	18.77	18.70	18.79		
3	QPSK	15	0	18.73	18.75	18.74		
3	16QAM	1	0	18.64	18.80	18.69		
3	16QAM	1	8	18.73	18.71	18.65	20	0
3	16QAM	1	14	18.81	18.75	18.70		
3	16QAM	8	0	18.73	18.84	18.75		
3	16QAM	8	4	18.73	18.85	18.64	20	0
3	16QAM	8	7	18.65	18.71	18.62		
3	16QAM	15	0	18.81	18.73	18.65		
3	64QAM	1	0	18.80	18.78	18.81		
3	64QAM	1	8	18.75	18.84	18.78	20	0
3	64QAM	1	14	18.63	18.76	18.78		
3	64QAM	8	0	18.80	18.72	18.74		
3	64QAM	8	4	18.85	18.74	18.64	20	0
3	64QAM	8	7	18.64	18.83	18.63		
3	64QAM	15	0	18.78	18.84	18.72		
Channel				23017	23095	23173	Tune-up limit	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	18.84	18.85	18.71		
1.4	QPSK	1	3	18.74	18.80	18.68	20	0
1.4	QPSK	1	5	18.72	18.72	18.71		
1.4	QPSK	3	0	18.84	18.66	18.78		
1.4	QPSK	3	1	18.70	18.66	18.61	20	0
1.4	QPSK	3	3	18.63	18.79	18.81		
1.4	QPSK	6	0	18.80	18.77	18.80	20	0
1.4	16QAM	1	0	18.70	18.72	18.67		
1.4	16QAM	1	3	18.71	18.69	18.73	20	0
1.4	16QAM	1	5	18.83	18.68	18.67		
1.4	16QAM	3	0	18.71	18.74	18.62		
1.4	16QAM	3	1	18.72	18.71	18.77	20	0
1.4	16QAM	3	3	18.73	18.83	18.74		
1.4	16QAM	6	0	18.82	18.82	18.75	20	0
1.4	64QAM	1	0	18.77	18.82	18.69		
1.4	64QAM	1	3	18.66	18.72	18.83	20	0
1.4	64QAM	1	5	18.84	18.67	18.64		
1.4	64QAM	3	0	18.85	18.80	18.66		
1.4	64QAM	3	1	18.76	18.68	18.77	20	0
1.4	64QAM	3	3	18.85	18.71	18.80		
1.4	64QAM	6	0	18.85	18.70	18.72	20	0

LTE Band 13

BW [MHz]	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		18.54			
10	QPSK	1	25		18.39		19.5	0
10	QPSK	1	49		18.34			
10	QPSK	25	0		18.51			
10	QPSK	25	12		18.47		19.5	0
10	QPSK	25	25		18.46			
10	QPSK	50	0		18.41			
10	16QAM	1	0		18.45			
10	16QAM	1	25		18.49		19.5	0
10	16QAM	1	49		18.48			
10	16QAM	25	0		18.35			
10	16QAM	25	12		18.34		19.5	0
10	16QAM	25	25		18.36			
10	16QAM	50	0		18.40			
10	64QAM	1	0		18.41			
10	64QAM	1	25		18.34		19.5	0
10	64QAM	1	49		18.44			
10	64QAM	25	0		18.36			
10	64QAM	25	12		18.40		19.5	0
10	64QAM	25	25		18.51			
10	64QAM	50	0		18.41			
Channel				23205	23230	23255	Tune-up limit	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	18.50	18.50	18.42		
5	QPSK	1	12	18.32	18.34	18.20	19.5	0
5	QPSK	1	24	18.29	18.19	18.24		
5	QPSK	12	0	18.47	18.33	18.35		
5	QPSK	12	7	18.45	18.39	18.46	19.5	0
5	QPSK	12	13	18.35	18.46	18.26		
5	QPSK	25	0	18.26	18.30	18.26		
5	16QAM	1	0	18.34	18.38	18.37		
5	16QAM	1	12	18.46	18.28	18.38	19.5	0
5	16QAM	1	24	18.38	18.27	18.47		
5	16QAM	12	0	18.35	18.21	18.33		
5	16QAM	12	7	18.20	18.24	18.27	19.5	0
5	16QAM	12	13	18.19	18.18	18.14		
5	16QAM	25	0	18.26	18.28	18.42		
5	64QAM	1	0	18.43	18.37	18.38		
5	64QAM	1	12	18.16	18.18	18.22	19.5	0
5	64QAM	1	24	18.31	18.31	18.74		
5	64QAM	12	0	18.37	18.22	18.26		
5	64QAM	12	13	18.44	18.47	18.52	19.5	0
5	64QAM	25	0	18.35	18.25	18.43		

LTE Band 17

Channel: 23780 / 23790 / 23800 — Frequency (MHz): 709 / 710 / 711

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	18.80	18.84	18.71		
10	QPSK	1	25	18.64	18.76	18.78	20	0
10	QPSK	1	49	18.71	18.64	18.62		
10	QPSK	25	0	18.62	18.73	18.65		
10	QPSK	25	12	18.64	18.71	18.69	20	0
10	QPSK	25	25	18.69	18.66	18.68		
10	QPSK	50	0	18.61	18.70	18.68		
10	16QAM	1	0	18.72	18.70	18.73		
10	16QAM	1	25	18.61	18.82	18.65	20	0
10	16QAM	1	49	18.78	18.71	18.79		
10	16QAM	25	0	18.81	18.71	18.63		
10	16QAM	25	12	18.83	18.83	18.65	20	0
10	16QAM	25	25	18.73	18.78	18.79		
10	16QAM	50	0	18.75	18.74	18.61		
10	64QAM	1	0	18.70	18.65	18.69		
10	64QAM	1	25	18.64	18.68	18.69	20	0
10	64QAM	1	49	18.71	18.78	18.81		
10	64QAM	25	0	18.76	18.75	18.79		
10	64QAM	25	12	18.76	18.75	18.65	20	0
10	64QAM	25	25	18.73	18.64	18.69		
10	64QAM	50	0	18.81	18.82	18.65		

Channel: 23755 / 23790 / 23825 — Frequency (MHz): 706.5 / 710 / 713.5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	18.77	18.68	18.74		
5	QPSK	1	12	18.79	18.69	18.68	20	0
5	QPSK	1	24	18.83	18.72	18.64		
5	QPSK	12	0	18.75	18.70	18.68		
5	QPSK	12	7	18.78	18.66	18.72	20	0
5	QPSK	12	13	18.81	18.80	18.64		
5	QPSK	25	0	18.70	18.77	18.64		
5	16QAM	1	0	18.78	18.67	18.74		
5	16QAM	1	12	18.67	18.74	18.82	20	0
5	16QAM	1	24	18.78	18.71	18.76		
5	16QAM	12	0	18.78	18.73	18.77		
5	16QAM	12	7	18.68	18.65	18.68	20	0
5	16QAM	12	13	18.66	18.82	18.68		
5	16QAM	25	0	18.70	18.72	18.70		
5	64QAM	1	0	18.65	18.65	18.75		
5	64QAM	1	12	18.81	18.74	18.77	20	0
5	64QAM	1	24	18.69	18.63	18.66		
5	64QAM	12	0	18.69	18.78	18.83		
5	64QAM	12	7	18.83	18.89	18.69	20	0
5	64QAM	12	13	18.63	18.68	18.64		
5	64QAM	25	0	18.80	18.67	18.82		

LTE Band 26

Channel: 26765 / 26865 / 26965 — Frequency (MHz): 821.5 / 831.5 / 841.5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	18.26	18.45	18.39		
15	QPSK	1	37	18.12	18.31	18.37	19.5	0
15	QPSK	1	74	18.24	18.16	18.21		
15	QPSK	36	0	18.20	18.34	18.32		
15	QPSK	36	20	18.14	18.01	18.24	19.5	0
15	QPSK	36	39	18.21	18.08	18.27		
15	QPSK	75	0	18.02	18.25	18.23		
15	16QAM	1	0	18.23	18.18	18.15		
15	16QAM	1	37	18.16	18.05	18.15	19.5	0
15	16QAM	1	74	18.24	18.37	18.16		
15	16QAM	36	0	17.91	18.19	18.21		
15	16QAM	36	20	18.04	18.36	18.09	19.5	0
15	16QAM	36	39	18.09	18.16	18.31		
15	16QAM	75	0	18.20	18.31	18.36		
15	64QAM	1	0	18.19	18.06	18.30		
15	64QAM	1	37	18.16	18.01	18.06	19.5	0
15	64QAM	1	74	18.06	18.35	18.18		
15	64QAM	36	0	18.05	18.05	18.11		
15	64QAM	36	20	18.05	18.20	18.13	19.5	0
15	64QAM	36	39	18.09	18.16	18.21		
15	64QAM	75	0	18.25	18.18	18.14		

Channel: 26740 / 26865 / 26990 — Frequency (MHz): 819 / 831.5 / 844

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	18.17	18.38	18.21		
10	QPSK	1	25	17.90	18.30	18.28	19.5	0
10	QPSK	1	49	18.25	18.16	18.10		
10	QPSK	25	0	18.26	18.35	18.18		
10	QPSK	25	12	18.01	18.24	18.31	19.5	0
10	QPSK	25	25	18.07	18.16	18.19		
10	QPSK	50	0	18.01	18.20	18.24		
10	16QAM	1	0	18.13	18.22	18.29		
10	16QAM	1	25	18.00	18.22	18.29	19.5	0
10	16QAM	1	49	18.11	18.24	18.26		
10	16QAM	25	0	18.00	18.12	18.28		
10	16QAM	25	12	18.21	18.16	17.98	19.5	0
10	16QAM	25	25	17.95	18.17	18.31		
10	16QAM	50	0	18.02	18.28	18.23		
10	64QAM	1	0	18.03	18.11	18.15		
10	64QAM	1	25	18.13	18.02	18.04	19.5	0
10	64QAM	1	49	17.95	18.26	18.25		
10	64QAM	25	0	18.15	18.05	18.19		
10	64QAM	25	12	18.23	18.03	18.24	19.5	0
10	64QAM	25	25	18.27	18.21	18.24		
10	64QAM	50	0	18.17	18.07	18.28		

Channel: 26715 / 26865 / 27015 — Frequency (MHz): 816.5 / 831.5 / 846.5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	18.18	18.24	18.21		
5	QPSK	1	12	17.94	18.39	18.24	19.5	0
5	QPSK	1	24	18.11	18.24	18.18		
5	QPSK	12	0	18.15	18.28	18.12		
5	QPSK	12	7	17.95	18.14	18.28	19.5	0
5	QPSK	12	13	18.14	18.19	18.05		
5	QPSK	25	0	17.87	18.14	18.09		
5	16QAM	1	0	18.18	18.31	18.13		
5	16QAM	1	12	18.06	18.21	18.13	19.5	0
5	16QAM	1	24	18.21	18.38	18.17		
5	16QAM	12	0	18.09	18.13	18.28		
5	16QAM	12	7	18.18	18.37	17.98	19.5	0
5	16QAM	12	13	17.95	18.15	18.11		
5	16QAM	25	0	18.03	18.26	18.23		
5	64QAM	1	0	18.17	18.06	18.18		
5	64QAM	1	12	18.02	18.06	18.19	19.5	0
5	64QAM	1	24	18.11	18.41	18.14		
5	64QAM	12	0	18.07	18.04	18.21		
5	64QAM	12	7	17.87	18.27	18.07	19.5	0
5	64QAM	12	13	18.11	18.24	18.23		
5	64QAM	25	0	18.26	18.31	18.16		

Channel: 26705 / 26865 / 27025 — Frequency (MHz): 815.5 / 831.5 / 847.5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	18.28	18.21	18.17		
3	QPSK	1	8	18.03	18.27	18.29	19.5	0
3	QPSK	1	14	18.30	18.20	18.09		
3	QPSK	8	0	18.26	18.24	18.14		
3	QPSK	8	4	17.97	18.19	18.26	19.5	0
3	QPSK	8	7	18.21	18.31	18.15		
3	QPSK	15	0	18.01	18.16	18.17		
3	16QAM	1	0	18.15	18.34	18.14		
3	16QAM	1	8	18.13	18.22	18.32	19.5	0
3	16QAM	1	14	18.14	18.16	18.19		
3	16QAM	8	0	17.87	18.14	18.15		
3	16QAM	8	4	18.08	18.33	18.06	19.5	0
3	16QAM	8	7	18.05	18.03	18.19		
3	16QAM	15	0	18.15	18.25	18.22		
3	64QAM	1	0	18.19	18.23	18.21		
3	64QAM	1	8	18.04	18.06	18.20	19.5	0
3	64QAM	1	14	18.05	18.41	18.06		
3	64QAM	8	0	18.15	18.01	18.21		
3	64QAM	8	4	17.96	18.08	18.13	19.5	0
3	64QAM	8	7	18.08	18.17	18.20		
3	64QAM	15	0	18.14	18.22	18.19		

Channel: 26697 / 26865 / 27033 — Frequency (MHz): 814.7 / 831.5 / 848.3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	18.15	18.35	18.25		
1.4	QPSK	1	3	18.11	18.33	18.27		
1.4	QPSK	1	5	18.23	18.30	18.27	19.5	0
1.4	QPSK	3	0	18.23	18.18	18.29		
1.4	QPSK	3	1	18.03	18.24	18.19		
1.4	QPSK	3	3	18.13	18.34	18.22		
1.4	QPSK	6	0	17.97	18.12	18.05	19.5	0
1.4	16QAM	1	0	18.27	18.30	18.13		
1.4	16QAM	1	3	17.99	18.09	18.32		
1.4	16QAM	1	5	18.27	18.38	18.31	19.5	0
1.4	16QAM	3	0	17.88	17.99	18.20		
1.4	16QAM	3	1	18.19	18.28	18.02		
1.4	16QAM	3	3	17.91	18.21	18.18		
1.4	16QAM	6	0	18.06	18.21	18.35	19.5	0
1.4	64QAM	1	0	18.13	18.03	18.30		
1.4	64QAM	1	3	13.04	18.14	18.03		
1.4	64QAM	1	5	18.03	18.27	18.22	19.5	0
1.4	64QAM	3	0	18.15	18.12	18.10		
1.4	64QAM	3	1	17.90	18.05	18.09		
1.4	64QAM	3	3	18.15	18.24	18.20		
1.4	64QAM	6	0	18.08	18.30	18.22	19.5	0

LTE Band 66

Channel: 132072 / 132322 / 132572 — Frequency (MHz): 1720 / 1745 / 1770

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	0	13.47	13.52	13.38		
20	QPSK	1	49	13.26	13.18	13.22	14	0
20	QPSK	1	99	13.17	13.13	13.34		
20	QPSK	50	0	13.17	13.31	13.22		
20	QPSK	50	24	12.98	13.24	13.27	14	0
20	QPSK	50	50	13.16	13.21	13.28		
20	QPSK	100	0	13.14	13.20	13.12		
20	16QAM	1	0	13.17	13.12	13.11		
20	16QAM	1	49	13.23	13.30	13.24	14	0
20	16QAM	1	99	13.19	13.15	13.36		
20	16QAM	50	0	13.27	13.15	13.03		
20	16QAM	50	24	13.12	13.10	13.22	14	0
20	16QAM	50	50	13.11	13.12	12.96		
20	16QAM	100	0	13.27	13.15	13.28		
20	64QAM	1	0	13.27	13.07	13.31		
20	64QAM	1	49	13.12	13.28	13.35	14	0
20	64QAM	1	99	13.10	13.19	13.26		
20	64QAM	50	0	13.31	13.21	13.03		
20	64QAM	50	24	13.15	13.12	13.01	14	0
20	64QAM	50	50	13.13	13.12	13.20		
20	64QAM	100	0	13.18	13.16	13.08		

Channel: 132047 / 132322 / 132597 — Frequency (MHz): 1717.5 / 1745 / 1772.5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	13.22	13.18	13.25		
15	QPSK	1	37	13.24	13.03	13.38	14	0
15	QPSK	1	74	13.13	13.17	13.28		
15	QPSK	36	0	13.02	13.15	13.19		
15	QPSK	36	20	13.18	13.06	13.21	14	0
15	QPSK	36	39	13.03	13.21	13.20		
15	QPSK	75	0	13.18	13.22	13.26		
15	16QAM	1	0	13.02	13.10	13.24		
15	16QAM	1	37	13.23	13.26	13.22	14	0
15	16QAM	1	74	13.24	13.30	13.17		
15	16QAM	36	0	13.17	13.25	13.14		
15	16QAM	36	20	13.30	13.12	13.14	14	0
15	16QAM	36	39	13.24	13.20	13.12		
15	16QAM	75	0	13.20	13.20	13.14		
15	64QAM	1	0	13.19	13.10	13.21		
15	64QAM	1	37	13.12	13.30	13.21	14	0
15	64QAM	1	74	13.03	13.13	13.39		
15	64QAM	36	0	13.31	13.19	13.15		
15	64QAM	36	20	13.23	13.26	13.06	14	0
15	64QAM	36	39	13.08	13.34	13.06		
15	64QAM	75	0	13.08	13.35	13.10		

Channel: 132222 / 132322 / 132622 — Frequency (MHz): 1715 / 1745 / 1775

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	13.20	13.21	13.23		
10	QPSK	1	25	13.31	12.98	13.30	14	0
10	QPSK	1	49	13.21	13.19	13.20		
10	QPSK	25	0	12.99	13.26	13.23		
10	QPSK	25	12	13.15	13.05	13.06	14	0
10	QPSK	25	25	13.12	13.23	13.14		
10	QPSK	50	0	13.10	13.20	13.18		
10	16QAM	1	0	13.04	13.16	13.20		
10	16QAM	1	25	13.20	13.17	13.17	14	0
10	16QAM	1	49	13.05	13.21	13.26		
10	16QAM	25	0	13.11	13.09	13.11		
10	16QAM	25	12	13.24	12.98	13.19	14	0
10	16QAM	25	25	13.17	13.17	13.31		
10	16QAM	50	0	13.18	13.18	13.31		
10	64QAM	1	0	13.13	13.11	13.20		
10	64QAM	1	25	13.10	13.07	13.22	14	0
10	64QAM	1	49	13.03	13.23	13.29		
10	64QAM	25	0	13.30	13.16	13.11		
10	64QAM	25	12	13.13	13.35	13.16	14	0
10	64QAM	25	25	13.04	13.19	13.08		
10	64QAM	50	0	13.03	13.37	13.30		

Channel: 131997 / 132322 / 132647 — Frequency (MHz): 1712.5 / 1745 / 1777.5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	13.29	13.26	13.14		
5	QPSK	1	12	13.18	13.04	13.10	14	0
5	QPSK	1	24	13.23	13.24	13.12		
5	QPSK	12	0	13.15	13.20	13.23		
5	QPSK	12	7	13.08	13.02	13.11	14	0
5	QPSK	12	13	13.18	13.22	13.26		
5	QPSK	25	0	13.07	13.13	13.08		
5	16QAM	1	0	12.99	13.24	13.13		
5	16QAM	1	12	13.22	13.18	13.06	14	0
5	16QAM	1	24	13.04	13.11	13.21		
5	16QAM	12	0	13.11	13.20	13.08		
5	16QAM	12	7	13.19	13.19	13.25	14	0
5	16QAM	12	13	13.25	13.33	12.97		
5	16QAM	25	0	13.08	13.34	13.25		
5	64QAM	1	0	13.17	13.07	13.11		
5	64QAM	1	12	13.16	13.18	13.12	14	0
5	64QAM	1	24	13.17	13.12	13.35		
5	64QAM	12	0	13.35	13.02	13.11		
5	64QAM	12	7	13.33	13.06	13.05	14	0
5	64QAM	12	13	13.24	13.21	13.06		
5	64QAM	25	0	13.05	13.25	13.08		

Channel: 131987 / 132322 / 132657 — Frequency (MHz): 1711.5 / 1745 / 1778.5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	13.24	13.20	13.33		
3	QPSK	1	8	13.22	13.09	13.18	14	0
3	QPSK	1	14	13.16	13.12	13.35		
3	QPSK	8	0	13.17	13.13	13.23		
3	QPSK	8	4	13.21	13.17	13.20	14	0
3	QPSK	8	7	13.10	13.13	13.27		
3	QPSK	15	0	13.22	13.15	13.26		
3	16QAM	1	0	13.14	13.18	13.26		
3	16QAM	1	8	13.28	13.20	13.15	14	0
3	16QAM	1	14	13.10	13.22	13.32		
3	16QAM	8	0	13.18	13.20	12.98		
3	16QAM	8	4	13.23	13.10	13.35	14	0
3	16QAM	8	7	13.17	13.16	13.23		
3	16QAM	15	0	13.04	13.06	13.18		
3	64QAM	1	0	13.23	13.24	13.19		
3	64QAM	1	8	13.04	13.17	13.18	14	0
3	64QAM	1	14	13.12	13.17	13.32		
3	64QAM	8	0	13.37	13.09	13.06		
3	64QAM	8	4	13.34	13.13	13.07	14	0
3	64QAM	8	7	13.04	13.28	13.04		
3	64QAM	15	0	13.23	13.37	13.11		

Channel: 131979 / 132322 / 132665 — Frequency (MHz): 1710.7 / 1745 / 1779.3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch.	Power Middle Ch.	Power High Ch.	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	13.28	13.29	13.33		
1.4	QPSK	1	3	13.16	13.30	13.14		
1.4	QPSK	1	5	13.26	13.24	13.34	14	0
1.4	QPSK	3	0	12.96	13.30	13.29		
1.4	QPSK	3	1	13.16	13.13	13.07		
1.4	QPSK	3	3	13.18	13.19	13.18		
1.4	QPSK	6	0	13.15	13.28	13.10	14	0
1.4	16QAM	1	0	13.07	13.12	13.14		
1.4	16QAM	1	3	13.27	13.23	13.12		
1.4	16QAM	1	5	13.21	13.10	13.26	14	0
1.4	16QAM	3	0	13.26	13.10	13.18		
1.4	16QAM	3	1	13.13	13.04	13.13		
1.4	16QAM	3	3	13.13	13.28	13.10		
1.4	16QAM	6	0	13.07	13.15	13.28	14	0
1.4	64QAM	1	0	13.27	13.12	13.32		
1.4	64QAM	1	3	13.19	13.24	13.30		
1.4	64QAM	1	5	13.01	13.11	13.37	14	0
1.4	64QAM	3	0	13.14	13.11	13.15		
1.4	64QAM	3	1	13.35	13.16	12.98		
1.4	64QAM	3	3	13.22	13.27	12.97		
1.4	64QAM	6	0	13.19	13.30	13.26	14	0

LTE Band 38

BW [MHz]	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	15.05	15.27	15.22	16	0
20	QPSK	1	49	15.04	15.19	15.01		
20	QPSK	1	99	14.93	15.13	15.03		
20	QPSK	50	0	15.02	15.26	15.04	16	0
20	QPSK	50	24	14.99	15.23	15.13		
20	QPSK	50	50	14.87	15.24	15.16		
20	QPSK	100	0	14.84	15.22	15.21		
20	16QAM	1	0	14.99	15.05	15.02	16	0
20	16QAM	1	49	14.98	15.17	15.05		
20	16QAM	1	99	15.01	15.17	15.19		
20	16QAM	50	0	14.84	15.12	15.02	16	0
20	16QAM	50	24	14.92	15.19	15.22		
20	16QAM	50	50	14.85	15.14	15.13		
20	16QAM	100	0	14.87	15.26	15.12		
20	64QAM	1	0	15.03	15.08	15.15	16	0
20	64QAM	1	49	14.97	15.11	15.07		
20	64QAM	1	99	14.93	15.18	15.10		
20	64QAM	50	0	14.90	15.06	15.04	16	0
20	64QAM	50	24	15.06	15.19	15.22		
20	64QAM	50	50	14.94	15.08	15.18		
20	64QAM	100	0	14.85	15.17	15.22		
		Channel		37825	38000	38175	Tune-up limit	MPR (dB)
		Frequency (MHz)		2577.5	2595	2612.5		
15	QPSK	1	0	14.86	15.25	15.06	16	0
15	QPSK	1	37	14.99	15.16	15.14		
15	QPSK	1	74	14.95	15.13	15.16		
15	QPSK	36	0	14.86	15.24	15.14	16	0
15	QPSK	36	20	14.84	15.12	15.13		
15	QPSK	36	39	14.85	15.14	15.09		
15	QPSK	75	0	15.00	15.26	15.13		
15	16QAM	1	0	14.91	15.07	15.02	16	0
15	16QAM	1	37	14.96	15.19	15.03		
15	16QAM	1	74	14.93	15.23	15.02		
15	16QAM	36	0	15.07	15.15	15.00	16	0
15	16QAM	36	20	15.02	15.08	15.03		
15	16QAM	36	39	14.91	15.20	15.16		
15	16QAM	75	0	15.04	15.26	15.03		
15	64QAM	1	0	14.86	15.25	15.12	16	0
15	64QAM	1	37	14.93	15.24	15.18		
15	64QAM	1	74	15.05	15.13	15.01		
15	64QAM	36	0	14.97	15.08	15.04	16	0
15	64QAM	36	20	14.95	15.17	15.11		
15	64QAM	36	39	15.07	15.12	15.07		
15	64QAM	75	0	14.97	15.20	15.00		
		Channel		37800	38000	38200	Tune-up limit	MPR (dB)
		Frequency (MHz)		2575	2595	2615		
10	QPSK	1	0	14.84	15.11	15.14	16	0
10	QPSK	1	25	15.05	15.18	15.00		
10	QPSK	1	49	14.95	15.05	15.21		
10	QPSK	25	0	14.95	15.24	15.02	16	0
10	QPSK	25	12	15.03	15.26	15.08		
10	QPSK	25	25	15.01	15.21	15.02		
10	QPSK	50	0	15.05	15.26	15.19		
10	16QAM	1	0	15.05	15.14	15.19	16	0
10	16QAM	1	25	14.86	15.05	15.21		
10	16QAM	1	49	15.05	15.04	15.12		
10	16QAM	25	0	15.02	15.16	15.19	16	0
10	16QAM	25	12	14.87	15.08	15.00		
10	16QAM	25	25	14.92	15.02	15.03		
10	16QAM	50	0	15.05	15.11	15.05		
10	64QAM	1	0	14.97	15.23	15.03	16	0
10	64QAM	1	25	14.90	15.22	15.02		
10	64QAM	1	49	14.99	15.13	15.19		
10	64QAM	25	0	15.01	14.91	15.17	16	0
10	64QAM	25	12	14.88	15.18	15.08		
10	64QAM	25	25	14.96	15.14	15.14		
10	64QAM	50	0	14.92	15.15	15.18		
		Channel		37775	38000	38225	Tune-up limit	MPR (dB)
		Frequency (MHz)		2572.5	2595	2617.5		
5	QPSK	1	0	15.04	15.25	15.10	16	0
5	QPSK	1	12	15.00	15.17	15.14		
5	QPSK	1	24	14.99	15.11	15.19		
5	QPSK	12	0	14.98	15.17	15.17	16	0
5	QPSK	12	7	14.99	15.20	15.03		
5	QPSK	12	13	15.04	15.17	15.10		
5	QPSK	25	0	14.92	15.26	15.11		
5	16QAM	1	0	14.99	15.22	15.06	16	0
5	16QAM	1	12	14.86	15.05	15.03		
5	16QAM	1	24	14.91	15.23	15.20		
5	16QAM	12	0	14.93	15.24	15.09	16	0
5	16QAM	12	7	14.96	15.15	15.04		
5	16QAM	12	13	14.86	15.09	15.09		
5	16QAM	25	0	14.93	15.16	15.03		
5	64QAM	1	0	14.86	15.08	15.02	16	0
5	64QAM	1	12	15.01	15.24	15.15		
5	64QAM	1	24	14.88	15.17	15.00		
5	64QAM	12	0	14.90	15.14	15.13	16	0
5	64QAM	12	7	14.95	15.17	15.17		
5	64QAM	12	13	14.90	15.08	15.02		
5	64QAM	25	0	14.86	15.12	15.10		

LTE Band 41

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	15.30	15.28	15.34	15.28	15.17	16	0
20	QPSK	1	49	15.14	15.18	15.25	15.30	15.16		
20	QPSK	1	99	15.22	15.27	15.24	15.18	14.99		
20	QPSK	50	0	15.22	15.13	15.31	15.09	15.09	16	0
20	QPSK	50	24	15.14	15.08	15.24	15.25	15.15		
20	QPSK	50	50	15.23	15.26	15.28	15.23	15.06		
20	QPSK	100	0	15.09	15.16	15.29	15.19	15.11		
20	16QAM	1	0	15.09	15.26	15.20	15.15	15.05	16	0
20	16QAM	1	49	15.18	15.08	15.20	15.30	15.12		
20	16QAM	1	99	15.19	15.27	15.22	15.18	15.08		
20	16QAM	50	0	15.09	15.26	15.29	15.25	15.08	16	0
20	16QAM	50	24	15.26	15.26	15.23	15.23	15.02		
20	16QAM	50	50	15.16	15.07	15.32	15.24	15.16		
20	16QAM	100	0	15.11	15.28	15.22	15.20	14.96		
20	64QAM	1	0	15.09	15.08	15.18	15.13	14.97	16	0
20	64QAM	1	49	15.22	15.29	15.23	15.13	14.99		
20	64QAM	1	99	15.14	15.21	15.31	15.15	15.19		
20	64QAM	50	0	15.10	15.18	15.22	15.16	15.02	16	0
20	64QAM	50	24	15.17	15.09	15.12	15.17	15.14		
20	64QAM	50	50	15.14	15.11	15.22	15.08	15.05		
20	64QAM	100	0	15.13	15.25	15.13	15.18	15.10		
		Channel		39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.28	15.12	15.19	15.14	15.00	16.00	0
15	QPSK	1	37	14.97	15.03	15.21	15.18	15.18		
15	QPSK	1	74	15.13	15.28	15.06	14.90	14.81		
15	QPSK	36	0	15.24	14.98	14.98	14.96	14.99	16	0
15	QPSK	36	20	15.05	14.93	15.11	15.08	14.94		
15	QPSK	36	39	15.10	15.10	15.26	15.07	14.88		
15	QPSK	75	0	15.04	15.08	15.08	15.07	15.12		
15	16QAM	1	0	15.10	15.20	15.02	15.14	15.03	16	0
15	16QAM	1	37	15.19	15.08	15.18	15.19	15.03		
15	16QAM	1	74	15.09	15.22	15.18	15.02	15.00		
15	16QAM	36	0	15.11	15.07	15.11	14.95	14.90	16	0
15	16QAM	36	20	15.13	15.14	15.06	15.17	14.85		
15	16QAM	36	39	15.13	14.89	15.32	15.12	15.12		
15	16QAM	75	0	15.11	15.13	15.05	15.06	14.75		
15	64QAM	1	0	15.12	15.01	15.06	14.99	14.89	16	0
15	64QAM	1	37	15.11	15.15	15.23	15.03	14.85		
15	64QAM	1	74	15.05	15.22	15.24	15.15	15.01		
15	64QAM	36	0	14.90	15.11	15.04	15.03	14.96	16	0
15	64QAM	36	20	15.12	15.03	15.09	14.97	14.99		
15	64QAM	36	39	15.15	15.07	15.32	15.08	14.97		
15	64QAM	75	0	15.09	15.15	15.05	15.11	15.09		
		Channel		39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
		Frequency (MHz)		2501	2547	2593	2639	2685		
10	QPSK	1	0	15.17	15.11	15.33	15.26	14.97	16.00	0
10	QPSK	1	25	15.05	14.98	15.12	15.27	15.03		
10	QPSK	1	49	15.18	15.09	15.22	14.91	14.85		
10	QPSK	25	0	15.02	15.13	15.06	15.08	14.87	16	0
10	QPSK	25	12	15.13	14.88	15.25	15.21	15.10		
10	QPSK	25	25	15.03	15.06	15.28	15.23	14.87		
10	QPSK	50	0	14.96	15.10	15.28	15.13	14.95		
10	16QAM	1	0	14.94	15.06	15.15	15.13	14.92	16	0
10	16QAM	1	25	15.06	15.07	15.24	15.14	15.05		
10	16QAM	1	49	15.13	15.29	15.07	15.13	14.93		
10	16QAM	25	0	14.99	15.08	15.14	14.92	14.97	16	0
10	16QAM	25	12	15.25	15.23	15.14	15.19	14.86		
10	16QAM	25	25	15.00	15.07	15.17	15.26	15.09		
10	16QAM	50	0	15.05	15.29	15.02	15.20	14.79		
10	64QAM	1	0	14.89	15.08	15.02	15.05	14.90	16	0
10	64QAM	1	25	15.19	15.21	15.15	15.08	14.90		
10	64QAM	1	49	14.96	15.15	15.24	15.04	15.20		
10	64QAM	25	0	15.02	15.14	15.10	15.05	14.97	16	0
10	64QAM	25	12	15.11	15.08	15.10	15.03	15.11		
10	64QAM	25	25	14.95	14.99	15.21	15.02	14.95		
10	64QAM	50	0	14.97	15.14	14.92	15.16	15.08		
		Channel		39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
		Frequency (MHz)		2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	15.17	15.16	15.32	15.14	14.99	16.00	0
5	QPSK	1	12	15.09	15.16	15.05	15.26	14.94		
5	QPSK	1	24	15.12	15.09	15.09	15.08	14.99		
5	QPSK	12	0	15.03	15.00	15.03	14.96	15.01	16	0
5	QPSK	12	7	15.09	14.92	15.23	15.12	15.12		
5	QPSK	12	13	15.17	15.18	15.25	15.03	15.04		
5	QPSK	25	0	14.98	15.05	15.24	15.08	14.89		
5	16QAM	1	0	14.95	15.10	15.06	15.07	14.97	16	0
5	16QAM	1	12	15.04	15.04	15.25	15.26	15.06		
5	16QAM	1	24	15.03	15.02	15.19	15.02	14.88		
5	16QAM	12	0	14.98	15.09	15.13	15.02	15.09	16	0
5	16QAM	12	7	15.14	15.18	15.04	15.15	14.86		
5	16QAM	12	13	15.14	14.98	15.16	15.26	15.09		
5	16QAM	25	0	15.10	15.20	15.13	15.02	14.89		
5	64QAM	1	0	14.94	15.02	15.01	15.00	14.97	16	0
5	64QAM	1	12	15.04	15.22	15.03	14.94	15.00		
5	64QAM	1	24	15.12	15.01	15.20	15.14	15.17		
5	64QAM	12	0	15.09	14.97	15.22	15.01	14.84	16	0
5	64QAM	12	7	15.14	14.92	15.02	15.15	15.10		
5	64QAM	12	13	15.00	14.99	15.29	15.08	14.90		
5	64QAM	25	0	14.99	15.17	14.95	14.99	14.93		

<2.4GHz WLAN>

Band	Mode	Channel	Frequency (MHz)	Full Power Average power (dBm)	Tune-Up Limit	Sensor on Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.90	20.50	12.90	14.50	100.00
		2	2417	18.71	20.50	12.56	14.50	
		6	2437	15.12	17.00	12.56	14.50	
		11	2462	16.74	18.50	12.77	14.50	
	802.11g 6Mbps	1	2412	17.90	19.50		14.50	96.97
		6	2437	17.78	19.50	Not Required	14.50	
		11	2462	17.96	19.50		14.50	
	802.11n-HT20 MCS0	1	2412	15.72	17.50		14.50	96.76
		6	2437	15.54	17.50		14.50	
		11	2462	15.81	17.50		14.50	

<5.2GHz WLAN>

Band	Mode	Channel	Frequency (MHz)	Full Power Average power (dBm)	Tune-Up Limit	Sensor on Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.43	18.00		11.50	96.48
		40	5200	16.49	18.00		11.50	
		44	5220	16.54	18.50		11.50	
		48	5240	16.49	18.00		11.50	
	802.11n-HT20 MCS0	36	5180	15.79	17.50		11.50	96.77
		40	5200	15.65	17.50		11.50	
		44	5220	15.81	17.50		11.50	
		48	5240	15.80	17.50		11.50	
	802.11n-HT40 MCS0	38	5190	13.71	15.50	Not Required	11.50	93.73
		46	5230	13.66	15.50		11.50	
	802.11ac-VHT20 MCS0	36	5180	14.85	16.50		11.50	96.27
		40	5200	14.83	16.50		11.50	
		44	5220	14.88	16.50		11.50	
		48	5240	14.82	16.50		11.50	
	802.11ac-VHT40 MCS0	38	5190	13.76	15.50		11.50	93.36
		46	5230	13.72	15.50		11.50	
	802.11ac-VHT80 MCS0	42	5210	12.94	14.50		11.50	87.50

<5.3GHz WLAN>

Band	Mode	Channel	Frequency (MHz)	Full Power Average power (dBm)	Tune-Up Limit	Sensor on Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.43	18.00		11.50	96.48
		56	5280	16.55	18.50		11.50	
		60	5300	16.48	18.00		11.50	
		64	5320	16.03	18.00		11.50	
	802.11n-HT20 MCS0	52	5260	15.76	17.50		11.50	96.77
		56	5280	15.78	17.50		11.50	
		60	5300	15.74	17.50		11.50	
		64	5320	15.69	17.50		11.50	
	802.11n-HT40 MCS0	54	5270	13.66	15.50	Not Required	11.50	93.73
		62	5310	13.74	15.50		11.50	
	802.11ac-VHT20 MCS0	52	5260	14.87	16.50		11.50	96.27
		56	5280	14.85	16.50		11.50	
		60	5300	14.78	16.50		11.50	
		64	5320	14.83	16.50		11.50	
	802.11ac-VHT40 MCS0	54	5270	13.73	15.50		11.50	93.36
		62	5310	13.78	15.50		11.50	
	802.11ac-VHT80 MCS0	58	5290	13.60	15.50	10.29	11.50	87.50

<5.5GHz WLAN>

Band	Mode	Channel	Frequency (MHz)	Full Power Average power (dBm)	Tune-Up Limit	Sensor on Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.95	17.50		12.00	96.48
		116	5580	16.11	18.00		12.00	
		124	5620	16.37	18.00		12.00	
		132	5660	16.42	18.00		12.00	
		140	5700	15.32	17.00		12.00	
		144	5720	16.47	18.00		12.00	
	802.11n-HT20 MCS0	100	5500	14.99	16.50		12.00	96.77
		116	5580	15.46	17.00		12.00	
		124	5620	15.46	17.00		12.00	
		132	5660	15.61	17.00		12.00	
		140	5700	13.49	15.00		12.00	
		144	5720	15.82	17.50		12.00	
	802.11n-HT40 MCS0	102	5510	13.11	15.00	Not Required	12.00	93.73
		110	5550	13.17	15.00		12.00	
		126	5630	13.47	15.00		12.00	
		134	5670	13.49	15.00		12.00	
		142	5710	13.59	15.00		12.00	
	802.11ac-VHT20 MCS0	100	5500	14.38	16.00		12.00	96.27
		116	5580	14.49	16.00		12.00	
		124	5620	14.65	16.00		12.00	
		132	5660	14.62	16.00		12.00	
		140	5700	13.43	15.00		12.00	
		144	5720	14.89	16.50		12.00	
	802.11ac-VHT40 MCS0	102	5510	13.19	15.00		12.00	93.36
		110	5550	13.24	15.00		12.00	
		126	5630	13.52	15.00		12.00	
		134	5670	13.56	15.00		12.00	
		142	5710	13.65	15.00		12.00	
	802.11ac-VHT80 MCS0	106	5530	13.24	15.00	10.24	12.00	87.50
		122	5610	13.43	15.00	10.65	12.00	
		138	5690	13.61	15.00	10.71	12.00	

<5.8GHz WLAN>

Band	Mode	Channel	Frequency (MHz)	Full Power Average power (dBm)	Tune-Up Limit	Sensor on Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.61	17.50		12.00	96.48
		157	5785	15.71	17.50		12.00	
		165	5825	15.77	17.50		12.00	
	802.11n-HT20 MCS0	149	5745	14.70	16.50		12.00	96.77
		157	5785	14.81	16.50		12.00	
		165	5825	14.95	16.50		12.00	
	802.11n-HT40 MCS0	151	5755	12.64	14.50	Not Required	12.00	93.73
		159	5795	12.81	14.50		12.00	
	802.11ac-VHT20 MCS0	149	5745	13.68	15.50		12.00	96.27
		157	5785	13.83	15.50		12.00	
		165	5825	13.88	15.50		12.00	
	802.11ac-VHT40 MCS0	151	5755	12.68	14.50		12.00	93.36
		159	5795	12.88	14.50		12.00	
	802.11ac-VHT80 MCS0	155	5775	12.83	14.50	10.96	12.00	87.50

\<Bluetooth\>

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.02	7.98	8.04
	CH 39	2441	9.82	7.95	7.99
	CH 78	2480	9.75	8.21	8.22
Tune-up Limit			11.50	9.50	9.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	-2.28
	CH 19	2440	-1.48
	CH 39	2480	-2.29
Tune-up Limit			-1.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			2Mbps
LE	CH 01	2404	-1.92
	CH 19	2440	-1.61
	CH 38	2478	-1.97
Tune-up Limit			-1.00