

Flat Mode Power Validation

Below output power measurement just verification when the device into flat mode

<UMTS Conducted Power>

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	12.62	12.59	12.50	14.00	12.80	12.68	12.67	14.00
3GPP Rel 6	HSDPA Subtest-1	11.65	11.43	11.33	13.50	11.82	11.57	11.75	13.50
3GPP Rel 6	HSDPA Subtest-2	11.52	11.36	11.56	13.50	11.76	11.71	11.62	13.50
3GPP Rel 6	HSDPA Subtest-3	11.04	10.92	10.91	13.00	11.20	11.04	11.14	13.00
3GPP Rel 6	HSDPA Subtest-4	11.14	10.81	11.17	13.00	11.16	11.21	11.11	13.00
3GPP Rel 8	DC-HSDPA Subtest-1	11.42	11.47	11.35	13.50	11.78	11.61	11.60	13.50
3GPP Rel 8	DC-HSDPA Subtest-2	11.47	11.43	11.41	13.50	11.60	11.54	11.62	13.50
3GPP Rel 8	DC-HSDPA Subtest-3	10.95	11.05	10.83	13.00	11.33	11.23	11.17	13.00
3GPP Rel 8	DC-HSDPA Subtest-4	10.95	10.90	10.98	13.00	11.30	11.15	11.06	13.00
3GPP Rel 6	HSUPA Subtest-1	11.78	11.56	11.60	13.50	11.78	11.65	11.77	13.50
3GPP Rel 6	HSUPA Subtest-2	9.62	9.35	9.45	11.50	9.77	9.55	9.78	11.50
3GPP Rel 6	HSUPA Subtest-3	10.69	10.42	10.65	12.50	10.71	10.61	10.73	12.50
3GPP Rel 6	HSUPA Subtest-4	9.52	9.48	9.39	11.50	9.78	9.60	9.65	11.50
3GPP Rel 6	HSUPA Subtest-5	11.52	11.40	11.56	13.50	11.83	11.76	11.77	13.50

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	14.35	14.43	14.33	15.50
3GPP Rel 6	HSDPA Subtest-1	13.26	13.13	13.25	15.00
3GPP Rel 6	HSDPA Subtest-2	13.43	13.25	13.24	15.00
3GPP Rel 6	HSDPA Subtest-3	12.77	12.91	12.75	14.50
3GPP Rel 6	HSDPA Subtest-4	12.88	12.77	12.73	14.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.27	13.25	13.26	15.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.28	13.31	13.25	15.00
3GPP Rel 8	DC-HSDPA Subtest-3	12.85	13.31	12.74	14.50
3GPP Rel 8	DC-HSDPA Subtest-4	12.79	13.23	12.76	14.50
3GPP Rel 6	HSUPA Subtest-1	13.33	13.26	13.20	15.00
3GPP Rel 6	HSUPA Subtest-2	11.24	11.22	11.41	13.00
3GPP Rel 6	HSUPA Subtest-3	12.37	13.34	12.32	14.00
3GPP Rel 6	HSUPA Subtest-4	11.34	11.25	11.24	13.00
3GPP Rel 6	HSUPA Subtest-5	13.32	13.42	13.25	15.00

<LTE Conducted Power>
<LTE Band 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.43	12.45	12.31	14	0
20	QPSK	1	49	12.15	12.10	12.14		
20	QPSK	1	99	12.27	12.12	12.14		
20	QPSK	50	0	12.10	12.14	12.28	14	0
20	QPSK	50	24	12.15	12.30	12.16		
20	QPSK	50	50	12.24	12.25	12.19		
20	QPSK	100	0	12.28	12.28	12.12	14	0
20	16QAM	1	0	12.22	12.24	12.15		
20	16QAM	1	49	12.22	12.19	12.27		
20	16QAM	1	99	12.29	12.13	12.12	14	0
20	16QAM	50	0	12.15	12.28	12.13		
20	16QAM	50	24	12.13	12.27	12.28		
20	16QAM	50	50	12.15	12.15	12.25	14	0
20	16QAM	100	0	12.20	12.20	12.19		
20	64QAM	1	0	12.30	12.27	12.25		
20	64QAM	1	49	12.29	12.20	12.18	14	0
20	64QAM	1	99	12.28	12.17	12.23		
20	64QAM	50	0	12.13	12.18	12.26		
20	64QAM	50	24	12.17	12.25	12.25	14	0
20	64QAM	50	50	12.11	12.15	12.28		
20	64QAM	100	0	12.14	12.14	12.24		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.16	12.15	12.14	14	0
15	QPSK	1	37	12.20	12.10	12.24		
15	QPSK	1	74	12.30	12.10	12.20		
15	QPSK	36	0	12.30	12.21	12.25	14	0
15	QPSK	36	20	12.15	12.11	12.21		
15	QPSK	36	39	12.12	12.28	12.28		
15	QPSK	75	0	12.18	12.27	12.14	14	0
15	16QAM	1	0	12.11	12.21	12.18		
15	16QAM	1	37	12.17	12.20	12.30		
15	16QAM	1	74	12.29	12.29	12.16	14	0
15	16QAM	36	0	12.17	12.16	12.20		
15	16QAM	36	20	12.25	12.22	12.12		
15	16QAM	36	39	12.11	12.24	12.23	14	0
15	16QAM	75	0	12.17	12.19	12.23		
15	64QAM	1	0	12.26	12.16	12.29		
15	64QAM	1	37	12.28	12.18	12.13	14	0
15	64QAM	1	74	12.20	12.11	12.30		
15	64QAM	36	0	12.30	12.15	12.16		
15	64QAM	36	20	12.30	12.20	12.16	14	0
15	64QAM	36	39	12.27	12.28	12.30		
15	64QAM	75	0	12.19	12.15	12.11		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.25	12.26	12.20	14	0
10	QPSK	1	25	12.20	12.26	12.28		
10	QPSK	1	49	12.11	12.14	12.29		

10	QPSK	25	0	12.21	12.30	12.30	14	0
10	QPSK	25	12	12.23	12.21	12.20		
10	QPSK	25	25	12.25	12.14	12.20		
10	QPSK	50	0	12.19	12.17	12.12		
10	16QAM	1	0	12.14	12.13	12.19	14	0
10	16QAM	1	25	12.21	12.10	12.17		
10	16QAM	1	49	12.23	12.25	12.23		
10	16QAM	25	0	12.28	12.10	12.18	14	0
10	16QAM	25	12	12.26	12.28	12.21		
10	16QAM	25	25	12.24	12.29	12.15		
10	16QAM	50	0	12.20	12.12	12.24		
10	64QAM	1	0	12.30	12.21	12.19	14	0
10	64QAM	1	25	12.27	12.25	12.26		
10	64QAM	1	49	12.29	12.19	12.11		
10	64QAM	25	0	12.15	12.19	12.28	14	0
10	64QAM	25	12	12.28	12.17	12.30		
10	64QAM	25	25	12.10	12.22	12.18		
10	64QAM	50	0	12.19	12.26	12.30		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.19	12.25	12.16	14	0
5	QPSK	1	12	12.16	12.27	12.18		
5	QPSK	1	24	12.29	12.24	12.26		
5	QPSK	12	0	12.25	12.14	12.16	14	0
5	QPSK	12	7	12.13	12.27	12.21		
5	QPSK	12	13	12.25	12.22	12.25		
5	QPSK	25	0	12.24	12.11	12.23		
5	16QAM	1	0	12.12	12.28	12.14	14	0
5	16QAM	1	12	12.14	12.28	12.16		
5	16QAM	1	24	12.15	12.17	12.29		
5	16QAM	12	0	12.22	12.24	12.26	14	0
5	16QAM	12	7	12.14	12.18	12.30		
5	16QAM	12	13	12.12	12.26	12.14		
5	16QAM	25	0	12.18	12.27	12.11		
5	64QAM	1	0	12.14	12.15	12.29	14	0
5	64QAM	1	12	12.14	12.10	12.17		
5	64QAM	1	24	12.15	12.18	12.10		
5	64QAM	12	0	12.27	12.20	12.30	14	0
5	64QAM	12	7	12.17	12.12	12.16		
5	64QAM	12	13	12.21	12.15	12.11		
5	64QAM	25	0	12.10	12.18	12.24		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.15	12.26	12.27	14	0
3	QPSK	1	8	12.28	12.30	12.18		
3	QPSK	1	14	12.25	12.22	12.29		
3	QPSK	8	0	12.23	12.11	12.26	14	0
3	QPSK	8	4	12.20	12.25	12.25		
3	QPSK	8	7	12.10	12.30	12.26		
3	QPSK	15	0	12.16	12.11	12.10		
3	16QAM	1	0	12.23	12.20	12.14	14	0
3	16QAM	1	8	12.23	12.25	12.10		
3	16QAM	1	14	12.30	12.23	12.15		
3	16QAM	8	0	12.27	12.26	12.17	14	0
3	16QAM	8	4	12.19	12.28	12.12		
3	16QAM	8	7	12.18	12.11	12.23		

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3	16QAM	15	0	12.16	12.11	12.28		
3	64QAM	1	0	12.29	12.17	12.28	14	0
3	64QAM	1	8	12.16	12.19	12.10		
3	64QAM	1	14	12.27	12.22	12.10		
3	64QAM	8	0	12.22	12.15	12.15	14	0
3	64QAM	8	4	12.12	12.14	12.17		
3	64QAM	8	7	12.22	12.11	12.29		
3	64QAM	15	0	12.24	12.30	12.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.25	12.29	12.26	14	0
1.4	QPSK	1	3	12.16	12.14	12.11		
1.4	QPSK	1	5	12.15	12.30	12.23		
1.4	QPSK	3	0	12.13	12.24	12.12		
1.4	QPSK	3	1	12.24	12.19	12.14		
1.4	QPSK	3	3	12.14	12.26	12.29		
1.4	QPSK	6	0	12.13	12.29	12.25	14	0
1.4	16QAM	1	0	12.12	12.23	12.16	14	0
1.4	16QAM	1	3	12.16	12.19	12.21		
1.4	16QAM	1	5	12.27	12.22	12.10		
1.4	16QAM	3	0	12.21	12.16	12.23		
1.4	16QAM	3	1	12.30	12.25	12.21		
1.4	16QAM	3	3	12.17	12.26	12.20		
1.4	16QAM	6	0	12.16	12.17	12.11	14	0
1.4	64QAM	1	0	12.24	12.12	12.24	14	0
1.4	64QAM	1	3	12.24	12.13	12.24		
1.4	64QAM	1	5	12.18	12.25	12.16		
1.4	64QAM	3	0	12.30	12.28	12.13		
1.4	64QAM	3	1	12.21	12.28	12.20		
1.4	64QAM	3	3	12.14	12.16	12.12		
1.4	64QAM	6	0	12.27	12.19	12.16	14	0

<LTE Band 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300	14.5	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.30	12.31	12.26		
20	QPSK	1	49	12.10	12.13	12.25	14.5	0
20	QPSK	1	99	12.23	12.23	12.15		
20	QPSK	50	0	12.14	12.27	12.27		
20	QPSK	50	24	12.10	12.20	12.15	14.5	0
20	QPSK	50	50	12.21	12.30	12.30		
20	QPSK	100	0	12.13	12.28	12.12		
20	16QAM	1	0	12.20	12.26	12.13	14.5	0
20	16QAM	1	49	12.12	12.26	12.13		
20	16QAM	1	99	12.18	12.15	12.10		
20	16QAM	50	0	12.16	12.19	12.28	14.5	0
20	16QAM	50	24	12.23	12.19	12.27		
20	16QAM	50	50	12.16	12.28	12.19		
20	16QAM	100	0	12.28	12.12	12.27	14.5	0
20	64QAM	1	0	12.28	12.13	12.21		
20	64QAM	1	49	12.22	12.17	12.15		
20	64QAM	1	99	12.20	12.27	12.20	14.5	0
20	64QAM	50	0	12.20	12.14	12.22		
20	64QAM	50	24	12.24	12.11	12.25		
20	64QAM	50	50	12.12	12.12	12.11	14.5	0
20	64QAM	100	0	12.25	12.12	12.22		
Channel				20025	20175	20325	14.5	0
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.30	12.25	12.26		
15	QPSK	1	37	12.25	12.14	12.21	14.5	0
15	QPSK	1	74	12.14	12.15	12.12		
15	QPSK	36	0	12.19	12.17	12.14	14.5	0
15	QPSK	36	20	12.29	12.15	12.24		
15	QPSK	36	39	12.30	12.15	12.28		
15	QPSK	75	0	12.12	12.23	12.15	14.5	0
15	16QAM	1	0	12.19	12.10	12.11		
15	16QAM	1	37	12.22	12.16	12.19		
15	16QAM	1	74	12.29	12.11	12.17	14.5	0
15	16QAM	36	0	12.12	12.15	12.11		
15	16QAM	36	20	12.16	12.20	12.20		
15	16QAM	36	39	12.21	12.20	12.12	14.5	0
15	16QAM	75	0	12.29	12.27	12.20		
15	64QAM	1	0	12.29	12.30	12.15		
15	64QAM	1	37	12.16	12.17	12.16	14.5	0
15	64QAM	1	74	12.30	12.22	12.30		
15	64QAM	36	0	12.14	12.29	12.10		
15	64QAM	36	20	12.16	12.18	12.28	14.5	0
15	64QAM	36	39	12.25	12.29	12.21		
15	64QAM	75	0	12.12	12.18	12.20		
Channel				20000	20175	20350	14.5	0
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.23	12.17	12.30		
10	QPSK	1	25	12.28	12.22	12.26	14.5	0
10	QPSK	1	49	12.30	12.18	12.13		
10	QPSK	25	0	12.20	12.19	12.23	14.5	0
10	QPSK	25	12	12.27	12.13	12.18		

10	QPSK	25	25	12.24	12.26	12.14		
10	QPSK	50	0	12.28	12.16	12.11		
10	16QAM	1	0	12.25	12.11	12.22		
10	16QAM	1	25	12.17	12.23	12.11	14.5	0
10	16QAM	1	49	12.24	12.26	12.25		
10	16QAM	25	0	12.25	12.10	12.20		
10	16QAM	25	12	12.25	12.22	12.25	14.5	0
10	16QAM	25	25	12.26	12.12	12.22		
10	16QAM	50	0	12.14	12.12	12.30		
10	64QAM	1	0	12.27	12.20	12.15	14.5	0
10	64QAM	1	25	12.23	12.27	12.23		
10	64QAM	1	49	12.11	12.12	12.22		
10	64QAM	25	0	12.20	12.28	12.28	14.5	0
10	64QAM	25	12	12.19	12.10	12.12		
10	64QAM	25	25	12.18	12.24	12.14		
10	64QAM	50	0	12.15	12.11	12.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.18	12.19	12.18	14.5	0
5	QPSK	1	12	12.14	12.15	12.11		
5	QPSK	1	24	12.17	12.27	12.27		
5	QPSK	12	0	12.10	12.27	12.11	14.5	0
5	QPSK	12	7	12.12	12.17	12.25		
5	QPSK	12	13	12.11	12.13	12.16		
5	QPSK	25	0	12.27	12.23	12.18		
5	16QAM	1	0	12.28	12.17	12.16	14.5	0
5	16QAM	1	12	12.25	12.15	12.28		
5	16QAM	1	24	12.14	12.28	12.29		
5	16QAM	12	0	12.19	12.11	12.28	14.5	0
5	16QAM	12	7	12.29	12.13	12.30		
5	16QAM	12	13	12.27	12.15	12.26		
5	16QAM	25	0	12.18	12.19	12.21		
5	64QAM	1	0	12.22	12.15	12.20	14.5	0
5	64QAM	1	12	12.14	12.16	12.30		
5	64QAM	1	24	12.20	12.14	12.25		
5	64QAM	12	0	12.30	12.18	12.30	14.5	0
5	64QAM	12	7	12.15	12.16	12.17		
5	64QAM	12	13	12.10	12.12	12.30		
5	64QAM	25	0	12.17	12.26	12.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.28	12.23	12.15	14.5	0
3	QPSK	1	8	12.23	12.17	12.27		
3	QPSK	1	14	12.16	12.15	12.29		
3	QPSK	8	0	12.15	12.19	12.24	14.5	0
3	QPSK	8	4	12.17	12.22	12.13		
3	QPSK	8	7	12.21	12.10	12.17		
3	QPSK	15	0	12.14	12.24	12.17		
3	16QAM	1	0	12.21	12.29	12.17	14.5	0
3	16QAM	1	8	12.18	12.12	12.27		
3	16QAM	1	14	12.26	12.13	12.13		
3	16QAM	8	0	12.17	12.28	12.19	14.5	0
3	16QAM	8	4	12.18	12.25	12.12		
3	16QAM	8	7	12.14	12.28	12.30		
3	16QAM	15	0	12.14	12.13	12.24		
3	64QAM	1	0	12.12	12.21	12.21	14.5	0

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3	64QAM	1	8	12.24	12.10	12.27	14.5	0
3	64QAM	1	14	12.12	12.17	12.16		
3	64QAM	8	0	12.20	12.17	12.16		
3	64QAM	8	4	12.25	12.22	12.13		
3	64QAM	8	7	12.28	12.26	12.15		
3	64QAM	15	0	12.25	12.15	12.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.25	12.20	12.17	14.5	0
1.4	QPSK	1	3	12.18	12.14	12.19		
1.4	QPSK	1	5	12.29	12.13	12.30		
1.4	QPSK	3	0	12.26	12.23	12.26		
1.4	QPSK	3	1	12.24	12.29	12.22		
1.4	QPSK	3	3	12.20	12.24	12.18		
1.4	QPSK	6	0	12.15	12.14	12.26	14.5	0
1.4	16QAM	1	0	12.28	12.21	12.23	14.5	0
1.4	16QAM	1	3	12.10	12.14	12.15		
1.4	16QAM	1	5	12.16	12.15	12.29		
1.4	16QAM	3	0	12.15	12.29	12.22		
1.4	16QAM	3	1	12.21	12.23	12.16		
1.4	16QAM	3	3	12.15	12.26	12.18		
1.4	16QAM	6	0	12.22	12.23	12.24	14.5	0
1.4	64QAM	1	0	12.24	12.12	12.13	14.5	0
1.4	64QAM	1	3	12.19	12.17	12.26		
1.4	64QAM	1	5	12.22	12.26	12.15		
1.4	64QAM	3	0	12.14	12.16	12.10		
1.4	64QAM	3	1	12.21	12.27	12.26		
1.4	64QAM	3	3	12.26	12.29	12.17		
1.4	64QAM	6	0	12.26	12.28	12.13	14.5	0

<LTE Band 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	16	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	15.52	15.65	15.63		
10	QPSK	1	25	15.39	15.33	15.49	16	0
10	QPSK	1	49	15.34	15.49	15.54		
10	QPSK	25	0	15.50	15.58	15.49		
10	QPSK	25	12	15.39	15.52	15.44	16	0
10	QPSK	25	25	15.29	15.37	15.32		
10	QPSK	50	0	15.36	15.55	15.55		
10	16QAM	1	0	15.34	15.50	15.44	16	0
10	16QAM	1	25	15.45	15.47	15.33		
10	16QAM	1	49	15.28	15.42	15.49		
10	16QAM	25	0	15.43	15.56	15.46	16	0
10	16QAM	25	12	15.30	15.36	15.40		
10	16QAM	25	25	15.50	15.42	15.46		
10	16QAM	50	0	15.37	15.37	15.45	16	0
10	64QAM	1	0	15.43	15.40	15.40		
10	64QAM	1	25	15.36	15.42	15.38		
10	64QAM	1	49	15.52	15.52	15.53	16	0
10	64QAM	25	0	15.48	15.23	15.47		
10	64QAM	25	12	15.40	15.32	15.43		
10	64QAM	25	25	15.46	15.42	15.34	16	0
10	64QAM	50	0	15.26	15.36	15.26		
Channel				20425	20525	20625	16	0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	15.41	15.29	15.47		
5	QPSK	1	12	15.40	15.29	15.33	16	0
5	QPSK	1	24	15.46	15.27	15.27		
5	QPSK	12	0	15.37	15.45	15.43	16	0
5	QPSK	12	7	15.47	15.33	15.46		
5	QPSK	12	13	15.38	15.49	15.34		
5	QPSK	25	0	15.35	15.40	15.41	16	0
5	16QAM	1	0	15.34	15.35	15.44		
5	16QAM	1	12	15.36	15.45	15.38		
5	16QAM	1	24	15.50	15.20	15.52	16	0
5	16QAM	12	0	15.38	15.50	15.50		
5	16QAM	12	7	15.41	15.28	15.28		
5	16QAM	12	13	15.36	15.38	15.33	16	0
5	16QAM	25	0	15.36	15.44	15.29		
5	64QAM	1	0	15.55	15.53	15.37		
5	64QAM	1	12	15.21	15.43	15.35	16	0
5	64QAM	1	24	15.37	15.25	15.44		
5	64QAM	12	0	15.46	15.32	15.35		
5	64QAM	12	7	15.41	15.42	15.33	16	0
5	64QAM	12	13	15.34	15.52	15.30		
5	64QAM	25	0	15.30	15.23	15.39		
Channel				20415	20525	20635	16	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	15.39	15.52	15.37		
3	QPSK	1	8	15.42	15.36	15.52	16	0
3	QPSK	1	14	15.42	15.50	15.44		
3	QPSK	8	0	15.54	15.52	15.32	16	0
3	QPSK	8	4	15.42	15.39	15.35		

3	QPSK	8	7	15.47	15.41	15.51	16	0
3	QPSK	15	0	15.43	15.38	15.48		
3	16QAM	1	0	15.21	15.35	15.21		
3	16QAM	1	8	15.33	15.38	15.42	16	0
3	16QAM	1	14	15.40	15.34	15.28		
3	16QAM	8	0	15.40	15.31	15.27		
3	16QAM	8	4	15.44	15.42	15.39	16	0
3	16QAM	8	7	15.38	15.22	15.24		
3	16QAM	15	0	15.27	15.32	15.36		
3	64QAM	1	0	15.33	15.32	15.51	16	0
3	64QAM	1	8	15.45	15.43	15.33		
3	64QAM	1	14	15.45	15.51	15.37		
3	64QAM	8	0	15.36	15.50	15.35	16	0
3	64QAM	8	4	15.33	15.46	15.43		
3	64QAM	8	7	15.38	15.23	15.39		
3	64QAM	15	0	15.33	15.36	15.39		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	15.46	15.46	15.34	16	0
1.4	QPSK	1	3	15.43	15.41	15.41		
1.4	QPSK	1	5	15.31	15.28	15.34		
1.4	QPSK	3	0	15.34	15.36	15.50		
1.4	QPSK	3	1	15.47	15.40	15.54		
1.4	QPSK	3	3	15.23	15.32	15.28		
1.4	QPSK	6	0	15.47	15.44	15.44	16	0
1.4	16QAM	1	0	15.30	15.38	15.41	16	0
1.4	16QAM	1	3	15.49	15.38	15.51		
1.4	16QAM	1	5	15.40	15.47	15.42		
1.4	16QAM	3	0	15.30	15.38	15.41		
1.4	16QAM	3	1	15.44	15.32	15.38		
1.4	16QAM	3	3	15.42	15.36	15.34		
1.4	16QAM	6	0	15.50	15.43	15.51	16	0
1.4	64QAM	1	0	15.39	15.28	15.27	16	0
1.4	64QAM	1	3	15.28	15.38	15.33		
1.4	64QAM	1	5	15.30	15.33	15.56		
1.4	64QAM	3	0	15.34	15.40	15.41		
1.4	64QAM	3	1	15.32	15.31	15.46		
1.4	64QAM	3	3	15.36	15.40	15.46		
1.4	64QAM	6	0	15.38	15.38	15.48	16	0

<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	11	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	10.57	10.62	10.52		
20	QPSK	1	49	10.47	10.41	10.48	11	0
20	QPSK	1	99	10.31	10.40	10.36		
20	QPSK	50	0	10.36	10.51	10.37		
20	QPSK	50	24	10.37	10.37	10.50	11	0
20	QPSK	50	50	10.45	10.50	10.49		
20	QPSK	100	0	10.33	10.38	10.32		
20	16QAM	1	0	10.45	10.32	10.37	11	0
20	16QAM	1	49	10.42	10.34	10.32		
20	16QAM	1	99	10.39	10.35	10.32		
20	16QAM	50	0	10.33	10.31	10.35	11	0
20	16QAM	50	24	10.48	10.38	10.45		
20	16QAM	50	50	10.47	10.44	10.40		
20	16QAM	100	0	10.51	10.45	10.47	11	0
20	64QAM	1	0	10.37	10.46	10.33		
20	64QAM	1	49	10.46	10.40	10.32		
20	64QAM	1	99	10.38	10.46	10.41	11	0
20	64QAM	50	0	10.41	10.35	10.34		
20	64QAM	50	24	10.32	10.32	10.34		
20	64QAM	50	50	10.34	10.42	10.37	11	0
20	64QAM	100	0	10.38	10.36	10.38		
Channel				20825	21100	21375	11	0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	10.51	10.47	10.49		
15	QPSK	1	37	10.33	10.51	10.31	11	0
15	QPSK	1	74	10.42	10.38	10.31		
15	QPSK	36	0	10.41	10.42	10.51		
15	QPSK	36	20	10.39	10.32	10.45	11	0
15	QPSK	36	39	10.35	10.42	10.34		
15	QPSK	75	0	10.39	10.44	10.51		
15	16QAM	1	0	10.44	10.44	10.32	11	0
15	16QAM	1	37	10.46	10.43	10.39		
15	16QAM	1	74	10.44	10.31	10.34		
15	16QAM	36	0	10.42	10.31	10.38	11	0
15	16QAM	36	20	10.47	10.35	10.51		
15	16QAM	36	39	10.40	10.33	10.38		
15	16QAM	75	0	10.37	10.44	10.39	11	0
15	64QAM	1	0	10.32	10.51	10.51		
15	64QAM	1	37	10.33	10.35	10.45		
15	64QAM	1	74	10.38	10.48	10.50	11	0
15	64QAM	36	0	10.38	10.50	10.32		
15	64QAM	36	20	10.43	10.35	10.41		
15	64QAM	36	39	10.35	10.42	10.37	11	0
15	64QAM	75	0	10.43	10.35	10.40		
Channel				20800	21100	21400	11	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	10.39	10.49	10.43		
10	QPSK	1	25	10.46	10.35	10.34	11	0
10	QPSK	1	49	10.46	10.44	10.36		
10	QPSK	25	0	10.50	10.43	10.39		
10	QPSK	25	12	10.45	10.41	10.45	11	0

10	QPSK	25	25	10.41	10.42	10.39		
10	QPSK	50	0	10.40	10.41	10.45		
10	16QAM	1	0	10.51	10.31	10.43	11	0
10	16QAM	1	25	10.32	10.50	10.33		
10	16QAM	1	49	10.34	10.45	10.43		
10	16QAM	25	0	10.37	10.39	10.45	11	0
10	16QAM	25	12	10.35	10.37	10.46		
10	16QAM	25	25	10.47	10.32	10.33		
10	16QAM	50	0	10.40	10.49	10.46		
10	64QAM	1	0	10.47	10.33	10.32	11	0
10	64QAM	1	25	10.46	10.50	10.50		
10	64QAM	1	49	10.32	10.40	10.47		
10	64QAM	25	0	10.39	10.34	10.39	11	0
10	64QAM	25	12	10.48	10.44	10.45		
10	64QAM	25	25	10.35	10.37	10.44		
10	64QAM	50	0	10.50	10.46	10.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	10.40	10.44	10.50	11	0
5	QPSK	1	12	10.43	10.33	10.42		
5	QPSK	1	24	10.40	10.51	10.46		
5	QPSK	12	0	10.34	10.38	10.50	11	0
5	QPSK	12	7	10.43	10.42	10.40		
5	QPSK	12	13	10.42	10.32	10.33		
5	QPSK	25	0	10.49	10.31	10.36		
5	16QAM	1	0	10.44	10.36	10.35	11	0
5	16QAM	1	12	10.50	10.49	10.40		
5	16QAM	1	24	10.44	10.37	10.49		
5	16QAM	12	0	10.49	10.35	10.39	11	0
5	16QAM	12	7	10.32	10.44	10.31		
5	16QAM	12	13	10.41	10.41	10.48		
5	16QAM	25	0	10.34	10.31	10.38		
5	64QAM	1	0	10.49	10.40	10.34	11	0
5	64QAM	1	12	10.34	10.32	10.40		
5	64QAM	1	24	10.37	10.36	10.33		
5	64QAM	12	0	10.41	10.32	10.33	11	0
5	64QAM	12	7	10.33	10.40	10.38		
5	64QAM	12	13	10.47	10.43	10.38		
5	64QAM	25	0	10.51	10.40	10.42		

<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	14	0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	13.88	13.90	13.94		
10	QPSK	1	25	13.70	13.69	13.69	14	0
10	QPSK	1	49	13.66	13.69	13.64		
10	QPSK	25	0	13.67	13.82	13.77		
10	QPSK	25	12	13.66	13.79	13.69	14	0
10	QPSK	25	25	13.71	13.80	13.79		
10	QPSK	50	0	13.77	13.77	13.68		
10	16QAM	1	0	13.80	13.79	13.71	14	0
10	16QAM	1	25	13.72	13.77	13.79		
10	16QAM	1	49	13.84	13.65	13.84		
10	16QAM	25	0	13.83	13.66	13.65	14	0
10	16QAM	25	12	13.83	13.74	13.67		
10	16QAM	25	25	13.82	13.76	13.67		
10	16QAM	50	0	13.77	13.79	13.80	14	0
10	64QAM	1	0	13.77	13.70	13.70		
10	64QAM	1	25	13.74	13.81	13.68		
10	64QAM	1	49	13.77	13.66	13.79	14	0
10	64QAM	25	0	13.74	13.82	13.67		
10	64QAM	25	12	13.77	13.70	13.73		
10	64QAM	25	25	13.71	13.67	13.78	14	0
10	64QAM	25	25	13.71	13.67	13.78		
10	64QAM	50	0	13.76	13.64	13.74		
Channel				23035	23095	23155	14	0
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	13.84	13.64	13.83		
5	QPSK	1	12	13.67	13.84	13.80	14	0
5	QPSK	1	24	13.83	13.83	13.66		
5	QPSK	12	0	13.79	13.71	13.77		
5	QPSK	12	7	13.66	13.68	13.66	14	0
5	QPSK	12	13	13.69	13.67	13.68		
5	QPSK	25	0	13.67	13.64	13.82		
5	16QAM	1	0	13.75	13.74	13.74	14	0
5	16QAM	1	12	13.83	13.69	13.64		
5	16QAM	1	24	13.80	13.75	13.66		
5	16QAM	12	0	13.84	13.72	13.64	14	0
5	16QAM	12	7	13.83	13.65	13.82		
5	16QAM	12	13	13.69	13.80	13.82		
5	16QAM	25	0	13.80	13.69	13.67	14	0
5	64QAM	1	0	13.77	13.65	13.81		
5	64QAM	1	12	13.80	13.68	13.74		
5	64QAM	1	24	13.73	13.72	13.71	14	0
5	64QAM	12	0	13.71	13.68	13.74		
5	64QAM	12	7	13.75	13.77	13.83		
5	64QAM	12	13	13.73	13.73	13.68	14	0
5	64QAM	12	13	13.73	13.73	13.68		
5	64QAM	25	0	13.84	13.65	13.79		
Channel				23025	23095	23165	14	0
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	13.81	13.84	13.77		
3	QPSK	1	8	13.71	13.67	13.80	14	0
3	QPSK	1	14	13.70	13.79	13.68		
3	QPSK	8	0	13.80	13.67	13.72		
3	QPSK	8	4	13.79	13.79	13.74	14	0

3	QPSK	8	7	13.80	13.71	13.67		
3	QPSK	15	0	13.65	13.71	13.78		
3	16QAM	1	0	13.80	13.66	13.76		
3	16QAM	1	8	13.75	13.72	13.74	14	0
3	16QAM	1	14	13.84	13.81	13.64		
3	16QAM	8	0	13.69	13.81	13.69		
3	16QAM	8	4	13.82	13.75	13.69	14	0
3	16QAM	8	7	13.68	13.66	13.81		
3	16QAM	15	0	13.78	13.73	13.74		
3	64QAM	1	0	13.82	13.66	13.65	14	0
3	64QAM	1	8	13.71	13.83	13.65		
3	64QAM	1	14	13.78	13.78	13.69		
3	64QAM	8	0	13.83	13.84	13.65	14	0
3	64QAM	8	4	13.69	13.77	13.77		
3	64QAM	8	7	13.81	13.81	13.68		
3	64QAM	15	0	13.67	13.65	13.64		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	13.74	13.77	13.68	14	0
1.4	QPSK	1	3	13.73	13.70	13.76		
1.4	QPSK	1	5	13.76	13.79	13.83		
1.4	QPSK	3	0	13.80	13.66	13.65		
1.4	QPSK	3	1	13.82	13.81	13.71		
1.4	QPSK	3	3	13.75	13.72	13.66		
1.4	QPSK	6	0	13.68	13.82	13.82	14	0
1.4	16QAM	1	0	13.69	13.74	13.84	14	0
1.4	16QAM	1	3	13.66	13.69	13.84		
1.4	16QAM	1	5	13.76	13.75	13.69		
1.4	16QAM	3	0	13.77	13.78	13.84		
1.4	16QAM	3	1	13.65	13.65	13.80		
1.4	16QAM	3	3	13.73	13.82	13.71		
1.4	16QAM	6	0	13.69	13.80	13.81	14	0
1.4	64QAM	1	0	13.66	13.74	13.73	14	0
1.4	64QAM	1	3	13.80	13.84	13.75		
1.4	64QAM	1	5	13.64	13.74	13.84		
1.4	64QAM	3	0	13.73	13.64	13.81		
1.4	64QAM	3	1	13.75	13.71	13.66		
1.4	64QAM	3	3	13.81	13.77	13.76		
1.4	64QAM	6	0	13.70	13.64	13.83	14	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		17.09		18	0
10	QPSK	1	25		16.90			
10	QPSK	1	49		16.96			
10	QPSK	25	0		16.89		18	0
10	QPSK	25	12		16.82			
10	QPSK	25	25		16.88			
10	QPSK	50	0		16.98		18	0
10	16QAM	1	0		16.93			
10	16QAM	1	25		16.82			
10	16QAM	1	49		16.96		18	0
10	16QAM	25	0		16.79			
10	16QAM	25	12		16.97			
10	16QAM	25	25		16.98		18	0
10	16QAM	50	0		16.79			
10	64QAM	1	0		16.94			
10	64QAM	1	25		16.95		18	0
10	64QAM	1	49		16.83			
10	64QAM	25	0		16.92			
10	64QAM	25	12		16.91		18	0
10	64QAM	25	25		16.95			
10	64QAM	50	0		16.97			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	16.98	16.95	16.84	18	0
5	QPSK	1	12	16.92	16.87	16.87		
5	QPSK	1	24	16.79	16.97	16.85		
5	QPSK	12	0	16.95	16.92	16.84	18	0
5	QPSK	12	7	16.81	16.80	16.95		
5	QPSK	12	13	16.92	16.87	16.95		
5	QPSK	25	0	16.87	16.90	16.97	18	0
5	16QAM	1	0	16.99	16.83	16.94		
5	16QAM	1	12	16.84	16.87	16.91		
5	16QAM	1	24	16.92	16.95	16.83	18	0
5	16QAM	12	0	16.93	16.89	16.93		
5	16QAM	12	7	16.88	16.90	16.90		
5	16QAM	12	13	16.79	16.92	16.83	18	0
5	16QAM	25	0	16.80	16.85	16.80		
5	64QAM	1	0	16.87	16.94	16.89		
5	64QAM	1	12	16.99	16.83	16.81	18	0
5	64QAM	1	24	16.81	16.92	16.95		
5	64QAM	12	0	16.93	16.86	16.85		
5	64QAM	12	7	16.90	16.92	16.93	18	0
5	64QAM	12	13	16.91	16.88	16.89		
5	64QAM	25	0	16.90	16.95	16.89		

<LTE Band 14>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		16.61		17	0
10	QPSK	1	25		16.38			
10	QPSK	1	49		16.30			
10	QPSK	25	0		16.45		17	0
10	QPSK	25	12		16.39			
10	QPSK	25	25		16.36			
10	QPSK	50	0		16.47		17	0
10	16QAM	1	0		16.31			
10	16QAM	1	25		16.47			
10	16QAM	1	49		16.31		17	0
10	16QAM	25	0		16.41			
10	16QAM	25	12		16.33			
10	16QAM	25	25		16.37		17	0
10	16QAM	50	0		16.36			
10	64QAM	1	0		16.48			
10	64QAM	1	25		16.36		17	0
10	64QAM	1	49		16.34			
10	64QAM	25	0		16.39			
10	64QAM	25	12		16.36		17	0
10	64QAM	25	25		16.32			
10	64QAM	50	0		16.41			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	16.35	16.30	16.35	17	0
5	QPSK	1	12	16.36	16.32	16.39		
5	QPSK	1	24	16.38	16.38	16.39		
5	QPSK	12	0	16.31	16.35	16.33	17	0
5	QPSK	12	7	16.39	16.39	16.35		
5	QPSK	12	13	16.40	16.44	16.36		
5	QPSK	25	0	16.48	16.41	16.39	17	0
5	16QAM	1	0	16.28	16.41	16.35		
5	16QAM	1	12	16.40	16.42	16.48		
5	16QAM	1	24	16.43	16.35	16.28	17	0
5	16QAM	12	0	16.40	16.32	16.30		
5	16QAM	12	7	16.48	16.43	16.38		
5	16QAM	12	13	16.43	16.48	16.32	17	0
5	16QAM	25	0	16.45	16.37	16.41		
5	64QAM	1	0	16.46	16.34	16.37		
5	64QAM	1	12	16.38	16.45	16.30	17	0
5	64QAM	1	24	16.37	16.37	16.48		
5	64QAM	12	0	16.38	16.29	16.38		
5	64QAM	12	7	16.43	16.42	16.39	17	0
5	64QAM	12	13	16.45	16.43	16.44		
5	64QAM	25	0	16.47	16.40	16.33		

<LTE Band 25>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590	14	0
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	13.07	13.00	13.03		
20	QPSK	1	49	12.79	12.87	12.98	14	0
20	QPSK	1	99	12.85	12.94	12.98		
20	QPSK	50	0	12.95	12.94	12.82		
20	QPSK	50	24	12.84	12.92	12.83	14	0
20	QPSK	50	50	12.82	12.84	12.86		
20	QPSK	100	0	12.92	12.84	12.88		
20	16QAM	1	0	12.86	12.88	12.90	14	0
20	16QAM	1	49	12.86	12.83	12.89		
20	16QAM	1	99	12.97	12.79	12.79		
20	16QAM	50	0	12.90	12.94	12.97	14	0
20	16QAM	50	24	12.82	12.82	12.91		
20	16QAM	50	50	12.83	12.86	12.87		
20	16QAM	100	0	12.93	12.81	12.83	14	0
20	64QAM	1	0	12.81	12.85	12.85		
20	64QAM	1	49	12.94	12.86	12.89		
20	64QAM	1	99	12.84	12.85	12.82	14	0
20	64QAM	50	0	12.87	12.83	12.88		
20	64QAM	50	24	12.86	12.89	12.92		
20	64QAM	50	50	12.81	12.79	12.90	14	0
20	64QAM	100	0	12.83	12.95	12.94		
Channel				26115	26340	26615	14	0
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	12.84	12.93	12.94		
15	QPSK	1	37	12.81	12.88	12.89	14	0
15	QPSK	1	74	12.87	12.83	12.80		
15	QPSK	36	0	12.88	12.79	12.93	14	0
15	QPSK	36	20	12.90	12.83	12.84		
15	QPSK	36	39	12.84	12.91	12.85		
15	QPSK	75	0	12.81	12.96	12.98	14	0
15	16QAM	1	0	12.82	12.90	12.97		
15	16QAM	1	37	12.87	12.93	12.89		
15	16QAM	1	74	12.90	12.88	12.87	14	0
15	16QAM	36	0	12.82	12.81	12.94		
15	16QAM	36	20	12.87	12.86	12.93		
15	16QAM	36	39	12.84	12.92	12.98	14	0
15	16QAM	75	0	12.86	12.85	12.85		
15	64QAM	1	0	12.79	12.93	12.88		
15	64QAM	1	37	12.91	12.83	12.83	14	0
15	64QAM	1	74	12.83	12.96	12.89		
15	64QAM	36	0	12.80	12.99	12.97		
15	64QAM	36	20	12.89	12.91	12.99	14	0
15	64QAM	36	39	12.83	12.97	12.91		
15	64QAM	75	0	12.98	12.86	12.99		
Channel				26090	26340	26640	14	0
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	12.97	12.88	12.93		
10	QPSK	1	25	12.97	12.94	12.90	14	0
10	QPSK	1	49	12.89	12.79	12.94		
10	QPSK	25	0	12.86	12.99	12.86	14	0
10	QPSK	25	12	12.92	12.99	12.90		



Flat Mode Power Validation

10	QPSK	25	25	12.93	12.82	12.95		
10	QPSK	50	0	12.98	12.99	12.93		
10	16QAM	1	0	12.81	12.86	12.95		
10	16QAM	1	25	12.91	12.80	12.81	14	0
10	16QAM	1	49	12.87	12.96	12.82		
10	16QAM	25	0	12.82	12.82	12.83		
10	16QAM	25	12	12.84	12.88	12.94	14	0
10	16QAM	25	25	12.93	12.82	12.94		
10	16QAM	50	0	12.89	12.86	12.86		
10	64QAM	1	0	12.91	12.91	12.88	14	0
10	64QAM	1	25	12.93	12.92	12.83		
10	64QAM	1	49	12.81	12.90	12.89		
10	64QAM	25	0	12.91	12.98	12.88	14	0
10	64QAM	25	12	12.87	12.91	12.94		
10	64QAM	25	25	12.90	12.88	12.98		
10	64QAM	50	0	12.98	12.79	12.97		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	12.87	12.79	12.86	14	0
5	QPSK	1	12	12.82	12.92	12.99		
5	QPSK	1	24	12.88	12.95	12.87		
5	QPSK	12	0	12.92	12.90	12.82	14	0
5	QPSK	12	7	12.99	12.85	12.96		
5	QPSK	12	13	12.82	12.92	12.96		
5	QPSK	25	0	12.79	12.90	12.84	14	0
5	16QAM	1	0	12.95	12.79	12.81		
5	16QAM	1	12	12.84	12.92	12.92		
5	16QAM	1	24	12.93	12.87	12.87	14	0
5	16QAM	12	0	12.81	12.91	12.85		
5	16QAM	12	7	12.98	12.88	12.92		
5	16QAM	12	13	12.91	12.88	12.80	14	0
5	16QAM	25	0	12.84	12.84	12.91		
5	64QAM	1	0	12.79	12.89	12.91		
5	64QAM	1	12	12.85	12.82	12.91	14	0
5	64QAM	1	24	12.97	12.84	12.82		
5	64QAM	12	0	12.82	12.90	12.97		
5	64QAM	12	7	12.91	12.85	12.95	14	0
5	64QAM	12	13	12.93	12.95	12.87		
5	64QAM	25	0	12.80	12.92	12.94		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	12.98	12.91	12.90	14	0
3	QPSK	1	8	12.90	12.95	12.98		
3	QPSK	1	14	12.88	12.94	12.81		
3	QPSK	8	0	12.84	12.81	12.83	14	0
3	QPSK	8	4	12.88	12.97	12.84		
3	QPSK	8	7	12.79	12.93	12.80		
3	QPSK	15	0	12.96	12.87	12.91	14	0
3	16QAM	1	0	12.88	12.82	12.93		
3	16QAM	1	8	12.98	12.90	12.99		
3	16QAM	1	14	12.80	12.85	12.92	14	0
3	16QAM	8	0	12.89	12.85	12.98		
3	16QAM	8	4	12.83	12.86	12.93		
3	16QAM	8	7	12.81	12.99	12.95	14	0
3	16QAM	15	0	12.94	12.82	12.87		
3	64QAM	1	0	12.96	12.98	12.97	14	0

3	64QAM	1	8	12.85	12.90	12.92		
3	64QAM	1	14	12.83	12.93	12.84		
3	64QAM	8	0	12.98	12.83	12.81	14	0
3	64QAM	8	4	12.99	12.84	12.81		
3	64QAM	8	7	12.93	12.79	12.88		
3	64QAM	15	0	12.89	12.82	12.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	12.98	12.99	12.99	14	0
1.4	QPSK	1	3	12.91	12.86	12.84		
1.4	QPSK	1	5	12.82	12.79	12.91		
1.4	QPSK	3	0	12.82	12.88	12.82		
1.4	QPSK	3	1	12.98	12.94	12.90		
1.4	QPSK	3	3	12.85	12.96	12.82		
1.4	QPSK	6	0	12.91	12.96	12.84	14	0
1.4	16QAM	1	0	12.80	12.85	12.80	14	0
1.4	16QAM	1	3	12.79	12.93	12.97		
1.4	16QAM	1	5	12.97	12.97	12.97		
1.4	16QAM	3	0	12.97	12.90	12.99		
1.4	16QAM	3	1	12.81	12.83	12.97		
1.4	16QAM	3	3	12.86	12.87	12.83		
1.4	16QAM	6	0	12.98	12.96	12.86	14	0
1.4	64QAM	1	0	12.90	12.96	12.94	14	0
1.4	64QAM	1	3	12.86	12.87	12.96		
1.4	64QAM	1	5	12.89	12.82	12.84		
1.4	64QAM	3	0	12.99	12.90	12.90		
1.4	64QAM	3	1	12.90	12.92	12.96		
1.4	64QAM	3	3	12.83	12.99	12.99		
1.4	64QAM	6	0	12.95	12.97	12.97	14	0

<LTE Band 26>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965	16	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	15.11	15.13	15.10		
15	QPSK	1	37	14.98	15.12	15.03	16	0
15	QPSK	1	74	14.96	15.01	15.10		
15	QPSK	36	0	15.20	15.22	14.96		
15	QPSK	36	20	15.13	15.18	14.95	16	0
15	QPSK	36	39	14.86	15.02	15.09		
15	QPSK	75	0	15.07	15.09	14.90		
15	16QAM	1	0	15.07	15.15	15.16	16	0
15	16QAM	1	37	14.85	15.11	15.04		
15	16QAM	1	74	14.89	14.97	14.99		
15	16QAM	36	0	15.03	14.87	14.95	16	0
15	16QAM	36	20	14.89	14.92	14.90		
15	16QAM	36	39	15.01	15.01	14.92		
15	16QAM	75	0	14.95	15.01	15.01	16	0
15	64QAM	1	0	15.04	14.86	14.95		
15	64QAM	1	37	15.03	14.99	14.96		
15	64QAM	1	74	15.15	14.90	14.90	16	0
15	64QAM	36	0	15.16	14.85	15.02		
15	64QAM	36	20	14.90	14.97	15.04		
15	64QAM	36	39	15.09	14.85	14.93	16	0
15	64QAM	75	0	14.99	14.93	15.06		
Channel				26740	26865	26990	16	0
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	15.10	15.10	15.08		
10	QPSK	1	25	14.96	15.12	14.99	16	0
10	QPSK	1	49	14.90	14.93	15.06		
10	QPSK	25	0	15.12	15.12	14.95	16	0
10	QPSK	25	12	15.08	15.10	14.90		
10	QPSK	25	25	14.82	14.98	15.09		
10	QPSK	50	0	15.03	15.07	14.80	16	0
10	16QAM	1	0	15.01	15.09	15.10		
10	16QAM	1	25	14.77	15.04	14.94		
10	16QAM	1	49	14.82	14.88	14.97	16	0
10	16QAM	25	0	14.97	14.81	14.86		
10	16QAM	25	12	14.88	14.89	14.84		
10	16QAM	25	25	14.98	14.94	14.91	16	0
10	16QAM	50	0	14.91	15.00	14.92		
10	64QAM	1	0	14.96	14.84	14.95		
10	64QAM	1	25	15.03	14.93	14.94	16	0
10	64QAM	1	49	15.14	14.80	14.87		
10	64QAM	25	0	15.07	14.80	14.93		
10	64QAM	25	12	14.87	14.94	14.98	16	0
10	64QAM	25	25	15.02	14.76	14.89		
10	64QAM	50	0	14.91	14.89	14.98		
Channel				26715	26865	27015	16	0
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	15.10	15.07	15.08		
5	QPSK	1	12	14.95	15.11	14.91	16	0
5	QPSK	1	24	14.87	14.92	15.03		
5	QPSK	12	0	15.11	15.11	14.91	16	0
5	QPSK	12	7	15.08	15.10	14.83		

5	QPSK	12	13	14.80	14.96	15.04		
5	QPSK	25	0	14.96	15.00	14.72		
5	16QAM	1	0	14.95	15.06	15.04		
5	16QAM	1	12	14.69	14.97	14.85	16	0
5	16QAM	1	24	14.75	14.86	14.87		
5	16QAM	12	0	14.91	14.75	14.80		
5	16QAM	12	7	14.88	14.79	14.76	16	0
5	16QAM	12	13	14.91	14.93	14.90		
5	16QAM	25	0	14.91	14.91	14.86		
5	64QAM	1	0	14.90	14.78	14.91	16	0
5	64QAM	1	12	15.01	14.85	14.91		
5	64QAM	1	24	15.05	14.76	14.83		
5	64QAM	12	0	14.98	14.70	14.87	16	0
5	64QAM	12	7	14.82	14.92	14.97		
5	64QAM	12	13	14.94	14.67	14.79		
5	64QAM	25	0	14.89	14.88	14.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	15.08	15.00	15.08	16	0
3	QPSK	1	8	14.89	15.05	14.88		
3	QPSK	1	14	14.87	14.83	14.99		
3	QPSK	8	0	15.01	15.08	14.91	16	0
3	QPSK	8	4	15.07	15.02	14.79		
3	QPSK	8	7	14.75	14.95	15.04		
3	QPSK	15	0	14.92	14.95	14.63		
3	16QAM	1	0	14.91	14.96	15.04	16	0
3	16QAM	1	8	14.61	14.92	14.77		
3	16QAM	1	14	14.71	14.77	14.81		
3	16QAM	8	0	14.82	14.74	14.80	16	0
3	16QAM	8	4	14.78	14.74	14.73		
3	16QAM	8	7	14.81	14.84	14.85		
3	16QAM	15	0	14.89	14.90	14.79		
3	64QAM	1	0	14.81	14.74	14.84	16	0
3	64QAM	1	8	14.99	14.85	14.89		
3	64QAM	1	14	14.99	14.73	14.82		
3	64QAM	8	0	14.98	14.64	14.79	16	0
3	64QAM	8	4	14.82	14.91	14.96		
3	64QAM	8	7	14.90	14.63	14.74		
3	64QAM	15	0	14.86	14.84	14.89		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	15.00	14.91	15.01	16	0
1.4	QPSK	1	3	14.79	14.97	14.81		
1.4	QPSK	1	5	14.81	14.77	14.91		
1.4	QPSK	3	0	14.94	15.07	14.91		
1.4	QPSK	3	1	15.03	14.93	14.75		
1.4	QPSK	3	3	14.65	14.92	15.04		
1.4	QPSK	6	0	14.90	14.87	14.56	16	0
1.4	16QAM	1	0	14.87	14.94	15.04	16	0
1.4	16QAM	1	3	14.55	14.90	14.69		
1.4	16QAM	1	5	14.64	14.77	14.72		
1.4	16QAM	3	0	14.77	14.71	14.70		
1.4	16QAM	3	1	14.69	14.71	14.70		
1.4	16QAM	3	3	14.77	14.82	14.80		
1.4	16QAM	6	0	14.81	14.90	14.78	16	0
1.4	64QAM	1	0	14.74	14.72	14.75	16	0

1.4	64QAM	1	3	14.97	14.76	14.81		
1.4	64QAM	1	5	14.95	14.63	14.81		
1.4	64QAM	3	0	14.89	14.64	14.70		
1.4	64QAM	3	1	14.76	14.81	14.90		
1.4	64QAM	3	3	14.86	14.58	14.67		
1.4	64QAM	6	0	14.84	14.83	14.89	16	0

<LTE Band 30>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0		12.94		14	0
10	QPSK	1	25		12.69			
10	QPSK	1	49		12.79			
10	QPSK	25	0		12.78		14	0
10	QPSK	25	12		12.49			
10	QPSK	25	25		12.59			
10	QPSK	50	0		12.84		14	0
10	16QAM	1	0		12.83			
10	16QAM	1	25		12.56			
10	16QAM	1	49		12.60		14	0
10	16QAM	25	0		12.50			
10	16QAM	25	12		12.57			
10	16QAM	25	25		12.54		14	0
10	16QAM	50	0		12.64			
10	64QAM	1	0		12.48			
10	64QAM	1	25		12.86		14	0
10	64QAM	1	49		12.69			
10	64QAM	25	0		12.69			
10	64QAM	25	12		12.56		14	0
10	64QAM	25	25		12.59			
10	64QAM	50	0		12.49			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.78	12.54	12.55	14	0
5	QPSK	1	12	12.64	12.69	12.53		
5	QPSK	1	24	12.49	12.79	12.58		
5	QPSK	12	0	12.88	12.51	12.51	14	0
5	QPSK	12	7	12.77	12.80	12.84		
5	QPSK	12	13	12.77	12.86	12.73		
5	QPSK	25	0	12.51	12.86	12.88	14	0
5	16QAM	1	0	12.65	12.61	12.67		
5	16QAM	1	12	12.65	12.83	12.54		
5	16QAM	1	24	12.68	12.65	12.82	14	0
5	16QAM	12	0	12.74	12.79	12.56		
5	16QAM	12	7	12.55	12.82	12.64		
5	16QAM	12	13	12.68	12.54	12.86	14	0
5	16QAM	25	0	12.70	12.75	12.52		
5	64QAM	1	0	12.81	12.56	12.51		
5	64QAM	1	12	12.80	12.81	12.60	14	0
5	64QAM	1	24	12.56	12.58	12.54		
5	64QAM	12	0	12.76	12.56	12.79		
5	64QAM	12	7	12.60	12.49	12.68	14	0

5	64QAM	12	13	12.57	12.67	12.51		
5	64QAM	25	0	12.68	12.68	12.64		

<LTE Band 66>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.44	13.64	13.75	14.5	0
20	QPSK	1	49	13.09	13.28	13.04		
20	QPSK	1	99	13.26	12.95	13.14		
20	QPSK	50	0	12.97	13.32	13.32	14.5	0
20	QPSK	50	24	13.29	13.25	13.27		
20	QPSK	50	50	13.32	13.24	13.28		
20	QPSK	100	0	13.08	13.01	13.16	14.5	0
20	16QAM	1	0	13.26	13.11	13.31		
20	16QAM	1	49	13.07	13.23	13.16		
20	16QAM	1	99	13.01	13.04	13.32	14.5	0
20	16QAM	50	0	13.05	13.00	13.26		
20	16QAM	50	24	13.25	13.29	13.11		
20	16QAM	50	50	13.16	13.13	13.27	14.5	0
20	16QAM	100	0	13.14	13.20	12.96		
20	64QAM	1	0	13.07	13.19	13.08		
20	64QAM	1	49	12.96	13.14	13.24	14.5	0
20	64QAM	1	99	13.27	13.02	13.27		
20	64QAM	50	0	13.20	13.22	13.05		
20	64QAM	50	24	13.02	13.08	13.21	14.5	0
20	64QAM	50	50	13.14	12.97	13.13		
20	64QAM	100	0	13.11	13.14	13.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.31	13.12	13.31	14.5	0
15	QPSK	1	37	13.31	13.31	13.09		
15	QPSK	1	74	13.20	13.27	12.98		
15	QPSK	36	0	13.07	12.97	13.13	14.5	0
15	QPSK	36	20	13.12	13.35	13.20		
15	QPSK	36	39	13.22	13.26	13.17		
15	QPSK	75	0	13.11	12.99	13.23	14.5	0
15	16QAM	1	0	13.15	13.30	13.20		
15	16QAM	1	37	13.30	13.02	12.96		
15	16QAM	1	74	13.12	13.15	13.01	14.5	0
15	16QAM	36	0	13.16	13.07	13.03		
15	16QAM	36	20	13.30	13.15	13.15		
15	16QAM	36	39	13.24	13.10	13.26	14.5	0
15	16QAM	75	0	13.14	12.96	13.11		
15	64QAM	1	0	13.27	13.18	13.04		
15	64QAM	1	37	12.99	13.30	13.30	14.5	0
15	64QAM	1	74	13.07	12.99	13.01		
15	64QAM	36	0	13.08	13.14	13.34		
15	64QAM	36	20	13.26	13.08	13.15	14.5	0
15	64QAM	36	39	13.04	13.04	13.20		
15	64QAM	75	0	13.35	13.24	13.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.99	13.29	13.00	14.5	0

10	QPSK	1	25	13.06	13.23	13.14	14.5	0
10	QPSK	1	49	13.25	13.05	13.09		
10	QPSK	25	0	13.13	13.13	13.10		
10	QPSK	25	12	13.05	13.07	13.23		
10	QPSK	25	25	13.28	13.34	13.32		
10	QPSK	50	0	13.18	13.10	13.27	14.5	0
10	16QAM	1	0	13.06	13.11	13.32		
10	16QAM	1	25	13.10	13.05	13.10		
10	16QAM	1	49	13.15	13.02	13.09		
10	16QAM	25	0	12.98	13.26	13.24		
10	16QAM	25	12	13.21	13.33	13.10	14.5	0
10	16QAM	25	25	13.23	13.04	13.07		
10	16QAM	50	0	13.24	13.20	12.95		
10	64QAM	1	0	13.29	13.21	13.04		
10	64QAM	1	25	13.26	13.30	13.13		
10	64QAM	1	49	13.23	13.08	13.30	14.5	0
10	64QAM	25	0	13.05	13.04	13.23		
10	64QAM	25	12	13.05	13.26	13.18		
10	64QAM	25	25	13.23	13.24	13.15		
10	64QAM	50	0	13.28	12.99	12.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.06	13.23	13.20	14.5	0
5	QPSK	1	12	13.09	13.06	12.96		
5	QPSK	1	24	13.17	13.05	13.29		
5	QPSK	12	0	13.32	13.01	12.97	14.5	0
5	QPSK	12	7	13.31	13.27	13.35		
5	QPSK	12	13	13.03	13.09	13.06		
5	QPSK	25	0	12.99	13.26	12.99		
5	16QAM	1	0	13.18	13.23	13.11		
5	16QAM	1	12	13.29	12.97	13.28	14.5	0
5	16QAM	1	24	12.97	13.22	13.00		
5	16QAM	12	0	12.99	13.33	13.24		
5	16QAM	12	7	13.32	13.08	13.11	14.5	0
5	16QAM	12	13	13.29	13.27	13.04		
5	16QAM	25	0	12.96	13.04	13.25		
5	64QAM	1	0	13.04	13.34	13.17		
5	64QAM	1	12	13.05	13.21	13.35		
5	64QAM	1	24	13.21	13.26	13.13	14.5	0
5	64QAM	12	0	13.05	13.26	13.26		
5	64QAM	12	7	13.32	13.01	12.99		
5	64QAM	12	13	13.35	13.23	13.12		
5	64QAM	25	0	13.28	13.10	13.02		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.21	13.03	13.05	14.5	0
3	QPSK	1	8	13.04	13.07	13.20		
3	QPSK	1	14	13.09	13.05	13.11		
3	QPSK	8	0	12.95	13.29	13.01	14.5	0
3	QPSK	8	4	12.95	13.34	13.34		
3	QPSK	8	7	13.23	13.30	13.34		
3	QPSK	15	0	12.97	13.13	13.05		
3	16QAM	1	0	13.08	12.98	13.16		
3	16QAM	1	8	13.08	13.15	12.97	14.5	0
3	16QAM	1	14	13.08	13.12	13.18		
3	16QAM	8	0	13.27	13.06	13.13		

3	16QAM	8	4	13.06	13.35	13.29		
3	16QAM	8	7	13.01	13.20	13.12		
3	16QAM	15	0	13.20	12.95	12.95		
3	64QAM	1	0	13.09	13.01	13.30	14.5	0
3	64QAM	1	8	13.18	13.01	12.98		
3	64QAM	1	14	13.27	13.26	12.95		
3	64QAM	8	0	13.30	13.35	13.24	14.5	0
3	64QAM	8	4	13.26	12.99	12.95		
3	64QAM	8	7	13.26	13.14	12.95		
3	64QAM	15	0	12.98	13.13	13.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.17	13.29	13.29	14.5	0
1.4	QPSK	1	3	13.27	12.98	13.10		
1.4	QPSK	1	5	13.17	13.17	13.30		
1.4	QPSK	3	0	13.28	13.34	13.14		
1.4	QPSK	3	1	13.13	13.12	13.26		
1.4	QPSK	3	3	12.98	13.04	13.00		
1.4	QPSK	6	0	13.20	13.35	13.03	14.5	0
1.4	16QAM	1	0	13.18	13.10	13.07	14.5	0
1.4	16QAM	1	3	13.28	13.30	13.10		
1.4	16QAM	1	5	13.27	13.07	13.12		
1.4	16QAM	3	0	12.95	13.34	12.99		
1.4	16QAM	3	1	13.34	13.23	13.18		
1.4	16QAM	3	3	13.14	13.07	13.06		
1.4	16QAM	6	0	13.12	13.32	13.20	14.5	0
1.4	64QAM	1	0	13.17	13.29	13.29	14.5	0
1.4	64QAM	1	3	13.20	13.04	13.27		
1.4	64QAM	1	5	12.95	13.19	13.24		
1.4	64QAM	3	0	12.96	13.29	13.17		
1.4	64QAM	3	1	13.22	12.95	13.27		
1.4	64QAM	3	3	13.20	13.07	13.00		
1.4	64QAM	6	0	13.27	13.26	13.22	14.5	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	13	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	12.14	12.15	12.04		
20	QPSK	1	49	12.00	11.94	12.03	13	0
20	QPSK	1	99	12.10	11.96	12.01		
20	QPSK	50	0	12.03	12.10	12.02		
20	QPSK	50	24	11.92	12.07	12.02	13	0
20	QPSK	50	50	12.01	12.09	12.07		
20	QPSK	100	0	12.00	12.01	11.94		
20	16QAM	1	0	12.10	11.90	12.08	13	0
20	16QAM	1	49	11.96	12.07	11.93		
20	16QAM	1	99	11.93	11.92	12.08		
20	16QAM	50	0	11.97	12.10	12.01	13	0
20	16QAM	50	24	12.10	12.08	12.05		
20	16QAM	50	50	12.06	12.00	11.95		
20	16QAM	100	0	11.97	12.01	11.91	13	0
20	64QAM	1	0	12.05	12.10	11.91		
20	64QAM	1	49	11.99	12.00	12.00		
20	64QAM	1	99	12.05	12.03	12.08	13	0
20	64QAM	50	0	12.00	12.03	12.00		
20	64QAM	50	24	12.09	11.91	12.08		
20	64QAM	50	50	11.90	11.94	11.97	13	0
20	64QAM	100	0	11.96	12.10	11.99		
Channel				37825	38000	38175	13	0
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	11.91	12.04	11.94		
15	QPSK	1	37	12.05	11.94	11.92	13	0
15	QPSK	1	74	12.04	11.94	11.91		
15	QPSK	36	0	11.99	11.95	11.90	13	0
15	QPSK	36	20	12.07	11.98	11.91		
15	QPSK	36	39	11.94	12.07	11.93		
15	QPSK	75	0	12.01	11.98	12.05	13	0
15	16QAM	1	0	12.08	11.93	12.02		
15	16QAM	1	37	11.98	12.07	12.05		
15	16QAM	1	74	12.05	11.90	11.96	13	0
15	16QAM	36	0	11.91	11.96	11.97		
15	16QAM	36	20	12.07	11.90	11.95		
15	16QAM	36	39	12.04	12.06	12.09	13	0
15	16QAM	75	0	11.90	11.92	12.02		
15	64QAM	1	0	12.03	12.06	11.94		
15	64QAM	1	37	11.94	12.01	11.98	13	0
15	64QAM	1	74	12.00	12.08	11.93		
15	64QAM	36	0	12.04	12.05	12.06		
15	64QAM	36	20	12.06	11.96	11.93	13	0
15	64QAM	36	39	11.98	12.08	12.10		
15	64QAM	75	0	11.97	12.08	11.98		
Channel				37800	38000	38200	13	0
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	12.07	11.95	11.92		
10	QPSK	1	25	11.98	11.98	12.10	13	0
10	QPSK	1	49	11.93	12.06	11.97		
10	QPSK	25	0	12.09	11.94	12.04	13	0
10	QPSK	25	12	11.90	12.07	12.02		

10	QPSK	25	25	11.93	11.95	11.93		
10	QPSK	50	0	11.93	12.00	11.99		
10	16QAM	1	0	12.06	11.98	12.09		
10	16QAM	1	25	11.94	11.99	12.09	13	0
10	16QAM	1	49	11.94	12.07	12.10		
10	16QAM	25	0	11.98	11.92	11.95		
10	16QAM	25	12	12.07	12.09	12.03	13	0
10	16QAM	25	25	12.10	12.02	11.98		
10	16QAM	50	0	11.92	12.01	12.07		
10	64QAM	1	0	12.08	11.92	12.10	13	0
10	64QAM	1	25	12.05	12.05	12.07		
10	64QAM	1	49	11.90	12.05	12.03		
10	64QAM	25	0	12.06	12.08	11.92	13	0
10	64QAM	25	12	12.08	11.95	12.07		
10	64QAM	25	25	11.90	11.94	11.99		
10	64QAM	50	0	11.93	12.00	12.04		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	11.96	11.96	12.02	13	0
5	QPSK	1	12	12.08	12.05	12.02		
5	QPSK	1	24	12.04	11.91	11.92		
5	QPSK	12	0	11.90	12.01	12.02	13	0
5	QPSK	12	7	12.09	12.02	12.07		
5	QPSK	12	13	11.97	12.06	12.05		
5	QPSK	25	0	12.03	11.93	12.00		
5	16QAM	1	0	12.08	11.94	12.00	13	0
5	16QAM	1	12	11.94	11.94	11.99		
5	16QAM	1	24	12.01	12.10	11.91		
5	16QAM	12	0	12.08	11.95	11.97	13	0
5	16QAM	12	7	12.04	11.99	12.08		
5	16QAM	12	13	12.08	11.91	11.97		
5	16QAM	25	0	11.94	12.09	11.92		
5	64QAM	1	0	12.02	12.00	11.92	13	0
5	64QAM	1	12	11.91	11.98	12.10		
5	64QAM	1	24	11.97	12.09	12.05		
5	64QAM	12	0	12.00	12.06	11.99	13	0
5	64QAM	12	7	12.02	12.01	12.00		
5	64QAM	12	13	11.90	12.07	11.93		
5	64QAM	25	0	12.03	11.97	12.07		

<LTE Band 41 & HPUE>

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	13	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	11.94	11.97	11.54	11.60	11.59		
20	QPSK	1	49	11.64	11.78	11.66	11.84	11.69	13	0
20	QPSK	1	99	11.67	11.75	11.80	11.83	11.68		
20	QPSK	50	0	11.76	11.85	11.84	11.66	11.76		
20	QPSK	50	24	11.84	11.68	11.72	11.64	11.69	13	0
20	QPSK	50	50	11.75	11.64	11.79	11.80	11.70		
20	QPSK	100	0	11.71	11.72	11.67	11.65	11.65		
20	16QAM	1	0	11.71	11.74	11.76	11.77	11.70	13	0
20	16QAM	1	49	11.70	11.72	11.80	11.67	11.64		
20	16QAM	1	99	11.68	11.83	11.80	11.67	11.77		
20	16QAM	50	0	11.69	11.66	11.77	11.73	11.84	13	0
20	16QAM	50	24	11.83	11.82	11.64	11.71	11.79		
20	16QAM	50	50	11.76	11.73	11.71	11.68	11.69		
20	16QAM	100	0	11.82	11.71	11.78	11.69	11.72	13	0
20	64QAM	1	0	11.74	11.70	11.67	11.65	11.80		
20	64QAM	1	49	11.66	11.81	11.67	11.73	11.76		
20	64QAM	1	99	11.66	11.82	11.70	11.64	11.77	13	0
20	64QAM	50	0	11.69	11.78	11.78	11.74	11.70		
20	64QAM	50	24	11.70	11.64	11.69	11.73	11.83		
20	64QAM	50	50	11.65	11.71	11.67	11.72	11.67	13	0
20	64QAM	100	0	11.73	11.84	11.77	11.79	11.78		
Channel				39725	40173	40620	41068	41515	13	0
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	11.81	11.78	11.67	11.80	11.83		
15	QPSK	1	37	11.67	11.67	11.66	11.70	11.64	13	0
15	QPSK	1	74	11.77	11.69	11.83	11.75	11.83		
15	QPSK	36	0	11.67	11.73	11.73	11.75	11.65	13	0
15	QPSK	36	20	11.65	11.67	11.80	11.78	11.70		
15	QPSK	36	39	11.72	11.80	11.70	11.82	11.66		
15	QPSK	75	0	11.64	11.68	11.78	11.82	11.83	13	0
15	16QAM	1	0	11.84	11.76	11.65	11.83	11.73		
15	16QAM	1	37	11.79	11.71	11.76	11.67	11.73		
15	16QAM	1	74	11.71	11.65	11.64	11.69	11.80	13	0
15	16QAM	36	0	11.83	11.76	11.80	11.76	11.84		
15	16QAM	36	20	11.67	11.69	11.82	11.71	11.71		
15	16QAM	36	39	11.69	11.72	11.70	11.70	11.76	13	0
15	16QAM	75	0	11.72	11.66	11.75	11.83	11.71		
15	64QAM	1	0	11.75	11.68	11.75	11.71	11.75		
15	64QAM	1	37	11.66	11.68	11.76	11.77	11.84	13	0
15	64QAM	1	74	11.78	11.64	11.82	11.79	11.70		
15	64QAM	36	0	11.74	11.84	11.71	11.73	11.68		
15	64QAM	36	20	11.79	11.76	11.78	11.67	11.78	13	0
15	64QAM	36	39	11.65	11.72	11.84	11.83	11.70		
15	64QAM	75	0	11.71	11.66	11.82	11.71	11.64		
Channel				39700	40160	40620	41080	41540	13	0
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	11.66	11.77	11.70	11.74	11.68		
10	QPSK	1	25	11.73	11.84	11.65	11.65	11.76	13	0
10	QPSK	1	49	11.73	11.77	11.77	11.77	11.75		
10	QPSK	25	0	11.67	11.74	11.68	11.69	11.67	13	0
10	QPSK	25	12	11.66	11.66	11.67	11.73	11.79		

10	QPSK	25	25	11.76	11.71	11.78	11.76	11.82		
10	QPSK	50	0	11.84	11.69	11.64	11.83	11.71		
10	16QAM	1	0	11.74	11.78	11.69	11.67	11.68		
10	16QAM	1	25	11.70	11.75	11.65	11.81	11.74	13	0
10	16QAM	1	49	11.64	11.65	11.73	11.67	11.83		
10	16QAM	25	0	11.84	11.81	11.78	11.71	11.80		
10	16QAM	25	12	11.81	11.66	11.72	11.75	11.73	13	0
10	16QAM	25	25	11.71	11.83	11.67	11.81	11.69		
10	16QAM	50	0	11.75	11.72	11.76	11.74	11.74		
10	64QAM	1	0	11.77	11.74	11.78	11.73	11.74	13	0
10	64QAM	1	25	11.79	11.81	11.83	11.67	11.79		
10	64QAM	1	49	11.81	11.74	11.67	11.74	11.81		
10	64QAM	25	0	11.67	11.64	11.84	11.79	11.66	13	0
10	64QAM	25	12	11.68	11.69	11.82	11.83	11.82		
10	64QAM	25	25	11.76	11.70	11.84	11.69	11.71		
10	64QAM	50	0	11.82	11.67	11.65	11.82	11.82		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	11.71	11.84	11.73	11.77	11.69	13	0
5	QPSK	1	12	11.77	11.78	11.75	11.78	11.75		
5	QPSK	1	24	11.78	11.64	11.71	11.69	11.84		
5	QPSK	12	0	11.79	11.84	11.65	11.70	11.65	13	0
5	QPSK	12	7	11.80	11.66	11.64	11.64	11.74		
5	QPSK	12	13	11.81	11.67	11.68	11.66	11.71		
5	QPSK	25	0	11.68	11.69	11.66	11.75	11.75	13	0
5	16QAM	1	0	11.67	11.84	11.77	11.71	11.78		
5	16QAM	1	12	11.84	11.80	11.69	11.78	11.65		
5	16QAM	1	24	11.67	11.82	11.67	11.78	11.80	13	0
5	16QAM	12	0	11.78	11.84	11.64	11.76	11.64		
5	16QAM	12	7	11.79	11.66	11.69	11.74	11.66		
5	16QAM	12	13	11.83	11.80	11.67	11.71	11.81	13	0
5	16QAM	25	0	11.68	11.65	11.81	11.67	11.69		
5	64QAM	1	0	11.78	11.78	11.77	11.72	11.69		
5	64QAM	1	12	11.67	11.66	11.71	11.68	11.81	13	0
5	64QAM	1	24	11.65	11.69	11.82	11.69	11.84		
5	64QAM	12	0	11.65	11.72	11.77	11.77	11.65		
5	64QAM	12	7	11.73	11.78	11.81	11.84	11.73	13	0
5	64QAM	12	13	11.72	11.67	11.68	11.69	11.65		
5	64QAM	25	0	11.83	11.77	11.67	11.78	11.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640	12.5	0
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	12.08	12.01	11.99	12.10	12.5	0
20	QPSK	1	49	11.94	11.86	11.98	11.87		
20	QPSK	1	99	11.88	11.98	11.88	11.96		
20	QPSK	50	0	11.89	11.99	11.82	12.00	12.5	0
20	QPSK	50	24	11.92	11.82	11.86	11.87		
20	QPSK	50	50	11.81	11.80	11.88	11.95		
20	QPSK	100	0	11.91	11.84	11.98	11.99	12.5	0
20	16QAM	1	0	11.92	11.94	11.91	11.95		
20	16QAM	1	49	11.94	11.81	11.93	11.90		
20	16QAM	1	99	11.90	11.90	11.91	11.89	12.5	0
20	16QAM	50	0	11.79	11.82	11.97	11.79		
20	16QAM	50	24	11.91	11.87	11.90	11.88		
20	16QAM	50	50	11.92	11.98	11.90	11.99	12.5	0
20	16QAM	100	0	11.95	11.80	11.91	11.90		
20	64QAM	1	0	11.91	11.86	11.79	11.87		
20	64QAM	1	49	11.87	11.98	11.80	11.82	12.5	0
20	64QAM	1	99	11.88	11.89	11.99	11.95		
20	64QAM	50	0	11.95	11.87	11.95	11.98		
20	64QAM	50	24	11.97	11.98	11.89	11.84	12.5	0
20	64QAM	50	50	11.95	11.87	11.94	11.97		
20	64QAM	100	0	11.95	11.91	11.81	11.90		
Channel				55315	55820	56160	56665	12.5	0
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	11.98	11.90	11.86	11.84	12.5	0
15	QPSK	1	37	11.95	11.92	11.91	11.79		
15	QPSK	1	74	11.88	11.93	11.82	11.93		
15	QPSK	36	0	11.97	11.88	11.92	11.97	12.5	0
15	QPSK	36	20	11.90	11.85	11.90	11.93		
15	QPSK	36	39	11.92	11.82	11.89	11.95		
15	QPSK	75	0	11.84	11.97	11.93	11.85	12.5	0
15	16QAM	1	0	11.79	11.88	11.79	11.85		
15	16QAM	1	37	11.99	11.87	11.98	11.86		
15	16QAM	1	74	11.99	11.95	11.97	11.93	12.5	0
15	16QAM	36	0	11.82	11.99	11.85	11.99		
15	16QAM	36	20	11.80	11.89	11.99	11.93		
15	16QAM	36	39	11.96	11.96	11.82	11.90	12.5	0
15	16QAM	75	0	11.88	11.79	11.85	11.91		
15	64QAM	1	0	11.80	11.92	11.80	11.82		
15	64QAM	1	37	11.81	11.89	11.85	11.99	12.5	0
15	64QAM	1	74	11.92	11.91	11.99	11.81		
15	64QAM	36	0	11.94	11.95	11.87	11.89		
15	64QAM	36	20	11.98	11.86	11.79	11.87	12.5	0
15	64QAM	36	39	11.82	11.80	11.96	11.80		
15	64QAM	75	0	11.90	11.96	11.83	11.99		
Channel				55290	55815	56165	56690	12.5	0
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	11.89	11.93	11.97	11.90	12.5	0
10	QPSK	1	25	11.94	11.91	11.91	11.94		
10	QPSK	1	49	11.97	11.83	11.82	11.94		
10	QPSK	25	0	11.94	11.79	11.81	11.94	12.5	0
10	QPSK	25	12	11.84	11.97	11.92	11.95		

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10	QPSK	25	25	11.88	11.83	11.82	11.89		
10	QPSK	50	0	11.98	11.79	11.81	11.86		
10	16QAM	1	0	11.99	11.84	11.88	11.92	12.5	0
10	16QAM	1	25	11.89	11.91	11.85	11.79		
10	16QAM	1	49	11.83	11.89	11.84	11.93		
10	16QAM	25	0	11.89	11.83	11.83	11.83	12.5	0
10	16QAM	25	12	11.91	11.97	11.97	11.96		
10	16QAM	25	25	11.85	11.83	11.99	11.91		
10	16QAM	50	0	11.99	11.83	11.96	11.95		
10	64QAM	1	0	11.89	11.94	11.89	11.90	12.5	0
10	64QAM	1	25	11.99	11.96	11.90	11.82		
10	64QAM	1	49	11.83	11.86	11.96	11.83		
10	64QAM	25	0	11.90	11.91	11.87	11.92	12.5	0
10	64QAM	25	12	11.84	11.91	11.94	11.98		
10	64QAM	25	25	11.94	11.82	11.99	11.93		
10	64QAM	50	0	11.81	11.89	11.88	11.99		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	11.91	11.94	11.86	11.79	12.5	0
5	QPSK	1	12	11.88	11.79	11.98	11.97		
5	QPSK	1	24	11.91	11.89	11.90	11.91		
5	QPSK	12	0	11.92	11.98	11.90	11.99	12.5	0
5	QPSK	12	7	11.80	11.81	11.84	11.98		
5	QPSK	12	13	11.97	11.95	11.81	11.85		
5	QPSK	25	0	11.99	11.79	11.82	11.82		
5	16QAM	1	0	11.79	11.83	11.84	11.97	12.5	0
5	16QAM	1	12	11.82	11.91	11.98	11.96		
5	16QAM	1	24	11.80	11.79	11.91	11.91		
5	16QAM	12	0	11.97	11.93	11.95	11.89	12.5	0
5	16QAM	12	7	11.97	11.87	11.84	11.94		
5	16QAM	12	13	11.79	11.84	11.81	11.99		
5	16QAM	25	0	11.82	11.83	11.79	11.99		
5	64QAM	1	0	11.80	11.95	11.88	11.99	12.5	0
5	64QAM	1	12	11.92	11.82	11.83	11.87		
5	64QAM	1	24	11.87	11.84	11.93	11.85		
5	64QAM	12	0	11.94	11.84	11.81	11.96	12.5	0
5	64QAM	12	7	11.93	11.87	11.88	11.97		
5	64QAM	12	13	11.81	11.98	11.81	11.83		
5	64QAM	25	0	11.89	11.87	11.94	11.81		