

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

GSM-Ant. 1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	22.25	22.33	22.36	24.00	13.06	13.14	13.17	14.81
GPRS (GMSK, 1-Slot)	22.24	22.33	22.35	24.00	13.05	13.14	13.16	14.81
GPRS (GMSK, 2-Slots)	21.27	21.38	21.41	22.00	15.14	15.25	15.28	15.87
GPRS (GMSK, 3-Slots)	18.96	18.95	18.98	19.50	14.54	14.53	14.56	15.08
GPRS (GMSK, 4-Slots)	17.45	17.51	17.56	18.50	14.27	14.33	14.38	15.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	22.33	22.71	23.07	24.00	13.14	13.52	13.88	14.81
GPRS (GMSK, 1-Slot)	22.32	22.71	23.06	23.50	13.13	13.52	13.87	14.31
GPRS (GMSK, 2-Slots)	21.87	22.29	22.66	23.00	15.74	16.16	16.53	16.87
GPRS (GMSK, 3-Slots)	20.80	21.16	21.61	22.00	16.38	16.74	17.19	17.58
GPRS (GMSK, 4-Slots)	20.09	20.95	20.50	21.50	16.91	17.32	17.77	18.32

8.2 WCDMA Output Power

WCDMA-Power Level1-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	16.00	15.98	15.96	17.00
RMC 12.2Kbps	16.06	16.10	15.98	17.00
HSDPA Subtest-1	15.07	15.11	14.96	16.00
HSDPA Subtest-2	15.13	15.06	15.24	16.00
HSDPA Subtest-3	14.36	14.53	14.69	15.50
HSDPA Subtest-4	14.48	14.59	14.55	15.50
HSUPA Subtest-1	12.74	12.86	12.96	13.50
HSUPA Subtest-2	13.16	13.14	13.29	13.50
HSUPA Subtest-3	13.95	14.07	14.00	14.50
HSUPA Subtest-4	12.82	12.64	12.52	13.50
HSUPA Subtest-5	14.06	14.04	14.17	14.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	16.86	16.90	17.01	17.50
RMC 12.2Kbps	16.97	16.94	17.03	17.50
HSDPA Subtest-1	16.01	15.93	15.98	16.50
HSDPA Subtest-2	15.89	15.95	15.86	16.50
HSDPA Subtest-3	15.46	15.43	15.43	16.50
HSDPA Subtest-4	15.51	15.41	15.37	16.00
HSUPA Subtest-1	13.90	13.74	13.64	14.50
HSUPA Subtest-2	14.05	13.97	14.11	14.50
HSUPA Subtest-3	14.94	14.92	14.84	15.50
HSUPA Subtest-4	13.63	13.54	13.34	14.50
HSUPA Subtest-5	15.11	14.93	14.85	15.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	19.21	19.23	19.18	20.00
RMC 12.2Kbps	19.28	19.35	19.33	20.00
HSDPA Subtest-1	18.13	18.31	18.48	19.00
HSDPA Subtest-2	18.53	18.34	18.17	19.00
HSDPA Subtest-3	17.86	17.86	17.97	18.50
HSDPA Subtest-4	17.69	17.80	17.75	18.50
HSUPA Subtest-1	16.08	16.05	15.88	17.50
HSUPA Subtest-2	16.37	16.34	16.23	17.00
HSUPA Subtest-3	17.45	17.34	17.18	17.50
HSUPA Subtest-4	15.77	15.83	16.02	16.50
HSUPA Subtest-5	17.19	17.26	17.37	17.50

8.3.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.1								MPR (dB)
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)	
1.4	1	LOW	QPSK	16.37	16.50	16.22	17.50	0.0
		MID	QPSK	16.68	16.63	16.55	17.50	
		HIGH	QPSK	16.49	16.63	16.19	17.50	
	3	LOW	QPSK	16.36	16.54	16.27	17.50	0.0
		MID	QPSK	16.62	16.61	16.64	17.50	
		HIGH	QPSK	16.56	16.44	16.28	17.50	
	6	LOW	QPSK	15.64	15.68	15.52	16.50	1.0
1.4	1	LOW	Q16	15.46	15.59	15.40	16.50	1.0
		MID	Q16	15.62	15.80	15.57	16.50	
		HIGH	Q16	15.46	15.63	15.37	16.50	
	3	LOW	Q16	15.68	15.53	15.37	16.50	1.0
		MID	Q16	15.60	15.71	15.60	16.50	
		HIGH	Q16	15.51	15.63	15.30	16.50	
	6	LOW	Q16	14.57	14.47	14.18	15.50	2.0
1.4	1	LOW	64QAM	14.60	14.74	14.45	15.50	2.0
		MID	64QAM	14.56	14.68	14.54	15.50	
		HIGH	64QAM	14.42	14.73	14.22	15.50	
	3	LOW	64QAM	14.81	14.52	14.50	15.50	2.0
		MID	64QAM	14.65	14.86	14.54	15.50	
		HIGH	64QAM	14.59	14.67	14.42	15.50	
	6	LOW	64QAM	13.61	13.52	13.22	14.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)	MPR (dB)
3	1	LOW	QPSK	16.26	16.61	16.49	17.50	0.0
		MID	QPSK	16.62	16.73	16.50	17.50	
		HIGH	QPSK	16.59	16.61	16.37	17.50	
	8	LOW	QPSK	15.51	15.52	15.41	16.50	1.0
		MID	QPSK	15.77	15.71	15.47	16.50	
		HIGH	QPSK	15.44	15.55	15.19	16.50	
	15	LOW	QPSK	15.79	15.46	15.41	16.50	1.0
3	1	LOW	Q16	15.74	16.05	15.75	16.50	1.0
		MID	Q16	16.10	16.13	15.94	16.50	
		HIGH	Q16	16.15	15.86	15.72	16.50	
	8	LOW	Q16	14.66	14.65	14.23	15.50	2.0
		MID	Q16	14.76	14.67	14.58	15.50	
		HIGH	Q16	14.74	14.45	14.42	15.50	
	15	LOW	Q16	14.80	14.45	14.20	15.50	2.0
3	1	LOW	64QAM	14.96	14.83	14.78	15.50	2.0
		MID	64QAM	15.09	14.93	15.03	15.50	
		HIGH	64QAM	14.75	14.96	14.77	15.50	
	8	LOW	64QAM	13.63	13.50	13.30	14.50	3.0
		MID	64QAM	13.68	13.73	13.58	14.50	
		HIGH	64QAM	13.53	13.44	13.32	14.50	
	15	LOW	64QAM	13.66	13.51	13.37	14.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)	MPR (dB)
5	1	LOW	QPSK	16.26	16.63	16.40	17.50	0.0
		MID	QPSK	16.56	16.75	16.59	17.50	
		HIGH	QPSK	16.60	16.54	16.27	17.50	
	12	LOW	QPSK	15.46	15.68	15.34	16.50	1.0
		MID	QPSK	15.78	15.87	15.50	16.50	
		HIGH	QPSK	15.58	15.59	15.28	16.50	
	25	LOW	QPSK	15.71	15.62	15.24	16.50	1.0
5	1	LOW	Q16	15.91	16.01	15.72	16.50	1.0
		MID	Q16	16.29	16.14	16.03	16.50	
		HIGH	Q16	16.01	16.06	15.82	16.50	
	12	LOW	Q16	14.54	14.62	14.44	15.50	2.0
		MID	Q16	14.52	14.55	14.37	15.50	
		HIGH	Q16	14.85	14.44	14.15	15.50	
	25	LOW	Q16	14.66	14.58	14.37	15.50	2.0
5	1	LOW	64QAM	14.79	14.86	14.97	15.50	2.0
		MID	64QAM	15.30	15.12	15.13	15.50	
		HIGH	64QAM	14.88	15.03	14.74	15.50	
	12	LOW	64QAM	13.67	13.55	13.54	14.50	3.0
		MID	64QAM	13.60	13.49	13.54	14.50	
		HIGH	64QAM	13.78	13.38	13.08	14.50	
	25	LOW	64QAM	13.75	13.31	13.27	14.50	3.0

LTE B2-Full Power -Ant.1								MPR (dB)
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)	
10	1	LOW	QPSK	16.41	16.54	16.30	17.50	0.0
		MID	QPSK	16.56	16.64	16.53	17.50	
		HIGH	QPSK	16.61	16.63	16.44	17.50	
	25	LOW	QPSK	15.50	15.50	15.27	16.50	1.0
		MID	QPSK	15.67	15.70	15.59	16.50	
		HIGH	QPSK	15.48	15.62	15.22	16.50	
	50	LOW	QPSK	15.59	15.66	15.45	16.50	1.0
10	1	LOW	Q16	15.93	15.88	15.85	16.50	1.0
		MID	Q16	16.19	16.24	15.93	16.50	
		HIGH	Q16	16.14	16.11	15.63	16.50	
	25	LOW	Q16	14.49	14.65	14.36	15.50	2.0
		MID	Q16	14.63	14.45	14.36	15.50	
		HIGH	Q16	14.83	14.61	14.26	15.50	
	50	LOW	Q16	14.83	14.59	14.20	15.50	2.0
10	1	LOW	64QAM	14.82	14.74	14.95	15.50	2.0
		MID	64QAM	15.29	15.14	15.06	15.50	
		HIGH	64QAM	15.02	14.80	14.87	15.50	
	25	LOW	64QAM	13.71	13.58	13.50	14.50	3.0
		MID	64QAM	13.47	13.60	13.51	14.50	
		HIGH	64QAM	13.71	13.57	13.29	14.50	
	50	LOW	64QAM	13.68	13.40	13.40	14.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)	MPR (dB)
15	1	LOW	QPSK	16.46	16.58	16.40	17.50	0.0
		MID	QPSK	16.71	16.62	16.55	17.50	
		HIGH	QPSK	16.63	16.60	16.37	17.50	
	36	LOW	QPSK	15.64	15.67	15.39	16.50	1.0
		MID	QPSK	15.74	15.79	15.65	16.50	
		HIGH	QPSK	15.43	15.64	15.23	16.50	
	75	LOW	QPSK	15.83	15.50	15.38	16.50	1.0
15	1	LOW	Q16	15.96	15.97	15.98	16.50	1.0
		MID	Q16	16.13	16.29	16.09	16.50	
		HIGH	Q16	16.12	16.13	15.59	16.50	
	36	LOW	Q16	14.44	14.45	14.33	15.50	2.0
		MID	Q16	14.54	14.67	14.32	15.50	
		HIGH	Q16	14.72	14.35	14.17	15.50	
	75	LOW	Q16	14.64	14.68	14.31	15.50	2.0
15	1	LOW	64QAM	14.80	14.88	14.93	15.50	2.0
		MID	64QAM	15.06	14.98	14.85	15.50	
		HIGH	64QAM	14.81	15.01	14.86	15.50	
	36	LOW	64QAM	13.56	13.73	13.53	14.50	3.0
		MID	64QAM	13.64	13.48	13.52	14.50	
		HIGH	64QAM	13.54	13.52	13.27	14.50	
	75	LOW	64QAM	13.49	13.52	13.43	14.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)	MPR (dB)
20	1	LOW	QPSK	16.38	16.50	16.37	17.50	0.0
		MID	QPSK	16.67	16.68	16.52	17.50	
		HIGH	QPSK	16.55	16.55	16.29	17.50	
	50	LOW	QPSK	15.53	15.62	15.38	16.50	1.0
		MID	QPSK	15.63	15.79	15.50	16.50	
		HIGH	QPSK	15.58	15.51	15.29	16.50	
	100	LOW	QPSK	15.70	15.56	15.38	16.50	1.0
20	1	LOW	Q16	15.83	15.92	15.86	16.50	1.0
		MID	Q16	16.16	16.21	15.96	16.50	
		HIGH	Q16	16.00	16.01	15.71	16.50	
	50	LOW	Q16	14.56	14.60	14.36	15.50	2.0
		MID	Q16	14.63	14.60	14.47	15.50	
		HIGH	Q16	14.77	14.49	14.30	15.50	
	100	LOW	Q16	14.70	14.53	14.33	15.50	2.0
20	1	LOW	64QAM	14.89	14.82	14.83	15.50	2.0
		MID	64QAM	15.16	15.08	14.98	15.50	
		HIGH	64QAM	14.87	14.93	14.74	15.50	
	50	LOW	64QAM	13.65	13.60	13.43	14.50	3.0
		MID	64QAM	13.60	13.59	13.52	14.50	
		HIGH	64QAM	13.64	13.49	13.21	14.50	
	100	LOW	64QAM	13.62	13.42	13.35	14.50	3.0

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.1								MPR (dB)
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)	
1.4	1	LOW	QPSK	17.70	17.72	17.77	18.50	0.0
		MID	QPSK	17.92	18.18	18.06	18.50	
		HIGH	QPSK	17.86	17.88	18.07	18.50	
	3	LOW	QPSK	17.82	17.69	17.94	18.50	0.0
		MID	QPSK	17.94	17.91	17.92	18.50	
		HIGH	QPSK	17.80	18.02	17.83	18.50	
	6	LOW	QPSK	17.10	16.96	16.74	17.50	1.0
1.4	1	LOW	Q16	16.90	16.84	17.02	17.50	1.0
		MID	Q16	16.96	16.89	17.00	17.50	
		HIGH	Q16	16.98	16.99	16.81	17.50	
	3	LOW	Q16	17.07	16.85	16.99	17.50	1.0
		MID	Q16	17.16	16.96	16.89	17.50	
		HIGH	Q16	16.94	17.13	16.69	17.50	
	6	LOW	Q16	16.13	15.99	16.08	16.50	2.0
1.4	1	LOW	64QAM	15.95	15.97	15.89	16.50	2.0
		MID	64QAM	15.94	15.74	16.03	16.50	
		HIGH	64QAM	16.04	16.10	15.94	16.50	
	3	LOW	64QAM	16.17	15.87	16.02	16.50	2.0
		MID	64QAM	16.27	15.97	15.80	16.50	
		HIGH	64QAM	16.09	16.19	15.60	16.50	
	6	LOW	64QAM	15.17	15.13	15.02	15.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)	MPR (dB)
3	1	LOW	QPSK	17.89	17.79	17.81	18.50	0.0
		MID	QPSK	17.90	18.07	18.00	18.50	
		HIGH	QPSK	17.82	17.83	17.89	18.50	
	8	LOW	QPSK	17.00	17.02	16.96	17.50	1.0
		MID	QPSK	16.98	17.08	16.90	17.50	
		HIGH	QPSK	17.00	16.91	16.85	17.50	
	15	LOW	QPSK	16.89	16.89	16.84	17.50	1.0
3	1	LOW	Q16	17.16	17.38	17.17	17.50	1.0
		MID	Q16	17.34	17.22	17.39	17.50	
		HIGH	Q16	17.23	17.28	17.22	17.50	
	8	LOW	Q16	16.03	15.84	15.69	16.50	2.0
		MID	Q16	15.87	15.95	16.04	16.50	
		HIGH	Q16	15.84	16.02	15.94	16.50	
	15	LOW	Q16	16.01	15.89	15.86	16.50	2.0
3	1	LOW	64QAM	16.28	16.29	16.48	16.50	2.0
		MID	64QAM	16.24	16.35	16.48	16.50	
		HIGH	64QAM	16.50	16.23	16.31	16.50	
	8	LOW	64QAM	15.16	14.91	14.91	15.50	3.0
		MID	64QAM	14.97	15.14	14.94	15.50	
		HIGH	64QAM	14.92	14.93	15.00	15.50	
	15	LOW	64QAM	14.78	14.98	14.91	15.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)	MPR (dB)
5	1	LOW	QPSK	17.87	17.69	17.85	18.50	0.0
		MID	QPSK	18.18	18.13	17.89	18.50	
		HIGH	QPSK	17.86	17.92	17.84	18.50	
	12	LOW	QPSK	17.00	16.83	16.80	17.50	1.0
		MID	QPSK	16.87	16.90	16.84	17.50	
		HIGH	QPSK	16.83	16.90	16.83	17.50	
	25	LOW	QPSK	16.83	16.99	16.95	17.50	1.0
5	1	LOW	Q16	17.15	17.25	17.45	17.50	1.0
		MID	Q16	17.31	17.22	17.42	17.50	
		HIGH	Q16	17.41	17.35	17.40	17.50	
	12	LOW	Q16	16.05	15.77	15.78	16.50	2.0
		MID	Q16	15.99	16.07	15.99	16.50	
		HIGH	Q16	15.89	15.88	15.76	16.50	
	25	LOW	Q16	16.05	15.97	15.81	16.50	2.0
5	1	LOW	64QAM	16.25	16.27	16.31	16.50	2.0
		MID	64QAM	16.24	16.48	16.34	16.50	
		HIGH	64QAM	16.26	16.29	16.43	16.50	
	12	LOW	64QAM	15.07	14.92	15.04	15.50	3.0
		MID	64QAM	15.03	15.22	15.14	15.50	
		HIGH	64QAM	14.71	15.09	15.08	15.50	
	25	LOW	64QAM	15.01	14.92	14.75	15.50	3.0

LTE B4-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)	MPR (dB)
10	1	LOW	QPSK	17.61	17.66	17.78	18.50	0.0
		MID	QPSK	18.16	17.94	18.01	18.50	
		HIGH	QPSK	17.75	17.78	17.77	18.50	
	25	LOW	QPSK	16.87	16.87	16.74	17.50	1.0
		MID	QPSK	16.90	17.10	16.90	17.50	
		HIGH	QPSK	16.97	17.03	16.70	17.50	
	50	LOW	QPSK	16.80	17.10	16.94	17.50	1.0
10	1	LOW	Q16	17.36	17.15	17.45	17.50	1.0
		MID	Q16	17.31	17.40	17.25	17.50	
		HIGH	Q16	17.32	17.26	17.43	17.50	
	25	LOW	Q16	16.01	16.03	15.96	16.50	2.0
		MID	Q16	15.92	16.08	15.90	16.50	
		HIGH	Q16	15.82	15.94	15.72	16.50	
	50	LOW	Q16	15.85	15.82	15.95	16.50	2.0
10	1	LOW	64QAM	16.07	16.30	16.28	16.50	2.0
		MID	64QAM	16.41	16.25	16.50	16.50	
		HIGH	64QAM	16.34	16.41	16.38	16.50	
	25	LOW	64QAM	15.13	14.85	14.90	15.50	3.0
		MID	64QAM	14.99	15.18	15.09	15.50	
		HIGH	64QAM	14.65	14.90	14.92	15.50	
	50	LOW	64QAM	14.83	14.77	14.76	15.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)	MPR (dB)
15	1	LOW	QPSK	17.69	17.82	17.83	18.50	0.0
		MID	QPSK	18.06	18.03	17.87	18.50	
		HIGH	QPSK	17.93	17.79	17.81	18.50	
	36	LOW	QPSK	17.09	16.85	16.94	17.50	1.0
		MID	QPSK	16.91	16.98	16.84	17.50	
		HIGH	QPSK	17.06	16.92	16.70	17.50	
	75	LOW	QPSK	17.04	17.01	16.79	17.50	1.0
15	1	LOW	Q16	17.34	17.25	17.25	17.50	1.0
		MID	Q16	17.41	17.27	17.48	17.50	
		HIGH	Q16	17.29	17.24	17.41	17.50	
	36	LOW	Q16	15.92	16.04	15.73	16.50	2.0
		MID	Q16	15.96	16.10	15.93	16.50	
		HIGH	Q16	16.04	15.91	15.73	16.50	
	75	LOW	Q16	16.06	15.94	15.87	16.50	2.0
15	1	LOW	64QAM	16.05	16.08	16.37	16.50	2.0
		MID	64QAM	16.28	16.45	16.34	16.50	
		HIGH	64QAM	16.40	16.30	16.45	16.50	
	36	LOW	64QAM	15.06	14.98	14.81	15.50	3.0
		MID	64QAM	15.04	15.19	15.01	15.50	
		HIGH	64QAM	14.62	15.18	14.88	15.50	
	75	LOW	64QAM	14.84	14.74	14.88	15.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)	MPR (dB)
20	1	LOW	QPSK	17.74	17.79	17.84	18.50	0.0
		MID	QPSK	18.03	18.04	18.01	18.50	
		HIGH	QPSK	17.88	17.91	17.92	18.50	
	50	LOW	QPSK	17.00	16.90	16.87	17.50	1.0
		MID	QPSK	17.01	17.04	16.98	17.50	
		HIGH	QPSK	16.95	17.02	16.81	17.50	
	100	LOW	QPSK	16.94	16.95	16.81	17.50	1.0
20	1	LOW	Q16	17.23	17.30	17.30	17.50	1.0
		MID	Q16	17.48	17.24	17.24	17.50	
		HIGH	Q16	17.31	17.40	17.39	17.50	
	50	LOW	Q16	15.97	15.92	15.84	16.50	2.0
		MID	Q16	16.00	15.99	15.98	16.50	
		HIGH	Q16	15.92	16.03	15.87	16.50	
	100	LOW	Q16	15.96	15.94	15.83	16.50	2.0
20	1	LOW	64QAM	16.13	16.21	16.41	16.50	2.0
		MID	64QAM	16.49	16.40	16.48	16.50	
		HIGH	64QAM	16.38	16.40	16.47	16.50	
	50	LOW	64QAM	15.03	14.89	14.94	15.50	3.0
		MID	64QAM	14.97	15.10	15.09	15.50	
		HIGH	64QAM	14.77	15.05	14.97	15.50	
	100	LOW	64QAM	14.93	14.83	14.86	15.50	3.0

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	MPR (dB)
1.4	1	LOW	QPSK	19.10	19.08	18.93	20.00	0.0
		MID	QPSK	18.98	19.16	18.92	20.00	
		HIGH	QPSK	18.98	18.93	18.96	20.00	
	3	LOW	QPSK	18.92	19.10	18.81	20.00	0.0
		MID	QPSK	19.15	18.99	19.07	20.00	
		HIGH	QPSK	18.92	18.84	18.93	20.00	
	6	LOW	QPSK	18.06	18.01	18.03	19.00	1.0
1.4	1	LOW	Q16	17.96	17.76	17.94	19.00	1.0
		MID	Q16	17.95	18.07	17.98	19.00	
		HIGH	Q16	18.08	18.07	18.02	19.00	
	3	LOW	Q16	17.75	17.81	17.96	19.00	1.0
		MID	Q16	18.07	17.90	17.89	19.00	
		HIGH	Q16	17.88	18.19	17.99	19.00	
	6	LOW	Q16	16.99	17.18	16.89	18.00	2.0
1.4	1	LOW	64QAM	16.98	16.80	17.04	18.00	2.0
		MID	64QAM	17.07	17.06	16.97	18.00	
		HIGH	64QAM	17.14	17.17	17.06	18.00	
	3	LOW	64QAM	16.67	16.71	17.09	18.00	2.0
		MID	64QAM	17.19	16.94	16.98	18.00	
		HIGH	64QAM	16.81	17.08	17.07	18.00	
	6	LOW	64QAM	16.07	16.17	15.91	17.00	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)	MPR (dB)
3	1	LOW	QPSK	18.91	19.03	18.90	20.00	0.0
		MID	QPSK	18.91	19.12	18.98	20.00	
		HIGH	QPSK	18.87	19.12	19.09	20.00	
	8	LOW	QPSK	17.72	17.95	17.89	19.00	1.0
		MID	QPSK	18.02	17.99	18.17	19.00	
		HIGH	QPSK	18.11	18.19	17.97	19.00	
	15	LOW	QPSK	17.80	18.10	18.03	19.00	1.0
3	1	LOW	Q16	18.04	18.52	18.05	19.00	1.0
		MID	Q16	18.01	18.53	18.19	19.00	
		HIGH	Q16	17.87	18.49	18.03	19.00	
	8	LOW	Q16	17.01	16.90	16.92	18.00	2.0
		MID	Q16	17.19	17.25	17.23	18.00	
		HIGH	Q16	16.91	17.17	16.99	18.00	
	15	LOW	Q16	16.99	17.15	16.82	18.00	2.0
3	1	LOW	64QAM	17.04	17.67	17.01	18.00	2.0
		MID	64QAM	17.05	17.75	17.13	18.00	
		HIGH	64QAM	17.14	17.42	17.07	18.00	
	8	LOW	64QAM	16.16	16.14	16.07	17.00	3.0
		MID	64QAM	16.17	16.27	16.03	17.00	
		HIGH	64QAM	16.07	16.07	15.90	17.00	
	15	LOW	64QAM	15.93	16.20	16.12	17.00	3.0

LTE B5-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	MPR (dB)
5	1	LOW	QPSK	18.96	19.12	18.90	20.00	0.0
		MID	QPSK	19.16	19.14	18.84	20.00	
		HIGH	QPSK	18.96	18.90	19.04	20.00	
	12	LOW	QPSK	17.75	17.86	17.89	19.00	1.0
		MID	QPSK	18.18	17.93	18.16	19.00	
		HIGH	QPSK	18.09	18.18	17.98	19.00	
	25	LOW	QPSK	17.87	17.99	17.83	19.00	1.0
5	1	LOW	Q16	18.10	18.38	18.14	19.00	1.0
		MID	Q16	17.90	18.41	18.04	19.00	
		HIGH	Q16	18.00	18.56	18.26	19.00	
	12	LOW	Q16	16.78	17.01	16.96	18.00	2.0
		MID	Q16	17.19	17.13	17.21	18.00	
		HIGH	Q16	17.05	17.23	16.83	18.00	
	25	LOW	Q16	16.78	17.06	16.89	18.00	2.0
5	1	LOW	64QAM	17.08	17.65	17.27	18.00	2.0
		MID	64QAM	17.02	17.65	17.30	18.00	
		HIGH	64QAM	16.90	17.32	17.01	18.00	
	12	LOW	64QAM	16.05	16.09	15.97	17.00	3.0
		MID	64QAM	16.10	16.26	16.07	17.00	
		HIGH	64QAM	16.22	16.15	16.03	17.00	
	25	LOW	64QAM	16.03	16.19	16.09	17.00	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)	MPR (dB)
10	1	LOW	QPSK	18.96	18.97	18.93	20.00	0.0
		MID	QPSK	19.05	19.04	18.98	20.00	
		HIGH	QPSK	18.91	18.97	19.00	20.00	
	25	LOW	QPSK	17.87	17.91	17.93	19.00	1.0
		MID	QPSK	18.09	17.99	18.03	19.00	
		HIGH	QPSK	17.96	18.05	17.90	19.00	
	50	LOW	QPSK	17.90	17.97	17.95	19.00	1.0
10	1	LOW	Q16	17.99	18.43	18.04	19.00	1.0
		MID	Q16	18.02	18.45	18.15	19.00	
		HIGH	Q16	18.00	18.45	18.13	19.00	
	25	LOW	Q16	16.93	17.00	17.06	18.00	2.0
		MID	Q16	17.05	17.13	17.18	18.00	
		HIGH	Q16	16.99	17.11	16.97	18.00	
	50	LOW	Q16	16.91	17.01	16.94	18.00	2.0
10	1	LOW	64QAM	16.97	17.55	17.12	18.00	2.0
		MID	64QAM	17.03	17.60	17.22	18.00	
		HIGH	64QAM	17.02	17.46	17.16	18.00	
	25	LOW	64QAM	16.05	16.07	15.97	17.00	3.0
		MID	64QAM	16.12	16.19	16.18	17.00	
		HIGH	64QAM	16.11	16.04	15.97	17.00	
	50	LOW	64QAM	16.02	16.08	16.08	17.00	3.0

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	MPR (dB)
5	1	LOW	QPSK	14.78	14.88	15.09	16.00	0.0
		MID	QPSK	15.14	15.13	15.03	16.00	
		HIGH	QPSK	14.83	14.99	14.90	16.00	
	12	LOW	QPSK	13.84	13.86	14.19	15.00	1.0
		MID	QPSK	14.07	14.11	14.05	15.00	
		HIGH	QPSK	14.01	14.13	14.00	15.00	
	25	LOW	QPSK	14.06	13.98	14.17	15.00	1.0
5	1	LOW	Q16	14.48	14.21	14.38	15.00	1.0
		MID	Q16	14.74	14.46	14.67	15.00	
		HIGH	Q16	14.40	14.49	14.74	15.00	
	12	LOW	Q16	12.98	12.72	13.08	14.00	2.0
		MID	Q16	13.13	13.04	13.32	14.00	
		HIGH	Q16	12.85	13.07	13.20	14.00	
	25	LOW	Q16	12.90	12.90	13.30	14.00	2.0
5	1	LOW	64QAM	13.59	13.11	13.53	14.00	2.0
		MID	64QAM	13.79	13.46	13.59	14.00	
		HIGH	64QAM	13.37	13.42	13.80	14.00	
	12	LOW	64QAM	11.85	11.59	12.03	13.00	3.0
		MID	64QAM	12.25	11.89	12.44	13.00	
		HIGH	64QAM	11.88	12.12	12.22	13.00	
	25	LOW	64QAM	11.85	11.96	12.30	13.00	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)	MPR (dB)
10	1	LOW	QPSK	14.68	14.70	14.86	16.00	0.0
		MID	QPSK	15.12	15.19	15.00	16.00	
		HIGH	QPSK	14.87	14.99	15.09	16.00	
	25	LOW	QPSK	14.00	13.91	14.10	15.00	1.0
		MID	QPSK	13.99	14.25	14.20	15.00	
		HIGH	QPSK	14.01	14.04	14.10	15.00	
	50	LOW	QPSK	14.06	13.86	14.16	15.00	1.0
10	1	LOW	Q16	14.53	14.27	14.45	15.00	1.0
		MID	Q16	14.62	14.53	14.59	15.00	
		HIGH	Q16	14.32	14.52	14.66	15.00	
	25	LOW	Q16	13.13	12.83	13.06	14.00	2.0
		MID	Q16	13.19	13.07	13.25	14.00	
		HIGH	Q16	13.08	13.11	13.20	14.00	
	50	LOW	Q16	12.91	13.02	13.16	14.00	2.0
10	1	LOW	64QAM	13.35	13.39	13.30	14.00	2.0
		MID	64QAM	13.65	13.77	13.82	14.00	
		HIGH	64QAM	13.54	13.72	13.57	14.00	
	25	LOW	64QAM	11.93	12.05	12.12	13.00	3.0
		MID	64QAM	11.87	12.30	12.09	13.00	
		HIGH	64QAM	12.18	12.05	12.22	13.00	
	50	LOW	64QAM	12.01	12.14	12.32	13.00	3.0

LTE B7-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	MPR (dB)
15	1	LOW	QPSK	14.71	14.76	14.90	16.00	0.0
		MID	QPSK	15.08	15.16	15.14	16.00	
		HIGH	QPSK	15.01	15.06	15.06	16.00	
	36	LOW	QPSK	14.11	13.97	14.06	15.00	1.0
		MID	QPSK	13.89	14.28	14.10	15.00	
		HIGH	QPSK	13.89	14.02	14.17	15.00	
	75	LOW	QPSK	14.14	13.94	14.25	15.00	1.0
15	1	LOW	Q16	14.31	14.32	14.57	15.00	1.0
		MID	Q16	14.74	14.46	14.75	15.00	
		HIGH	Q16	14.61	14.50	14.44	15.00	
	36	LOW	Q16	13.20	12.89	13.18	14.00	2.0
		MID	Q16	13.04	13.14	13.08	14.00	
		HIGH	Q16	12.96	12.92	13.05	14.00	
	75	LOW	Q16	13.07	13.10	13.34	14.00	2.0
15	1	LOW	64QAM	13.44	13.57	13.41	14.00	2.0
		MID	64QAM	13.72	13.66	13.81	14.00	
		HIGH	64QAM	13.60	13.68	13.60	14.00	
	36	LOW	64QAM	11.98	12.07	12.23	13.00	3.0
		MID	64QAM	12.00	12.05	12.22	13.00	
		HIGH	64QAM	12.15	12.10	12.41	13.00	
	75	LOW	64QAM	11.93	11.99	12.07	13.00	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)	MPR (dB)
20	1	LOW	QPSK	14.81	14.75	14.95	16.00	0.0
		MID	QPSK	15.00	15.20	15.04	16.00	
		HIGH	QPSK	14.91	14.92	15.04	16.00	
	50	LOW	QPSK	13.96	13.83	14.16	15.00	1.0
		MID	QPSK	14.02	14.18	14.10	15.00	
		HIGH	QPSK	13.94	14.08	14.08	15.00	
	100	LOW	QPSK	14.00	13.93	14.15	15.00	1.0
20	1	LOW	Q16	14.42	14.32	14.52	15.00	1.0
		MID	Q16	14.61	14.59	14.74	15.00	
		HIGH	Q16	14.47	14.46	14.59	15.00	
	50	LOW	Q16	13.05	12.84	13.20	14.00	2.0
		MID	Q16	13.05	13.10	13.22	14.00	
		HIGH	Q16	13.00	13.07	13.18	14.00	
	100	LOW	Q16	13.03	12.96	13.21	14.00	2.0
20	1	LOW	64QAM	13.46	13.46	13.41	14.00	2.0
		MID	64QAM	13.66	13.66	13.89	14.00	
		HIGH	64QAM	13.46	13.59	13.53	14.00	
	50	LOW	64QAM	11.90	11.92	12.25	13.00	3.0
		MID	64QAM	11.99	12.19	12.22	13.00	
		HIGH	64QAM	12.03	11.99	12.31	13.00	
	100	LOW	64QAM	11.89	12.10	12.20	13.00	3.0

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	MPR (dB)
1.4	1	LOW	QPSK	20.46	20.51	20.50	21.50	0.0
		MID	QPSK	20.65	20.68	20.62	21.50	
		HIGH	QPSK	20.67	20.44	20.62	21.50	
	3	LOW	QPSK	20.29	20.34	20.43	21.50	0.0
		MID	QPSK	20.60	20.60	20.56	21.50	
		HIGH	QPSK	20.56	20.61	20.37	21.50	
	6	LOW	QPSK	19.44	19.49	19.43	20.50	1.0
1.4	1	LOW	Q16	19.25	19.53	19.42	20.50	1.0
		MID	Q16	19.51	19.57	19.43	20.50	
		HIGH	Q16	19.63	19.34	19.44	20.50	
	3	LOW	Q16	19.32	19.38	19.60	20.50	1.0
		MID	Q16	19.69	19.70	19.56	20.50	
		HIGH	Q16	19.62	19.50	19.57	20.50	
	6	LOW	Q16	18.61	18.80	18.59	19.50	2.0
1.4	1	LOW	64QAM	18.22	18.63	18.27	19.50	2.0
		MID	64QAM	18.39	18.63	18.29	19.50	
		HIGH	64QAM	18.53	18.37	18.54	19.50	
	3	LOW	64QAM	18.25	18.45	18.66	19.50	2.0
		MID	64QAM	18.72	18.69	18.43	19.50	
		HIGH	64QAM	18.62	18.58	18.53	19.50	
	6	LOW	64QAM	17.57	17.72	17.55	18.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)	MPR (dB)
3	1	LOW	QPSK	20.34	20.38	20.56	21.50	0.0
		MID	QPSK	20.62	20.42	20.57	21.50	
		HIGH	QPSK	20.47	20.52	20.61	21.50	
	8	LOW	QPSK	19.43	19.34	19.50	20.50	1.0
		MID	QPSK	19.65	19.43	19.60	20.50	
		HIGH	QPSK	19.44	19.42	19.62	20.50	
	15	LOW	QPSK	19.44	19.37	19.47	20.50	1.0
3	1	LOW	Q16	19.36	19.42	20.06	20.50	1.0
		MID	Q16	19.64	19.58	20.02	20.50	
		HIGH	Q16	19.79	19.68	19.99	20.50	
	8	LOW	Q16	18.62	18.48	18.53	19.50	2.0
		MID	Q16	18.76	18.69	18.65	19.50	
		HIGH	Q16	18.82	18.61	18.71	19.50	
	15	LOW	Q16	18.47	18.36	18.63	19.50	2.0
3	1	LOW	64QAM	18.58	18.71	19.07	19.50	2.0
		MID	64QAM	18.78	18.65	19.02	19.50	
		HIGH	64QAM	18.75	18.43	18.96	19.50	
	8	LOW	64QAM	17.73	17.61	17.57	18.50	3.0
		MID	64QAM	17.85	17.61	17.86	18.50	
		HIGH	64QAM	17.82	17.67	17.53	18.50	
	15	LOW	64QAM	17.40	17.38	17.69	18.50	3.0

LTE B12-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)	MPR (dB)
5	1	LOW	QPSK	20.48	20.54	20.43	21.50	0.0
		MID	QPSK	20.60	20.49	20.56	21.50	
		HIGH	QPSK	20.69	20.65	20.55	21.50	
	12	LOW	QPSK	19.35	19.32	19.65	20.50	1.0
		MID	QPSK	19.42	19.66	19.55	20.50	
		HIGH	QPSK	19.65	19.49	19.40	20.50	
	25	LOW	QPSK	19.63	19.50	19.42	20.50	1.0
5	1	LOW	Q16	19.39	19.35	19.95	20.50	1.0
		MID	Q16	19.77	19.42	19.99	20.50	
		HIGH	Q16	19.69	19.49	19.82	20.50	
	12	LOW	Q16	18.38	18.61	18.47	19.50	2.0
		MID	Q16	18.65	18.75	18.55	19.50	
		HIGH	Q16	18.66	18.47	18.65	19.50	
	25	LOW	Q16	18.44	18.46	18.60	19.50	2.0
5	1	LOW	64QAM	18.45	18.60	18.97	19.50	2.0
		MID	64QAM	18.88	18.70	19.04	19.50	
		HIGH	64QAM	18.83	18.52	18.93	19.50	
	12	LOW	64QAM	17.66	17.67	17.53	18.50	3.0
		MID	64QAM	17.91	17.60	17.72	18.50	
		HIGH	64QAM	17.60	17.66	17.54	18.50	
	25	LOW	64QAM	17.60	17.51	17.62	18.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)	MPR (dB)
10	1	LOW	QPSK	20.37	20.47	20.52	21.50	0.0
		MID	QPSK	20.54	20.55	20.51	21.50	
		HIGH	QPSK	20.54	20.54	20.48	21.50	
	25	LOW	QPSK	19.37	19.47	19.52	20.50	1.0
		MID	QPSK	19.56	19.57	19.56	20.50	
		HIGH	QPSK	19.57	19.44	19.51	20.50	
	50	LOW	QPSK	19.52	19.51	19.52	20.50	1.0
10	1	LOW	Q16	19.51	19.46	19.91	20.50	1.0
		MID	Q16	19.70	19.54	20.00	20.50	
		HIGH	Q16	19.67	19.54	19.96	20.50	
	25	LOW	Q16	18.51	18.58	18.62	19.50	2.0
		MID	Q16	18.70	18.65	18.69	19.50	
		HIGH	Q16	18.71	18.50	18.62	19.50	
	50	LOW	Q16	18.56	18.50	18.59	19.50	2.0
10	1	LOW	64QAM	18.54	18.57	19.03	19.50	2.0
		MID	64QAM	18.85	18.60	19.10	19.50	
		HIGH	64QAM	18.77	18.40	18.99	19.50	
	25	LOW	64QAM	17.66	17.63	17.47	18.50	3.0
		MID	64QAM	17.83	17.52	17.73	18.50	
		HIGH	64QAM	17.67	17.53	17.50	18.50	
	50	LOW	64QAM	17.49	17.45	17.57	18.50	3.0

8.3.6 LTE Band38 Output Power

LTE B38-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	MPR (dB)
5	1	LOW	QPSK	17.50	17.53	17.54	18.50	0.0
		MID	QPSK	17.70	17.55	17.77	18.50	
		HIGH	QPSK	17.40	17.40	17.44	18.50	
	12	LOW	QPSK	16.56	16.42	16.50	17.50	1.0
		MID	QPSK	16.61	16.51	16.57	17.50	
		HIGH	QPSK	16.47	16.71	16.46	17.50	
	25	LOW	QPSK	16.53	16.39	16.60	17.50	1.0
5	1	LOW	Q16	16.45	16.44	16.44	17.50	1.0
		MID	Q16	16.57	16.53	16.84	17.50	
		HIGH	Q16	16.47	16.31	16.47	17.50	
	12	LOW	Q16	15.57	15.45	15.64	16.50	2.0
		MID	Q16	15.66	15.57	15.63	16.50	
		HIGH	Q16	15.65	15.60	15.57	16.50	
	25	LOW	Q16	15.69	15.41	15.51	16.50	2.0
5	1	LOW	64QAM	15.47	15.57	15.48	16.50	2.0
		MID	64QAM	15.67	15.44	15.89	16.50	
		HIGH	64QAM	15.49	15.46	15.51	16.50	
	12	LOW	64QAM	14.56	14.43	14.73	15.50	3.0
		MID	64QAM	14.67	14.63	14.74	15.50	
		HIGH	64QAM	14.52	14.65	14.58	15.50	
	25	LOW	64QAM	14.66	14.46	14.40	15.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)	MPR (dB)
10	1	LOW	QPSK	17.34	17.51	17.41	18.50	0.0
		MID	QPSK	17.66	17.72	17.74	18.50	
		HIGH	QPSK	17.64	17.53	17.60	18.50	
	25	LOW	QPSK	16.45	16.57	16.55	17.50	1.0
		MID	QPSK	16.46	16.48	16.67	17.50	
		HIGH	QPSK	16.59	16.48	16.42	17.50	
	50	LOW	QPSK	16.50	16.42	16.36	17.50	1.0
10	1	LOW	Q16	16.50	16.29	16.49	17.50	1.0
		MID	Q16	16.74	16.38	16.73	17.50	
		HIGH	Q16	16.48	16.51	16.46	17.50	
	25	LOW	Q16	15.55	15.56	15.49	16.50	2.0
		MID	Q16	15.68	15.64	15.62	16.50	
		HIGH	Q16	15.38	15.66	15.45	16.50	
	50	LOW	Q16	15.40	15.58	15.42	16.50	2.0
10	1	LOW	64QAM	15.35	15.50	15.63	16.50	2.0
		MID	64QAM	15.34	15.52	15.78	16.50	
		HIGH	64QAM	15.35	15.47	15.56	16.50	
	25	LOW	64QAM	14.46	14.63	14.30	15.50	3.0
		MID	64QAM	14.68	14.63	14.58	15.50	
		HIGH	64QAM	14.76	14.82	14.64	15.50	
	50	LOW	64QAM	14.48	14.47	14.64	15.50	3.0

LTE B38-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	MPR (dB)
15	1	LOW	QPSK	17.31	17.29	17.26	18.50	0.0
		MID	QPSK	17.72	17.64	17.59	18.50	
		HIGH	QPSK	17.37	17.41	17.58	18.50	
	36	LOW	QPSK	16.57	16.37	16.37	17.50	1.0
		MID	QPSK	16.60	16.51	16.71	17.50	
		HIGH	QPSK	16.59	16.52	16.37	17.50	
	75	LOW	QPSK	16.68	16.52	16.35	17.50	1.0
15	1	LOW	Q16	16.28	16.50	16.50	17.50	1.0
		MID	Q16	16.68	16.67	16.74	17.50	
		HIGH	Q16	16.40	16.43	16.61	17.50	
	36	LOW	Q16	15.48	15.40	15.43	16.50	2.0
		MID	Q16	15.58	15.62	15.67	16.50	
		HIGH	Q16	15.47	15.51	15.53	16.50	
	75	LOW	Q16	15.66	15.63	15.51	16.50	2.0
15	1	LOW	64QAM	15.57	15.40	15.52	16.50	2.0
		MID	64QAM	15.54	15.47	15.62	16.50	
		HIGH	64QAM	15.40	15.45	15.39	16.50	
	36	LOW	64QAM	14.48	14.64	14.48	15.50	3.0
		MID	64QAM	14.89	14.75	14.65	15.50	
		HIGH	64QAM	14.77	14.64	14.58	15.50	
	75	LOW	64QAM	14.50	14.36	14.48	15.50	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)	MPR (dB)
20	1	LOW	QPSK	17.44	17.39	17.41	18.50	0.0
		MID	QPSK	17.61	17.61	17.67	18.50	
		HIGH	QPSK	17.50	17.43	17.47	18.50	
	50	LOW	QPSK	16.52	16.48	16.49	17.50	1.0
		MID	QPSK	16.61	16.58	16.62	17.50	
		HIGH	QPSK	16.53	16.56	16.46	17.50	
	100	LOW	QPSK	16.53	16.50	16.46	17.50	1.0
20	1	LOW	Q16	16.42	16.36	16.55	17.50	1.0
		MID	Q16	16.62	16.52	16.72	17.50	
		HIGH	Q16	16.47	16.37	16.55	17.50	
	50	LOW	Q16	15.49	15.51	15.50	16.50	2.0
		MID	Q16	15.60	15.61	15.59	16.50	
		HIGH	Q16	15.51	15.56	15.57	16.50	
	100	LOW	Q16	15.55	15.53	15.49	16.50	2.0
20	1	LOW	64QAM	15.47	15.48	15.67	16.50	2.0
		MID	64QAM	15.47	15.42	15.63	16.50	
		HIGH	64QAM	15.32	15.43	15.54	16.50	
	50	LOW	64QAM	14.46	14.64	14.45	15.50	3.0
		MID	64QAM	14.74	14.75	14.57	15.50	
		HIGH	64QAM	14.62	14.70	14.66	15.50	
	100	LOW	64QAM	14.42	14.44	14.58	15.50	3.0

8.3.7 LTE Band41 Output Power

LTE B41-Full Power -Ant.1								MPR (dB)
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	17.50	17.33	17.17	18.00	0.0
		MID	QPSK	17.58	17.46	17.42	18.00	
		HIGH	QPSK	17.38	17.41	17.37	18.00	
	12	LOW	QPSK	16.30	16.34	16.45	17.00	1.0
		MID	QPSK	16.62	16.61	16.47	17.00	
		HIGH	QPSK	16.61	16.49	16.45	17.00	
	25	LOW	QPSK	16.47	16.49	16.31	17.00	1.0
5	1	LOW	Q16	16.38	16.34	16.26	17.00	1.0
		MID	Q16	16.52	16.56	16.50	17.00	
		HIGH	Q16	16.27	16.43	16.46	17.00	
	12	LOW	Q16	15.23	15.63	15.61	16.00	2.0
		MID	Q16	15.65	15.43	15.43	16.00	
		HIGH	Q16	15.63	15.64	15.26	16.00	
	25	LOW	Q16	15.31	15.49	15.36	16.00	2.0
5	1	LOW	64QAM	15.53	15.28	15.32	16.00	2.0
		MID	64QAM	15.47	15.48	15.45	16.00	
		HIGH	64QAM	15.14	15.37	15.57	16.00	
	12	LOW	64QAM	14.34	14.49	14.69	15.00	3.0
		MID	64QAM	14.75	14.49	14.40	15.00	
		HIGH	64QAM	14.65	14.63	14.24	15.00	
	25	LOW	64QAM	14.24	14.37	14.24	15.00	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)	MPR (dB)
10	1	LOW	QPSK	17.24	17.24	17.32	18.00	0.0
		MID	QPSK	17.61	17.63	17.42	18.00	
		HIGH	QPSK	17.64	17.45	17.29	18.00	
	25	LOW	QPSK	16.32	16.43	16.60	17.00	1.0
		MID	QPSK	16.70	16.70	16.54	17.00	
		HIGH	QPSK	16.55	16.62	16.21	17.00	
	50	LOW	QPSK	16.42	16.38	16.46	17.00	1.0
10	1	LOW	Q16	16.36	16.34	16.31	17.00	1.0
		MID	Q16	16.57	16.56	16.61	17.00	
		HIGH	Q16	16.42	16.41	16.56	17.00	
	25	LOW	Q16	15.23	15.50	15.49	16.00	2.0
		MID	Q16	15.59	15.65	15.62	16.00	
		HIGH	Q16	15.47	15.63	15.34	16.00	
	50	LOW	Q16	15.37	15.48	15.32	16.00	2.0
10	1	LOW	64QAM	15.27	15.27	15.62	16.00	2.0
		MID	64QAM	15.76	15.71	15.61	16.00	
		HIGH	64QAM	15.57	15.39	15.66	16.00	
	25	LOW	64QAM	14.31	14.54	14.56	15.00	3.0
		MID	64QAM	14.57	14.37	14.60	15.00	
		HIGH	64QAM	14.74	14.76	14.57	15.00	
	50	LOW	64QAM	14.55	14.74	14.24	15.00	3.0

LTE B41-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)	MPR (dB)
15	1	LOW	QPSK	17.45	17.28	17.20	18.00	0.0
		MID	QPSK	17.63	17.60	17.57	18.00	
		HIGH	QPSK	17.36	17.52	17.44	18.00	
	36	LOW	QPSK	16.24	16.50	16.45	17.00	1.0
		MID	QPSK	16.45	16.62	16.37	17.00	
		HIGH	QPSK	16.47	16.54	16.30	17.00	
	75	LOW	QPSK	16.40	16.38	16.54	17.00	1.0
15	1	LOW	Q16	16.31	16.34	16.47	17.00	1.0
		MID	Q16	16.42	16.50	16.58	17.00	
		HIGH	Q16	16.45	16.37	16.60	17.00	
	36	LOW	Q16	15.46	15.39	15.70	16.00	2.0
		MID	Q16	15.66	15.45	15.66	16.00	
		HIGH	Q16	15.60	15.51	15.50	16.00	
	75	LOW	Q16	15.33	15.58	15.50	16.00	2.0
15	1	LOW	64QAM	15.46	15.53	15.60	16.00	2.0
		MID	64QAM	15.50	15.68	15.65	16.00	
		HIGH	64QAM	15.42	15.31	15.70	16.00	
	36	LOW	64QAM	14.43	14.33	14.46	15.00	3.0
		MID	64QAM	14.47	14.63	14.52	15.00	
		HIGH	64QAM	14.74	14.75	14.33	15.00	
	75	LOW	64QAM	14.60	14.72	14.29	15.00	3.0
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)	MPR (dB)
20	1	LOW	QPSK	17.35	17.34	17.31	18.00	0.0
		MID	QPSK	17.56	17.59	17.55	18.00	
		HIGH	QPSK	17.49	17.40	17.36	18.00	
	50	LOW	QPSK	16.37	16.48	16.46	17.00	1.0
		MID	QPSK	16.56	16.56	16.46	17.00	
		HIGH	QPSK	16.52	16.50	16.34	17.00	
	100	LOW	QPSK	16.43	16.45	16.39	17.00	1.0
20	1	LOW	Q16	16.28	16.31	16.38	17.00	1.0
		MID	Q16	16.51	16.47	16.63	17.00	
		HIGH	Q16	16.41	16.33	16.47	17.00	
	50	LOW	Q16	15.34	15.49	15.55	16.00	2.0
		MID	Q16	15.51	15.58	15.57	16.00	
		HIGH	Q16	15.48	15.54	15.41	16.00	
	100	LOW	Q16	15.44	15.49	15.42	16.00	2.0
20	1	LOW	64QAM	15.34	15.38	15.50	16.00	2.0
		MID	64QAM	15.62	15.62	15.75	16.00	
		HIGH	64QAM	15.47	15.44	15.61	16.00	
	50	LOW	64QAM	14.30	14.46	14.44	15.00	3.0
		MID	64QAM	14.42	14.52	14.48	15.00	
		HIGH	64QAM	14.63	14.65	14.44	15.00	
	100	LOW	64QAM	14.46	14.61	14.36	15.00	3.0