

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

GSM-Full Power									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.09	32.00	32.10	32.50	9.19	22.90	22.81	22.91	23.31
GPRS (GMSK, 1-Slot)	31.86	31.94	32.01	32.50	9.19	22.67	22.75	22.82	23.31
GPRS (GMSK, 2-Slots)	31.00	31.06	31.16	31.50	6.13	24.87	24.93	25.03	25.37
GPRS (GMSK, 3-Slots)	29.25	29.30	29.42	30.00	4.42	24.83	24.88	25.00	25.58
GPRS (GMSK, 4-Slots)	28.13	28.18	28.30	29.00	3.18	24.95	25.00	25.12	25.82
EGPRS (8PSK, 1-Slot)	25.18	24.79	24.79	26.00	9.19	15.99	15.60	15.60	16.81
EGPRS (8PSK, 2-Slots)	23.59	23.36	23.34	24.00	6.13	17.46	17.23	17.21	17.87
EGPRS (8PSK, 3-Slots)	21.18	21.09	21.12	22.00	4.42	16.76	16.67	16.70	17.58
EGPRS (8PSK, 4-Slots)	19.88	19.75	20.05	21.00	3.18	16.70	16.57	16.87	17.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	28.76	28.88	28.86	29.00	9.19	19.57	19.69	19.67	19.81
GPRS (GMSK, 1-Slot)	28.70	28.82	28.77	29.00	9.19	19.51	19.63	19.58	19.81
GPRS (GMSK, 2-Slots)	28.11	28.24	28.20	28.50	6.13	21.98	22.11	22.07	22.37
GPRS (GMSK, 3-Slots)	26.63	26.70	26.68	27.00	4.42	22.21	22.28	22.26	22.58
GPRS (GMSK, 4-Slots)	25.53	25.62	25.61	26.00	3.18	22.35	22.44	22.43	22.82
EGPRS (8PSK, 1-Slot)	25.61	25.70	25.74	26.00	9.19	16.42	16.51	16.55	16.81
EGPRS (8PSK, 2-Slots)	24.52	24.65	24.79	25.00	6.13	18.39	18.52	18.66	18.87
EGPRS (8PSK, 3-Slots)	22.21	22.42	22.46	23.00	4.42	17.79	18.00	18.04	18.58
EGPRS (8PSK, 4-Slots)	20.94	21.12	21.13	22.00	3.18	17.76	17.94	17.95	18.82

8.2 WCDMA Output Power

WCDMA-Full Power				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	21.89	21.95	22.02	22.50
RMC 12.2Kbps	21.92	22.08	22.17	22.50
HSDPA Subtest-1	21.00	21.10	21.19	22.00
HSDPA Subtest-2	21.28	21.11	20.94	22.00
HSDPA Subtest-3	20.56	20.59	20.72	21.00
HSDPA Subtest-4	20.49	20.58	20.43	21.00
HSUPA Subtest-1	18.94	18.81	18.71	20.00
HSUPA Subtest-2	19.17	19.11	18.93	20.00
HSUPA Subtest-3	19.92	20.09	19.95	21.00
HSUPA Subtest-4	18.56	18.62	18.74	20.00
HSUPA Subtest-5	20.21	20.08	20.21	21.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	22.04	21.82	21.87	23.00
RMC 12.2Kbps	22.04	21.94	21.99	23.00
HSDPA Subtest-1	21.15	21.24	21.39	22.00
HSDPA Subtest-2	21.20	21.22	21.24	22.00
HSDPA Subtest-3	20.83	20.71	20.68	21.00
HSDPA Subtest-4	20.58	20.72	20.74	21.00
HSUPA Subtest-1	18.83	18.99	18.96	20.00
HSUPA Subtest-2	19.40	19.24	19.26	20.00
HSUPA Subtest-3	20.21	20.27	20.37	21.00
HSUPA Subtest-4	18.92	18.84	18.96	20.00
HSUPA Subtest-5	20.09	20.26	20.36	21.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.18	22.13	22.21	23.00
RMC 12.2Kbps	22.22	22.27	22.25	23.00
HSDPA Subtest-1	21.38	21.28	21.13	22.00
HSDPA Subtest-2	21.27	21.29	21.49	22.00
HSDPA Subtest-3	20.70	20.77	20.80	21.00
HSDPA Subtest-4	20.85	20.78	20.66	21.00
HSUPA Subtest-1	18.87	19.05	19.08	20.00
HSUPA Subtest-2	19.38	19.32	19.23	20.00
HSUPA Subtest-3	20.21	20.28	20.42	21.00
HSUPA Subtest-4	18.80	18.86	18.74	20.00
HSUPA Subtest-5	20.43	20.25	20.08	21.00

8.3.1 LTE Band2 Output Power

LTE B2-Full Power								
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	0	QPSK	22.61	22.68	22.68	23.50
		MID	12	QPSK	22.76	22.83	22.89	23.50
		HIGH	24	QPSK	22.59	22.66	22.71	23.50
	3	LOW	0	QPSK	22.64	22.71	22.78	23.50
		MID	7	QPSK	22.72	22.74	22.84	23.50
		HIGH	13	QPSK	22.62	22.71	22.82	23.50
	6	LOW	0	QPSK	21.66	21.74	21.76	22.50
	1.4	LOW	0	Q16	21.56	22.00	21.65	22.50
		MID	12	Q16	21.77	22.12	21.81	22.50
		HIGH	24	Q16	21.59	21.97	21.65	22.50
		LOW	0	Q16	21.69	21.85	21.86	22.50
		MID	7	Q16	21.65	21.86	21.92	22.50
		HIGH	13	Q16	21.63	21.90	21.87	22.50
1.4	6	LOW	0	Q16	20.74	20.59	20.90	21.50
	1	LOW	0	64QAM	20.87	21.02	20.70	21.50
		MID	12	64QAM	21.23	21.41	21.27	21.50
		HIGH	24	64QAM	20.75	20.79	21.00	21.50
	3	LOW	0	64QAM	21.01	21.08	20.69	21.50
		MID	7	64QAM	21.06	21.15	21.25	21.50
		HIGH	13	64QAM	20.69	20.62	20.80	21.50
	6	LOW	0	64QAM	19.61	19.73	19.62	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	0	QPSK	22.28	22.53	22.41	23.50
		MID	25	QPSK	22.78	22.78	22.80	23.50
		HIGH	49	QPSK	22.46	22.41	22.44	23.50
	8	LOW	0	QPSK	21.72	21.60	21.83	22.50
		MID	12	QPSK	21.62	21.84	21.61	22.50
		HIGH	25	QPSK	21.70	21.53	21.57	22.50
	15	LOW	0	QPSK	21.46	21.64	21.52	22.50
	3	LOW	0	Q16	21.82	21.77	21.75	22.50
		MID	25	Q16	22.37	22.07	21.99	22.50
		HIGH	49	Q16	21.97	21.91	21.73	22.50
		LOW	0	Q16	20.54	20.71	20.57	21.50
		MID	12	Q16	20.69	20.54	20.67	21.50
		HIGH	25	Q16	20.77	20.72	20.52	21.50
3	15	LOW	0	Q16	20.61	20.59	20.75	21.50
	1	LOW	0	64QAM	21.01	21.06	20.90	21.50
		MID	25	64QAM	21.06	21.22	21.29	21.50
		HIGH	49	64QAM	20.80	20.63	20.98	21.50
	8	LOW	0	64QAM	19.70	19.84	19.83	20.50
		MID	12	64QAM	19.52	19.72	19.53	20.50
		HIGH	25	64QAM	19.61	19.74	19.49	20.50
	15	LOW	0	64QAM	19.82	19.63	19.56	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	0	QPSK	22.34	22.43	22.46	23.50
		MID	37	QPSK	22.63	22.83	22.83	23.50
		HIGH	74	QPSK	22.38	22.42	22.52	23.50
	12	LOW	0	QPSK	21.61	21.73	21.73	22.50
		MID	20	QPSK	21.68	21.76	21.67	22.50
		HIGH	39	QPSK	21.72	21.63	21.41	22.50
	25	LOW	0	QPSK	21.65	21.61	21.73	22.50
	5	LOW	0	Q16	21.73	21.79	21.80	22.50
		MID	37	Q16	22.19	22.01	22.19	22.50
		HIGH	74	Q16	21.83	21.69	21.86	22.50
		LOW	0	Q16	20.66	20.59	20.71	21.50
		MID	20	Q16	20.68	20.55	20.50	21.50
		HIGH	39	Q16	20.78	20.76	20.41	21.50
5	25	LOW	0	Q16	20.73	20.60	20.57	21.50
	1	LOW	0	64QAM	20.90	21.07	20.76	21.50
		MID	37	64QAM	21.21	21.29	21.28	21.50
		HIGH	74	64QAM	20.71	20.81	20.81	21.50
	12	LOW	0	64QAM	19.59	19.85	19.85	20.50
		MID	20	64QAM	19.52	19.80	19.62	20.50
		HIGH	39	64QAM	19.67	19.71	19.40	20.50
	25	LOW	0	64QAM	19.82	19.89	19.48	20.50

LTE B2-Full Power								
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	0	QPSK	22.22	22.31	22.47	23.50
		MID	49	QPSK	22.58	22.85	22.91	23.50
		HIGH	99	QPSK	22.32	22.43	22.42	23.50
	25	LOW	0	QPSK	21.55	21.71	21.84	22.50
		MID	24	QPSK	21.70	21.81	21.68	22.50
		HIGH	50	QPSK	21.77	21.57	21.56	22.50
	50	LOW	0	QPSK	21.51	21.65	21.57	22.50
10	1	LOW	0	Q16	21.88	22.01	21.76	22.50
		MID	49	Q16	22.09	22.06	22.02	22.50
		HIGH	99	Q16	21.93	21.70	21.86	22.50
	25	LOW	0	Q16	20.54	20.53	20.80	21.50
		MID	24	Q16	20.56	20.64	20.67	21.50
		HIGH	50	Q16	20.66	20.57	20.54	21.50
	50	LOW	0	Q16	20.67	20.79	20.70	21.50
10	1	LOW	0	64QAM	20.89	20.79	20.97	21.50
		MID	49	64QAM	21.11	21.32	21.29	21.50
		HIGH	99	64QAM	20.88	20.69	20.85	21.50
	25	LOW	0	64QAM	19.51	19.70	19.62	20.50
		MID	24	64QAM	19.67	19.76	19.64	20.50
		HIGH	50	64QAM	19.47	19.55	19.62	20.50
	50	LOW	0	64QAM	19.61	19.69	19.54	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	0	QPSK	22.30	22.53	22.33	23.50
		MID	37	QPSK	22.68	22.77	22.79	23.50
		HIGH	74	QPSK	22.36	22.46	22.41	23.50
	36	LOW	0	QPSK	21.72	21.69	21.82	22.50
		MID	20	QPSK	21.50	21.65	21.69	22.50
		HIGH	39	QPSK	21.73	21.48	21.64	22.50
	75	LOW	0	QPSK	21.61	21.81	21.74	22.50
15	1	LOW	0	Q16	21.70	21.83	21.91	22.50
		MID	37	Q16	22.33	22.09	22.16	22.50
		HIGH	74	Q16	21.78	21.72	21.89	22.50
	36	LOW	0	Q16	20.60	20.65	20.60	21.50
		MID	20	Q16	20.71	20.64	20.52	21.50
		HIGH	39	Q16	20.57	20.57	20.52	21.50
	75	LOW	0	Q16	20.56	20.50	20.70	21.50
15	1	LOW	0	64QAM	20.84	21.05	20.98	21.50
		MID	37	64QAM	21.18	21.16	21.06	21.50
		HIGH	74	64QAM	20.71	20.77	20.81	21.50
	36	LOW	0	64QAM	19.44	19.86	19.77	20.50
		MID	20	64QAM	19.64	19.75	19.48	20.50
		HIGH	39	64QAM	19.42	19.47	19.55	20.50
	75	LOW	0	64QAM	19.75	19.82	19.62	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	0	QPSK	22.33	22.42	22.41	23.50
		MID	49	QPSK	22.72	22.85	22.81	23.50
		HIGH	99	QPSK	22.41	22.50	22.43	23.50
	50	LOW	0	QPSK	21.60	21.67	21.71	22.50
		MID	24	QPSK	21.60	21.69	21.69	22.50
		HIGH	50	QPSK	21.62	21.58	21.55	22.50
	100	LOW	0	QPSK	21.60	21.68	21.65	22.50
20	1	LOW	0	Q16	21.83	21.86	21.77	22.50
		MID	49	Q16	22.24	22.15	22.11	22.50
		HIGH	99	Q16	21.89	21.82	21.80	22.50
	50	LOW	0	Q16	20.63	20.67	20.65	21.50
		MID	24	Q16	20.62	20.66	20.61	21.50
		HIGH	50	Q16	20.64	20.62	20.56	21.50
	100	LOW	0	Q16	20.66	20.64	20.64	21.50
20	1	LOW	0	64QAM	20.92	20.93	20.84	21.50
		MID	49	64QAM	21.10	21.29	21.17	21.50
		HIGH	99	64QAM	20.83	20.76	20.92	21.50
	50	LOW	0	64QAM	19.56	19.73	19.72	20.50
		MID	24	64QAM	19.59	19.76	19.52	20.50
		HIGH	50	64QAM	19.57	19.59	19.55	20.50
	100	LOW	0	64QAM	19.67	19.78	19.60	20.50

8.3.2 LTE Band4 Output Power

LTE B4-Full Power								
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	0	QPSK	22.04	22.00	22.17	23.50
		MID	12	QPSK	22.39	22.67	22.52	23.50
		HIGH	24	QPSK	22.11	22.33	22.32	23.50
	3	LOW	0	QPSK	22.14	21.94	22.16	23.50
		MID	7	QPSK	22.55	22.59	22.73	23.50
		HIGH	13	QPSK	22.14	22.16	22.34	23.50
	6	LOW	0	QPSK	21.42	21.42	21.50	22.50
	1.4	LOW	0	Q16	21.31	21.56	21.52	22.50
		MID	12	Q16	21.85	21.97	21.97	22.50
		HIGH	24	Q16	21.66	21.58	21.78	22.50
		LOW	0	Q16	21.39	21.68	21.45	22.50
		MID	7	Q16	21.69	22.06	21.97	22.50
		HIGH	13	Q16	21.48	21.64	21.64	22.50
1.4	6	LOW	0	Q16	20.48	20.40	20.38	21.50
	1	LOW	0	64QAM	20.30	20.74	20.62	21.50
		MID	12	64QAM	20.78	21.14	20.99	21.50
		HIGH	24	64QAM	20.61	20.63	20.69	21.50
	3	LOW	0	64QAM	20.27	20.59	20.65	21.50
		MID	7	64QAM	20.87	21.16	20.84	21.50
		HIGH	13	64QAM	20.63	20.67	20.78	21.50
	6	LOW	0	64QAM	19.33	19.43	19.45	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	0	QPSK	22.17	21.97	22.09	23.50
		MID	25	QPSK	22.36	22.65	22.76	23.50
		HIGH	49	QPSK	22.22	22.18	22.21	23.50
	8	LOW	0	QPSK	21.36	21.42	21.54	22.50
		MID	12	QPSK	21.36	21.25	21.56	22.50
		HIGH	25	QPSK	21.24	21.36	21.56	22.50
	15	LOW	0	QPSK	21.34	21.34	21.42	22.50
	3	LOW	0	Q16	21.57	21.58	21.56	22.50
		MID	25	Q16	21.76	22.14	22.08	22.50
		HIGH	49	Q16	21.54	21.62	21.80	22.50
		LOW	0	Q16	20.27	20.40	20.39	21.50
		MID	12	Q16	20.30	20.53	20.49	21.50
		HIGH	25	Q16	20.24	20.58	20.39	21.50
3	15	LOW	0	Q16	20.24	20.31	20.33	21.50
	1	LOW	0	64QAM	20.46	20.62	20.61	21.50
		MID	25	64QAM	20.65	21.26	21.04	21.50
		HIGH	49	64QAM	20.63	20.62	20.64	21.50
	8	LOW	0	64QAM	19.39	19.38	19.43	20.50
		MID	12	64QAM	19.48	19.54	19.58	20.50
		HIGH	25	64QAM	19.30	19.50	19.45	20.50
	15	LOW	0	64QAM	19.52	19.40	19.51	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	0	QPSK	21.97	22.01	22.04	23.50
		MID	37	QPSK	22.44	22.56	22.57	23.50
		HIGH	74	QPSK	22.10	22.20	22.22	23.50
	12	LOW	0	QPSK	21.15	21.27	21.32	22.50
		MID	20	QPSK	21.33	21.52	21.33	22.50
		HIGH	39	QPSK	21.46	21.48	21.53	22.50
	25	LOW	0	QPSK	21.34	21.52	21.44	22.50
	5	LOW	0	Q16	21.39	21.69	21.63	22.50
		MID	37	Q16	21.70	21.97	22.17	22.50
		HIGH	74	Q16	21.57	21.85	21.75	22.50
		LOW	0	Q16	20.37	20.52	20.36	21.50
		MID	20	Q16	20.35	20.35	20.45	21.50
		HIGH	39	Q16	20.39	20.64	20.45	21.50
5	25	LOW	0	Q16	20.20	20.42	20.35	21.50
	1	LOW	0	64QAM	20.25	20.82	20.41	21.50
		MID	37	64QAM	20.86	21.14	20.85	21.50
		HIGH	74	64QAM	20.44	20.65	20.61	21.50
	12	LOW	0	64QAM	19.36	19.41	19.26	20.50
		MID	20	64QAM	19.48	19.60	19.55	20.50
		HIGH	39	64QAM	19.41	19.38	19.35	20.50
	25	LOW	0	64QAM	19.33	19.35	19.34	20.50

LTE B4-Full Power								
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	0	QPSK	22.07	22.16	22.19	23.50
		MID	49	QPSK	22.59	22.59	22.63	23.50
		HIGH	99	QPSK	22.09	22.06	22.25	23.50
	25	LOW	0	QPSK	21.11	21.43	21.32	22.50
		MID	24	QPSK	21.39	21.40	21.54	22.50
		HIGH	50	QPSK	21.31	21.44	21.57	22.50
	50	LOW	0	QPSK	21.21	21.34	21.51	22.50
10	1	LOW	0	Q16	21.44	21.59	21.47	22.50
		MID	49	Q16	21.75	22.04	21.96	22.50
		HIGH	99	Q16	21.67	21.85	21.72	22.50
	25	LOW	0	Q16	20.36	20.56	20.55	21.50
		MID	24	Q16	20.33	20.26	20.56	21.50
		HIGH	50	Q16	20.34	20.49	20.40	21.50
	50	LOW	0	Q16	20.25	20.34	20.35	21.50
10	1	LOW	0	64QAM	20.40	20.59	20.60	21.50
		MID	49	64QAM	20.88	21.23	21.02	21.50
		HIGH	99	64QAM	20.65	20.84	20.57	21.50
	25	LOW	0	64QAM	19.25	19.57	19.18	20.50
		MID	24	64QAM	19.64	19.46	19.52	20.50
		HIGH	50	64QAM	19.29	19.40	19.50	20.50
	50	LOW	0	64QAM	19.34	19.27	19.32	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	0	QPSK	22.14	22.03	21.98	23.50
		MID	37	QPSK	22.42	22.46	22.47	23.50
		HIGH	74	QPSK	22.14	22.32	22.16	23.50
	36	LOW	0	QPSK	21.11	21.41	21.52	22.50
		MID	20	QPSK	21.34	21.41	21.38	22.50
		HIGH	39	QPSK	21.33	21.34	21.59	22.50
	75	LOW	0	QPSK	21.43	21.36	21.29	22.50
15	1	LOW	0	Q16	21.54	21.59	21.64	22.50
		MID	37	Q16	21.70	21.94	22.04	22.50
		HIGH	74	Q16	21.69	21.62	21.67	22.50
	36	LOW	0	Q16	20.11	20.37	20.36	21.50
		MID	20	Q16	20.26	20.43	20.47	21.50
		HIGH	39	Q16	20.35	20.50	20.33	21.50
	75	LOW	0	Q16	20.38	20.52	20.42	21.50
15	1	LOW	0	64QAM	20.34	20.73	20.51	21.50
		MID	37	64QAM	20.71	21.28	21.00	21.50
		HIGH	74	64QAM	20.65	20.75	20.77	21.50
	36	LOW	0	64QAM	19.13	19.48	19.21	20.50
		MID	20	64QAM	19.41	19.36	19.60	20.50
		HIGH	39	64QAM	19.36	19.41	19.49	20.50
	75	LOW	0	64QAM	19.39	19.21	19.43	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	0	QPSK	22.02	22.08	22.13	23.50
		MID	49	QPSK	22.47	22.55	22.61	23.50
		HIGH	99	QPSK	22.11	22.20	22.22	23.50
	50	LOW	0	QPSK	21.26	21.39	21.44	22.50
		MID	24	QPSK	21.36	21.38	21.46	22.50
		HIGH	50	QPSK	21.35	21.42	21.44	22.50
	100	LOW	0	QPSK	21.34	21.42	21.42	22.50
20	1	LOW	0	Q16	21.43	21.66	21.59	22.50
		MID	49	Q16	21.84	22.07	22.08	22.50
		HIGH	99	Q16	21.54	21.73	21.66	22.50
	50	LOW	0	Q16	20.26	20.45	20.42	21.50
		MID	24	Q16	20.37	20.38	20.49	21.50
		HIGH	50	Q16	20.36	20.49	20.44	21.50
	100	LOW	0	Q16	20.33	20.45	20.44	21.50
20	1	LOW	0	64QAM	20.32	20.70	20.52	21.50
		MID	49	64QAM	20.74	21.19	20.97	21.50
		HIGH	99	64QAM	20.53	20.71	20.68	21.50
	50	LOW	0	64QAM	19.25	19.43	19.30	20.50
		MID	24	64QAM	19.50	19.46	19.52	20.50
		HIGH	50	64QAM	19.33	19.38	19.49	20.50
	100	LOW	0	64QAM	19.48	19.36	19.43	20.50

8.3.3 LTE Band5 Output Power

LTE B5-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.68	22.77	22.78	23.50
		MID	QPSK	22.82	22.80	22.78	23.50
		HIGH	QPSK	22.51	22.78	22.67	23.50
	3	LOW	QPSK	22.49	22.64	22.54	23.50
		MID	QPSK	22.67	22.72	22.89	23.50
		HIGH	QPSK	22.55	22.55	22.77	23.50
	6	LOW	QPSK	21.54	21.62	21.64	22.50
1.4	1	LOW	Q16	21.41	21.97	21.62	22.50
		MID	Q16	21.70	22.12	21.87	22.50
		HIGH	Q16	21.73	21.99	21.68	22.50
	3	LOW	Q16	21.36	21.99	21.70	22.50
		MID	Q16	21.85	22.02	21.98	22.50
		HIGH	Q16	21.58	21.99	21.55	22.50
	6	LOW	Q16	20.55	20.82	21.05	21.50
1.4	1	LOW	64QAM	20.52	21.05	20.42	21.50
		MID	64QAM	20.60	21.17	20.80	21.50
		HIGH	64QAM	20.69	20.78	20.59	21.50
	3	LOW	64QAM	20.64	20.86	20.54	21.50
		MID	64QAM	20.53	21.36	20.97	21.50
		HIGH	64QAM	20.61	20.73	20.48	21.50
	6	LOW	64QAM	19.67	19.92	19.72	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.50	22.55	22.59	23.50
		MID	QPSK	22.66	22.91	22.85	23.50
		HIGH	QPSK	22.69	22.78	22.80	23.50
	8	LOW	QPSK	21.64	21.78	21.81	22.50
		MID	QPSK	21.69	21.80	21.80	22.50
		HIGH	QPSK	21.68	21.69	21.75	22.50
	15	LOW	QPSK	21.75	21.62	21.63	22.50
3	1	LOW	Q16	21.50	21.93	21.50	22.50
		MID	Q16	21.61	22.11	21.79	22.50
		HIGH	Q16	21.54	21.89	21.69	22.50
	8	LOW	Q16	20.71	20.67	20.80	21.50
		MID	Q16	20.65	20.83	20.75	21.50
		HIGH	Q16	20.80	20.91	20.73	21.50
	15	LOW	Q16	20.61	20.70	20.91	21.50
3	1	LOW	64QAM	20.46	20.96	20.41	21.50
		MID	64QAM	20.77	21.40	20.73	21.50
		HIGH	64QAM	20.43	21.00	20.58	21.50
	8	LOW	64QAM	19.70	19.93	19.81	20.50
		MID	64QAM	19.71	19.89	19.81	20.50
		HIGH	64QAM	19.82	19.87	19.86	20.50
	15	LOW	64QAM	19.82	19.74	19.94	20.50

LTE B5-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.43	22.76	22.60	23.50
		MID	QPSK	22.78	22.64	23.01	23.50
		HIGH	QPSK	22.73	22.56	22.62	23.50
	12	LOW	QPSK	21.62	21.90	21.92	22.50
		MID	QPSK	21.80	21.59	21.74	22.50
		HIGH	QPSK	21.61	21.62	21.63	22.50
	25	LOW	QPSK	21.75	21.87	21.90	22.50
5	1	LOW	Q16	21.41	22.12	21.71	22.50
		MID	Q16	21.86	22.09	21.89	22.50
		HIGH	Q16	21.76	21.96	21.76	22.50
	12	LOW	Q16	20.79	20.88	21.03	21.50
		MID	Q16	20.59	20.63	21.01	21.50
		HIGH	Q16	20.64	20.84	20.68	21.50
	25	LOW	Q16	20.82	20.84	20.68	21.50
5	1	LOW	64QAM	20.37	20.87	20.51	21.50
		MID	64QAM	20.71	21.41	20.99	21.50
		HIGH	64QAM	20.50	20.95	20.60	21.50
	12	LOW	64QAM	19.73	19.82	19.94	20.50
		MID	64QAM	19.59	19.75	19.84	20.50
		HIGH	64QAM	19.63	19.90	19.96	20.50
	25	LOW	64QAM	19.78	19.75	19.84	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.57	22.66	22.66	23.50
		MID	QPSK	22.77	22.76	22.89	23.50
		HIGH	QPSK	22.66	22.67	22.76	23.50
	25	LOW	QPSK	21.63	21.76	21.78	22.50
		MID	QPSK	21.66	21.69	21.75	22.50
		HIGH	QPSK	21.66	21.74	21.67	22.50
	50	LOW	QPSK	21.62	21.73	21.75	22.50
10	1	LOW	Q16	21.46	22.02	21.64	22.50
		MID	Q16	21.73	22.14	21.84	22.50
		HIGH	Q16	21.61	21.99	21.64	22.50
	25	LOW	Q16	20.70	20.82	20.90	21.50
		MID	Q16	20.74	20.77	20.86	21.50
		HIGH	Q16	20.70	20.80	20.80	21.50
	50	LOW	Q16	20.68	20.75	20.82	21.50
10	1	LOW	64QAM	20.50	20.98	20.51	21.50
		MID	64QAM	20.65	21.27	20.87	21.50
		HIGH	64QAM	20.58	20.87	20.54	21.50
	25	LOW	64QAM	19.76	19.91	19.86	20.50
		MID	64QAM	19.68	19.85	19.73	20.50
		HIGH	64QAM	19.76	19.82	19.95	20.50
	50	LOW	64QAM	19.73	19.74	19.88	20.50

8.3.4 LTE Band7 Output Power

LTE B7-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.56	22.56	22.47	23.50
		MID	QPSK	22.84	22.98	23.18	23.50
		HIGH	QPSK	22.61	22.68	22.62	23.50
	12	LOW	QPSK	21.82	21.79	22.05	22.50
		MID	QPSK	21.99	21.97	21.92	22.50
		HIGH	QPSK	21.82	21.96	21.81	22.50
	25	LOW	QPSK	21.86	21.86	21.80	22.50
5	1	LOW	Q16	21.93	22.16	21.86	22.50
		MID	Q16	22.37	22.44	22.42	22.50
		HIGH	Q16	22.00	22.12	22.03	22.50
	12	LOW	Q16	20.73	20.98	21.01	21.50
		MID	Q16	21.03	21.01	21.11	21.50
		HIGH	Q16	20.79	21.07	20.82	21.50
	25	LOW	Q16	20.95	20.88	20.83	21.50
5	1	LOW	64QAM	21.01	21.03	21.22	21.50
		MID	64QAM	21.15	21.46	21.39	21.50
		HIGH	64QAM	21.14	21.16	21.06	21.50
	12	LOW	64QAM	20.06	19.56	19.99	20.50
		MID	64QAM	20.09	20.08	19.73	20.50
		HIGH	64QAM	19.86	19.95	19.91	20.50
	25	LOW	64QAM	19.97	19.90	20.03	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.50	22.71	23.50
		MID	QPSK	23.12	22.99	23.10	23.50
		HIGH	QPSK	22.70	22.77	22.84	23.50
	25	LOW	QPSK	21.82	21.71	21.84	22.50
		MID	QPSK	21.80	21.93	21.82	22.50
		HIGH	QPSK	21.85	21.75	22.02	22.50
50	LOW	QPSK	21.93	21.96	21.99	22.50	
10	1	LOW	Q16	22.17	22.06	21.87	22.50
		MID	Q16	22.47	22.46	22.20	22.50
		HIGH	Q16	22.11	22.21	21.93	22.50
	25	LOW	Q16	20.73	20.85	20.81	21.50
		MID	Q16	20.81	21.06	20.95	21.50
		HIGH	Q16	20.92	20.99	21.07	21.50
50	LOW	Q16	20.82	20.88	20.87	21.50	
10	1	LOW	64QAM	21.07	21.03	21.23	21.50
		MID	64QAM	21.27	21.27	21.33	21.50
		HIGH	64QAM	21.33	21.27	21.05	21.50
	25	LOW	64QAM	19.84	19.80	19.96	20.50
		MID	64QAM	19.97	20.21	19.71	20.50
		HIGH	64QAM	20.02	20.07	19.98	20.50
	50	LOW	64QAM	19.76	19.88	19.89	20.50

LTE B7-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.62	22.58	22.48	23.50
		MID	QPSK	22.82	23.00	22.96	23.50
		HIGH	QPSK	22.51	22.67	22.63	23.50
	36	LOW	QPSK	21.90	22.01	21.94	22.50
		MID	QPSK	21.90	21.84	21.83	22.50
		HIGH	QPSK	21.92	21.80	21.75	22.50
	75	LOW	QPSK	21.76	21.90	22.02	22.50
15	1	LOW	Q16	22.11	22.02	21.91	22.50
		MID	Q16	22.44	22.44	22.21	22.50
		HIGH	Q16	22.16	22.02	22.05	22.50
	36	LOW	Q16	20.98	20.78	20.88	21.50
		MID	Q16	20.95	21.01	20.98	21.50
		HIGH	Q16	20.99	20.95	21.02	21.50
	75	LOW	Q16	20.83	21.04	20.88	21.50
15	1	LOW	64QAM	21.22	21.01	21.27	21.50
		MID	64QAM	21.32	21.46	21.40	21.50
		HIGH	64QAM	21.12	21.27	20.88	21.50
	36	LOW	64QAM	20.03	19.83	19.89	20.50
		MID	64QAM	20.10	19.94	19.69	20.50
		HIGH	64QAM	19.83	20.01	19.98	20.50
	75	LOW	64QAM	19.81	19.99	20.09	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.50	22.62	22.58	23.50
		MID	QPSK	22.97	23.04	23.03	23.50
		HIGH	QPSK	22.56	22.68	22.69	23.50
	50	LOW	QPSK	21.80	21.86	21.91	22.50
		MID	QPSK	21.92	21.93	21.94	22.50
		HIGH	QPSK	21.91	21.85	21.90	22.50
20	100	LOW	QPSK	21.88	21.86	21.89	22.50
	1	LOW	Q16	22.05	22.05	22.00	22.50
		MID	Q16	22.42	22.42	22.34	22.50
		HIGH	Q16	22.14	22.12	21.98	22.50
	50	LOW	Q16	20.84	20.85	20.91	21.50
		MID	Q16	20.92	20.94	20.98	21.50
		HIGH	Q16	20.94	20.93	20.95	21.50
20	100	LOW	Q16	20.94	20.91	20.94	21.50
	1	LOW	64QAM	21.13	21.12	21.12	21.50
		MID	64QAM	21.30	21.42	21.40	21.50
		HIGH	64QAM	21.18	21.24	20.99	21.50
	50	LOW	64QAM	19.93	19.70	19.88	20.50
		MID	64QAM	19.96	20.08	19.84	20.50
		HIGH	64QAM	19.93	20.05	19.89	20.50
20	100	LOW	64QAM	19.91	19.85	20.03	20.50

8.3.5 LTE Band12 Output Power

LTE B12-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.15	22.20	22.19	23.00
		MID	QPSK	22.33	22.36	22.37	23.00
		HIGH	QPSK	22.16	22.18	22.17	23.00
	3	LOW	QPSK	22.26	22.26	22.28	23.00
		MID	QPSK	22.30	22.32	22.31	23.00
		HIGH	QPSK	22.25	22.22	22.31	23.00
	6	LOW	QPSK	21.30	21.29	21.28	22.00
1.4	1	LOW	Q16	21.33	21.61	21.25	22.00
		MID	Q16	21.54	21.77	21.44	22.00
		HIGH	Q16	21.39	21.61	21.25	22.00
	3	LOW	Q16	21.40	21.49	21.47	22.00
		MID	Q16	21.42	21.50	21.56	22.00
		HIGH	Q16	21.34	21.51	21.52	22.00
	6	LOW	Q16	20.46	20.20	20.47	21.00
1.4	1	LOW	64QAM	20.32	20.56	20.40	21.00
		MID	64QAM	20.34	20.56	20.44	21.00
		HIGH	64QAM	20.27	20.44	20.25	21.00
	3	LOW	64QAM	20.12	20.52	20.41	21.00
		MID	64QAM	20.49	20.98	20.62	21.00
		HIGH	64QAM	20.24	20.57	20.24	21.00
	6	LOW	64QAM	19.48	19.13	19.49	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.00	22.13	22.06	23.00
		MID	QPSK	22.47	22.26	22.43	23.00
		HIGH	QPSK	22.15	22.34	22.34	23.00
	8	LOW	QPSK	21.18	21.33	21.48	22.00
		MID	QPSK	21.24	21.41	21.34	22.00
		HIGH	QPSK	21.37	21.21	21.43	22.00
15	LOW	QPSK	21.19	21.17	21.43	22.00	
3	1	LOW	Q16	21.10	21.64	21.20	22.00
		MID	Q16	21.31	21.79	21.52	22.00
		HIGH	Q16	21.30	21.80	21.36	22.00
	8	LOW	Q16	20.37	20.28	20.48	21.00
		MID	Q16	20.38	20.22	20.51	21.00
		HIGH	Q16	20.48	20.30	20.38	21.00
15	LOW	Q16	20.31	20.24	20.53	21.00	
3	1	LOW	64QAM	20.08	20.57	20.35	21.00
		MID	64QAM	20.33	20.79	20.59	21.00
		HIGH	64QAM	20.17	20.51	20.24	21.00
	8	LOW	64QAM	19.31	19.29	19.48	20.00
		MID	64QAM	19.40	19.25	19.41	20.00
		HIGH	64QAM	19.46	19.26	19.35	20.00
15	LOW	64QAM	19.43	19.22	19.32	20.00	

LTE B12-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.14	22.34	22.16	23.00
		MID	QPSK	22.33	22.54	22.46	23.00
		HIGH	QPSK	22.11	22.14	22.11	23.00
	12	LOW	QPSK	21.29	21.22	21.46	22.00
		MID	QPSK	21.37	21.19	21.43	22.00
		HIGH	QPSK	21.41	21.32	21.22	22.00
	25	LOW	QPSK	21.30	21.26	21.26	22.00
5	1	LOW	Q16	21.30	21.52	21.14	22.00
		MID	Q16	21.32	21.73	21.35	22.00
		HIGH	Q16	21.17	21.61	21.26	22.00
	12	LOW	Q16	20.27	20.21	20.48	21.00
		MID	Q16	20.42	20.35	20.26	21.00
		HIGH	Q16	20.48	20.23	20.29	21.00
	25	LOW	Q16	20.25	20.23	20.41	21.00
5	1	LOW	64QAM	20.20	20.59	20.46	21.00
		MID	64QAM	20.34	20.44	20.39	21.00
		HIGH	64QAM	20.20	20.64	20.10	21.00
	12	LOW	64QAM	19.55	19.26	19.47	20.00
		MID	64QAM	19.18	19.55	19.24	20.00
		HIGH	64QAM	19.38	19.31	19.41	20.00
	25	LOW	64QAM	19.40	19.18	19.50	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.14	22.21	22.17	23.00
		MID	QPSK	22.33	22.39	22.39	23.00
		HIGH	QPSK	22.17	22.25	22.22	23.00
	25	LOW	QPSK	21.27	21.28	21.36	22.00
		MID	QPSK	21.33	21.29	21.28	22.00
		HIGH	QPSK	21.40	21.19	21.29	22.00
50	LOW	QPSK	21.30	21.21	21.34	22.00	
10	1	LOW	Q16	21.18	21.60	21.24	22.00
		MID	Q16	21.37	21.79	21.38	22.00
		HIGH	Q16	21.20	21.67	21.32	22.00
	25	LOW	Q16	20.31	20.33	20.45	21.00
		MID	Q16	20.37	20.34	20.39	21.00
		HIGH	Q16	20.40	20.23	20.38	21.00
	50	LOW	Q16	20.33	20.25	20.38	21.00
10	1	LOW	64QAM	20.23	20.57	20.35	21.00
		MID	64QAM	20.42	20.89	20.50	21.00
		HIGH	64QAM	20.13	20.58	20.22	21.00
	25	LOW	64QAM	19.40	19.24	19.37	20.00
		MID	64QAM	19.30	19.40	19.37	20.00
		HIGH	64QAM	19.45	19.17	19.38	20.00
	50	LOW	64QAM	19.41	19.14	19.47	20.00

8.3.6 LTE Band17 Output Power

LTE B17-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	21.99	21.93	22.25	23.00
		MID	QPSK	22.31	22.19	22.21	23.00
		HIGH	QPSK	22.30	22.07	22.14	23.00
	12	LOW	QPSK	21.10	21.26	21.23	22.00
		MID	QPSK	21.30	21.38	21.45	22.00
		HIGH	QPSK	21.17	21.16	21.24	22.00
	25	LOW	QPSK	21.27	21.17	21.27	22.00
5	1	LOW	Q16	21.35	21.15	21.44	22.00
		MID	Q16	21.48	21.20	21.73	22.00
		HIGH	Q16	21.17	21.11	21.70	22.00
	12	LOW	Q16	20.19	20.31	20.53	21.00
		MID	Q16	20.28	20.43	20.39	21.00
		HIGH	Q16	20.37	20.33	20.24	21.00
	25	LOW	Q16	20.34	20.16	20.39	21.00
5	1	LOW	64QAM	20.40	20.20	20.30	21.00
		MID	64QAM	20.31	20.38	20.83	21.00
		HIGH	64QAM	20.42	20.16	20.38	21.00
	12	LOW	64QAM	19.36	19.22	19.38	20.00
		MID	64QAM	19.29	19.25	19.56	20.00
		HIGH	64QAM	19.29	19.25	19.47	20.00
	25	LOW	64QAM	19.36	19.30	19.36	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	22.14	22.08	22.10	23.00
		MID	QPSK	22.38	22.34	22.34	23.00
		HIGH	QPSK	22.19	22.15	22.16	23.00
	25	LOW	QPSK	21.24	21.28	21.35	22.00
		MID	QPSK	21.29	21.30	21.31	22.00
		HIGH	QPSK	21.20	21.17	21.25	22.00
10	50	LOW	QPSK	21.21	21.25	21.30	22.00
	1	LOW	Q16	21.23	21.07	21.52	22.00
		MID	Q16	21.39	21.33	21.74	22.00
		HIGH	Q16	21.27	21.13	21.61	22.00
	25	LOW	Q16	20.32	20.31	20.40	21.00
		MID	Q16	20.36	20.31	20.32	21.00
		HIGH	Q16	20.28	20.23	20.32	21.00
	50	LOW	Q16	20.24	20.25	20.34	21.00
10	1	LOW	64QAM	20.27	20.07	20.37	21.00
		MID	64QAM	20.40	20.28	20.87	21.00
		HIGH	64QAM	20.42	20.18	20.50	21.00
	25	LOW	64QAM	19.40	19.25	19.45	20.00
		MID	64QAM	19.31	19.34	19.45	20.00
		HIGH	64QAM	19.42	19.26	19.42	20.00
	50	LOW	64QAM	19.32	19.20	19.36	20.00

8.3.7 LTE Band20 Output Power

LTE B25-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26065	26365	26665	Tune-up power(dBm)
5	1	LOW	QPSK	22.12	22.31	22.33	23.50
		MID	QPSK	22.74	22.88	22.79	23.50
		HIGH	QPSK	22.46	22.57	22.48	23.50
	12	LOW	QPSK	21.48	21.62	21.64	22.50
		MID	QPSK	21.51	21.68	21.67	22.50
		HIGH	QPSK	21.55	21.61	21.46	22.50
	25	LOW	QPSK	21.54	21.72	21.53	22.50
5	1	LOW	Q16	21.65	21.60	21.59	22.50
		MID	Q16	22.13	22.18	22.02	22.50
		HIGH	Q16	21.87	21.75	21.49	22.50
	12	LOW	Q16	20.52	20.76	20.71	21.50
		MID	Q16	20.50	20.74	20.69	21.50
		HIGH	Q16	20.56	20.69	20.39	21.50
	25	LOW	Q16	20.57	20.69	20.55	21.50
5	1	LOW	64QAM	20.64	20.59	20.81	21.50
		MID	64QAM	21.30	21.36	21.37	21.50
		HIGH	64QAM	20.56	20.68	20.66	21.50
	12	LOW	64QAM	19.73	19.70	19.50	20.50
		MID	64QAM	19.63	19.57	19.50	20.50
		HIGH	64QAM	19.35	19.39	19.46	20.50
	25	LOW	64QAM	19.79	19.46	19.60	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26090	26365	26640	Tune-up power(dBm)
10	1	LOW	QPSK	22.36	22.45	22.28	23.50
		MID	QPSK	22.62	22.78	22.80	23.50
		HIGH	QPSK	22.25	22.35	22.25	23.50
	25	LOW	QPSK	21.51	21.49	21.49	22.50
		MID	QPSK	21.41	21.46	21.47	22.50
		HIGH	QPSK	21.52	21.64	21.33	22.50
10	50	LOW	QPSK	21.57	21.49	21.47	22.50
10	1	LOW	Q16	21.60	21.76	21.66	22.50
		MID	Q16	22.33	22.07	22.26	22.50
		HIGH	Q16	21.65	21.64	21.55	22.50
	25	LOW	Q16	20.61	20.59	20.65	21.50
		MID	Q16	20.53	20.47	20.66	21.50
		HIGH	Q16	20.70	20.57	20.30	21.50
	50	LOW	Q16	20.47	20.61	20.43	21.50
10	1	LOW	64QAM	20.59	20.55	20.81	21.50
		MID	64QAM	21.14	21.22	21.40	21.50
		HIGH	64QAM	20.70	20.66	20.76	21.50
	25	LOW	64QAM	19.64	19.82	19.49	20.50
		MID	64QAM	19.77	19.61	19.34	20.50
		HIGH	64QAM	19.51	19.62	19.27	20.50
	50	LOW	64QAM	19.57	19.55	19.61	20.50

LTE B25-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26115	26365	26615	Tune-up power(dBm)
15	1	LOW	QPSK	22.35	22.27	22.20	23.50
		MID	QPSK	22.54	22.70	22.86	23.50
		HIGH	QPSK	22.30	22.43	22.25	23.50
	36	LOW	QPSK	21.72	21.52	21.73	22.50
		MID	QPSK	21.46	21.48	21.77	22.50
		HIGH	QPSK	21.47	21.48	21.39	22.50
	75	LOW	QPSK	21.66	21.64	21.46	22.50
15	1	LOW	Q16	21.60	21.68	21.72	22.50
		MID	Q16	22.25	22.15	22.01	22.50
		HIGH	Q16	21.62	21.64	21.46	22.50
	36	LOW	Q16	20.56	20.55	20.60	21.50
		MID	Q16	20.44	20.58	20.71	21.50
		HIGH	Q16	20.63	20.51	20.48	21.50
	75	LOW	Q16	20.48	20.45	20.70	21.50
15	1	LOW	64QAM	20.61	20.58	20.70	21.50
		MID	64QAM	21.20	21.17	21.31	21.50
		HIGH	64QAM	20.67	20.76	20.64	21.50
	36	LOW	64QAM	19.77	19.83	19.64	20.50
		MID	64QAM	19.75	19.33	19.58	20.50
		HIGH	64QAM	19.43	19.35	19.32	20.50
	75	LOW	64QAM	19.70	19.53	19.65	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26140	26365	26590	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.33	22.34	23.50
		MID	QPSK	22.68	22.78	22.74	23.50
		HIGH	QPSK	22.31	22.43	22.35	23.50
	50	LOW	QPSK	21.57	21.62	21.60	22.50
		MID	QPSK	21.55	21.61	21.62	22.50
		HIGH	QPSK	21.57	21.61	21.47	22.50
	100	LOW	QPSK	21.56	21.58	21.58	22.50
20	1	LOW	Q16	21.68	21.71	21.67	22.50
		MID	Q16	22.20	22.16	22.12	22.50
		HIGH	Q16	21.77	21.76	21.61	22.50
	50	LOW	Q16	20.59	20.61	20.58	21.50
		MID	Q16	20.57	20.60	20.56	21.50
		HIGH	Q16	20.58	20.58	20.43	21.50
	100	LOW	Q16	20.60	20.59	20.57	21.50
20	1	LOW	64QAM	20.71	20.70	20.74	21.50
		MID	64QAM	21.28	21.23	21.25	21.50
		HIGH	64QAM	20.65	20.76	20.74	21.50
	50	LOW	64QAM	19.70	19.74	19.58	20.50
		MID	64QAM	19.69	19.46	19.43	20.50
		HIGH	64QAM	19.50	19.47	19.40	20.50
	100	LOW	64QAM	19.71	19.45	19.50	20.50

8.3.8 LTE Band26 Output Power

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LTE B26-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.24	22.47	22.24	23.50
		MID	QPSK	22.33	22.38	22.50	23.50
		HIGH	QPSK	22.48	22.29	22.52	23.50
	3	LOW	QPSK	22.20	22.55	22.39	23.50
		MID	QPSK	22.44	22.53	22.46	23.50
		HIGH	QPSK	22.27	22.42	22.50	23.50
1.4	1	LOW	Q16	21.36	21.90	21.75	22.50
		MID	Q16	21.36	21.76	22.00	22.50
		HIGH	Q16	21.35	21.79	21.63	22.50
	3	LOW	Q16	21.43	21.75	21.86	22.50
		MID	Q16	21.32	21.89	21.74	22.50
		HIGH	Q16	21.32	21.73	21.80	22.50
1.4	1	LOW	Q16	20.45	20.63	20.39	21.50
	3	LOW	64QAM	20.18	20.54	20.85	21.50
		MID	64QAM	20.41	21.03	20.91	21.50
		HIGH	64QAM	20.49	20.66	20.64	21.50
	3	LOW	64QAM	20.31	20.72	20.87	21.50
		MID	64QAM	20.54	20.83	20.96	21.50
1.4	1	LOW	64QAM	20.41	20.84	20.84	21.50
		MID	64QAM	20.41	20.84	20.84	21.50
		HIGH	64QAM	20.41	20.84	20.84	21.50
	3	LOW	64QAM	19.68	19.43	19.44	20.50
		MID	64QAM	19.68	19.43	19.44	20.50
		HIGH	64QAM	19.68	19.43	19.44	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	22.23	22.31	22.39	23.50
		MID	QPSK	22.31	22.57	22.64	23.50
		HIGH	QPSK	22.44	22.27	22.33	23.50
	8	LOW	QPSK	21.43	21.41	21.56	22.50
		MID	QPSK	21.53	21.43	21.67	22.50
		HIGH	QPSK	21.59	21.44	21.50	22.50
3	1	LOW	QPSK	21.43	21.44	21.51	22.50
		MID	Q16	21.39	21.90	21.97	22.50
		HIGH	Q16	21.38	21.99	21.91	22.50
	8	LOW	Q16	21.19	21.81	21.78	22.50
		MID	Q16	20.55	20.66	20.53	21.50
		HIGH	Q16	20.63	20.55	20.52	21.50
3	1	LOW	Q16	20.56	20.73	20.53	21.50
		MID	Q16	20.61	20.71	20.51	21.50
		HIGH	Q16	20.61	20.71	20.51	21.50
	8	LOW	64QAM	20.14	20.57	20.82	21.50
		MID	64QAM	20.35	20.97	20.91	21.50
		HIGH	64QAM	20.28	20.72	20.84	21.50
3	1	LOW	64QAM	19.33	19.53	19.49	20.50
		MID	64QAM	19.50	19.43	19.41	20.50
		HIGH	64QAM	19.51	19.54	19.35	20.50
	8	LOW	64QAM	19.51	19.54	19.35	20.50
		MID	64QAM	19.51	19.54	19.35	20.50
		HIGH	64QAM	19.51	19.54	19.35	20.50
3	1	LOW	64QAM	19.60	19.38	19.23	20.50
		MID	64QAM	19.60	19.38	19.23	20.50
		HIGH	64QAM	19.60	19.38	19.23	20.50
	8	LOW	64QAM	19.60	19.38	19.23	20.50
		MID	64QAM	19.60	19.38	19.23	20.50
		HIGH	64QAM	19.60	19.38	19.23	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	22.39	22.54	22.44	23.50
		MID	QPSK	22.32	22.51	22.63	23.50
		HIGH	QPSK	22.26	22.37	22.36	23.50
	12	LOW	QPSK	21.29	21.54	21.68	22.50
		MID	QPSK	21.62	21.63	21.50	22.50
		HIGH	QPSK	21.59	21.71	21.60	22.50
5	1	LOW	QPSK	21.53	21.66	21.62	22.50
		MID	QPSK	21.53	21.66	21.62	22.50
		HIGH	QPSK	21.53	21.66	21.62	22.50
	12	LOW	Q16	21.44	21.65	21.87	22.50
		MID	Q16	21.25	21.83	21.82	22.50
		HIGH	Q16	21.14	21.86	21.68	22.50
5	1	LOW	Q16	20.58	20.63	20.40	21.50
		MID	Q16	20.41	20.65	20.70	21.50
		HIGH	Q16	20.67	20.69	20.40	21.50
	12	LOW	Q16	20.47	20.65	20.35	21.50
		MID	Q16	20.47	20.65	20.35	21.50
		HIGH	Q16	20.47	20.65	20.35	21.50
5	1	LOW	64QAM	20.27	20.56	20.68	21.50
		MID	64QAM	20.49	20.86	20.83	21.50
		HIGH	64QAM	20.39	20.64	20.84	21.50
	12	LOW	64QAM	19.52	19.57	19.46	20.50
		MID	64QAM	19.63	19.56	19.42	20.50
		HIGH	64QAM	19.49	19.32	19.43	20.50
5	1	LOW	64QAM	19.81	19.38	19.24	20.50
		MID	64QAM	19.81	19.38	19.24	20.50
		HIGH	64QAM	19.81	19.38	19.24	20.50
	12	LOW	64QAM	19.81	19.38	19.24	20.50
		MID	64QAM	19.81	19.38	19.24	20.50
		HIGH	64QAM	19.81	19.38	19.24	20.50

LTE B26-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	22.32	22.48	22.29	23.50
		MID	QPSK	22.38	22.36	22.46	23.50
		HIGH	QPSK	22.44	22.54	22.43	23.50
	25	LOW	QPSK	21.55	21.58	21.59	22.50
		MID	QPSK	21.39	21.64	21.68	22.50
		HIGH	QPSK	21.68	21.70	21.66	22.50
	50	LOW	QPSK	21.57	21.66	21.55	22.50
10	1	LOW	Q16	21.17	21.73	21.87	22.50
		MID	Q16	21.32	21.80	22.02	22.50
		HIGH	Q16	21.11	21.90	21.93	22.50
	25	LOW	Q16	20.65	20.46	20.59	21.50
		MID	Q16	20.56	20.60	20.61	21.50
		HIGH	Q16	20.51	20.47	20.36	21.50
	50	LOW	Q16	20.51	20.53	20.61	21.50
10	1	LOW	64QAM	20.27	20.62	20.82	21.50
		MID	64QAM	20.41	20.92	20.87	21.50
		HIGH	64QAM	20.21	20.72	20.89	21.50
	25	LOW	64QAM	19.54	19.58	19.59	20.50
		MID	64QAM	19.43	19.35	19.48	20.50
		HIGH	64QAM	19.28	19.47	19.48	20.50
	50	LOW	64QAM	19.79	19.63	19.24	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	22.32	22.41	22.39	23.50
		MID	QPSK	22.42	22.49	22.52	23.50
		HIGH	QPSK	22.33	22.42	22.47	23.50
	36	LOW	QPSK	21.43	21.54	21.53	22.50
		MID	QPSK	21.51	21.54	21.58	22.50
		HIGH	QPSK	21.56	21.56	21.53	22.50
	75	LOW	QPSK	21.48	21.53	21.55	22.50
15	1	LOW	Q16	21.29	21.78	21.88	22.50
		MID	Q16	21.39	21.86	21.87	22.50
		HIGH	Q16	21.26	21.79	21.78	22.50
	36	LOW	Q16	20.50	20.55	20.51	21.50
		MID	Q16	20.55	20.59	20.57	21.50
		HIGH	Q16	20.57	20.60	20.48	21.50
	75	LOW	Q16	20.54	20.61	20.50	21.50
15	1	LOW	64QAM	20.29	20.68	20.81	21.50
		MID	64QAM	20.48	20.98	20.95	21.50
		HIGH	64QAM	20.35	20.71	20.77	21.50
	36	LOW	64QAM	19.46	19.51	19.61	20.50
		MID	64QAM	19.56	19.44	19.45	20.50
		HIGH	64QAM	19.42	19.46	19.33	20.50
	75	LOW	64QAM	19.66	19.49	19.35	20.50

8.3.9 LTE Band28 Output Power

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LTE B28-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	21.99	22.20	22.12	23.00
		MID	QPSK	22.48	22.42	22.44	23.00
		HIGH	QPSK	22.25	22.36	22.42	23.00
	8	LOW	QPSK	21.34	21.46	21.34	22.00
		MID	QPSK	21.31	21.40	21.32	22.00
		HIGH	QPSK	21.39	21.44	21.27	22.00
	15	LOW	QPSK	21.30	21.39	21.28	22.00
	3	LOW	Q16	21.17	21.65	21.38	22.00
		MID	Q16	21.43	21.78	21.39	22.00
		HIGH	Q16	21.29	21.65	21.26	22.00
		LOW	Q16	20.09	20.32	20.48	21.00
		MID	Q16	20.20	20.28	20.46	21.00
		HIGH	Q16	20.48	20.45	20.24	21.00
3	15	LOW	Q16	20.27	20.32	20.26	21.00
	1	LOW	64QAM	20.22	20.47	20.40	21.00
		MID	64QAM	20.10	20.73	20.30	21.00
		HIGH	64QAM	20.01	20.52	20.37	21.00
	8	LOW	64QAM	19.06	19.27	19.36	20.00
		MID	64QAM	19.50	19.14	19.29	20.00
		HIGH	64QAM	19.33	19.31	19.34	20.00
	15	LOW	64QAM	19.13	19.12	19.60	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	22.08	22.21	22.33	23.00
		MID	QPSK	22.43	22.33	22.54	23.00
		HIGH	QPSK	22.33	22.27	22.33	23.00
	12	LOW	QPSK	21.26	21.21	21.41	22.00
		MID	QPSK	21.13	21.32	21.32	22.00
		HIGH	QPSK	21.24	21.37	21.19	22.00
5	25	LOW	QPSK	21.14	21.30	21.19	22.00
	1	LOW	Q16	20.94	21.54	21.16	22.00
		MID	Q16	21.44	21.69	21.49	22.00
		HIGH	Q16	21.22	21.56	21.21	22.00
	12	LOW	Q16	20.30	20.38	20.45	21.00
		MID	Q16	20.17	20.40	20.45	21.00
		HIGH	Q16	20.49	20.20	20.21	21.00
	25	LOW	Q16	20.14	20.30	20.42	21.00
5	1	LOW	64QAM	20.10	20.36	20.46	21.00
		MID	64QAM	20.06	20.75	20.32	21.00
		HIGH	64QAM	20.04	20.43	20.24	21.00
	12	LOW	64QAM	19.32	19.30	19.19	20.00
		MID	64QAM	19.36	19.30	19.47	20.00
		HIGH	64QAM	19.48	19.41	19.20	20.00
	25	LOW	64QAM	19.10	19.11	19.33	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	22.14	22.36	22.18	23.00
		MID	QPSK	22.35	22.28	22.47	23.00
		HIGH	QPSK	22.27	22.11	22.26	23.00
	25	LOW	QPSK	21.12	21.43	21.41	22.00
		MID	QPSK	21.23	21.16	21.47	22.00
		HIGH	QPSK	21.28	21.43	21.18	22.00
10	50	LOW	QPSK	21.25	21.37	21.42	22.00
	1	LOW	Q16	21.05	21.37	21.35	22.00
		MID	Q16	21.33	21.88	21.31	22.00
		HIGH	Q16	21.15	21.78	21.38	22.00
	25	LOW	Q16	20.39	20.23	20.37	21.00
		MID	Q16	20.45	20.42	20.57	21.00
		HIGH	Q16	20.38	20.49	20.29	21.00
	50	LOW	Q16	20.35	20.25	20.40	21.00
10	1	LOW	64QAM	20.28	20.34	20.43	21.00
		MID	64QAM	20.26	20.70	20.41	21.00
		HIGH	64QAM	19.91	20.68	20.35	21.00
	25	LOW	64QAM	19.17	19.42	19.20	20.00
		MID	64QAM	19.37	19.42	19.29	20.00
		HIGH	64QAM	19.35	19.40	19.41	20.00
	50	LOW	64QAM	19.14	19.34	19.36	20.00

LTE B28-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	22.25	22.22	22.10	23.00
		MID	QPSK	22.48	22.44	22.48	23.00
		HIGH	QPSK	22.21	22.09	22.42	23.00
	36	LOW	QPSK	21.09	21.37	21.30	22.00
		MID	QPSK	21.21	21.15	21.39	22.00
		HIGH	QPSK	21.17	21.19	21.42	22.00
	75	LOW	QPSK	21.14	21.27	21.28	22.00
15	1	LOW	Q16	21.21	21.52	21.34	22.00
		MID	Q16	21.39	21.63	21.59	22.00
		HIGH	Q16	21.25	21.64	21.26	22.00
	36	LOW	Q16	20.30	20.26	20.33	21.00
		MID	Q16	20.41	20.30	20.32	21.00
		HIGH	Q16	20.26	20.34	20.20	21.00
	75	LOW	Q16	20.40	20.23	20.38	21.00
15	1	LOW	64QAM	20.03	20.30	20.48	21.00
		MID	64QAM	20.22	20.92	20.43	21.00
		HIGH	64QAM	20.20	20.64	20.49	21.00
	36	LOW	64QAM	19.15	19.37	19.43	20.00
		MID	64QAM	19.51	19.34	19.39	20.00
		HIGH	64QAM	19.49	19.15	19.45	20.00
	75	LOW	64QAM	19.28	19.25	19.35	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	22.11	22.22	22.20	23.00
		MID	QPSK	22.39	22.36	22.45	23.00
		HIGH	QPSK	22.23	22.21	22.30	23.00
	36	LOW	QPSK	21.23	21.31	21.35	22.00
		MID	QPSK	21.27	21.30	21.34	22.00
		HIGH	QPSK	21.29	21.30	21.30	22.00
	75	LOW	QPSK	21.28	21.31	21.32	22.00
20	1	LOW	Q16	21.08	21.52	21.27	22.00
		MID	Q16	21.30	21.74	21.44	22.00
		HIGH	Q16	21.15	21.63	21.29	22.00
	36	LOW	Q16	20.24	20.33	20.45	21.00
		MID	Q16	20.31	20.31	20.44	21.00
		HIGH	Q16	20.35	20.34	20.35	21.00
	75	LOW	Q16	20.26	20.30	20.38	21.00
20	1	LOW	64QAM	20.16	20.39	20.39	21.00
		MID	64QAM	20.19	20.77	20.31	21.00
		HIGH	64QAM	20.06	20.53	20.39	21.00
	36	LOW	64QAM	19.19	19.27	19.30	20.00
		MID	64QAM	19.43	19.27	19.35	20.00
		HIGH	64QAM	19.38	19.30	19.31	20.00
	75	LOW	64QAM	19.24	19.26	19.47	20.00

8.3.10 LTE Band66 Output Power

LTE B66-Full Power								
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	0	QPSK	22.65	22.75	22.67	23.50
		MID	12	QPSK	22.82	22.94	22.92	23.50
		HIGH	24	QPSK	22.59	22.72	22.71	23.50
	3	LOW	0	QPSK	22.71	22.80	22.78	23.50
		MID	7	QPSK	22.76	22.83	22.83	23.50
		HIGH	13	QPSK	22.70	22.82	22.81	23.50
	6	LOW	0	QPSK	21.80	21.78	21.72	22.50
1.4	1	LOW	0	Q16	21.71	22.13	21.75	22.50
		MID	12	Q16	21.90	22.21	21.88	22.50
		HIGH	24	Q16	21.71	22.10	21.73	22.50
	3	LOW	0	Q16	21.71	22.00	21.91	22.50
		MID	7	Q16	21.73	21.94	21.97	22.50
		HIGH	13	Q16	21.71	21.97	21.93	22.50
	6	LOW	0	Q16	20.83	20.66	20.90	21.50
1.4	1	LOW	0	64QAM	20.87	20.89	20.89	21.50
		MID	12	64QAM	21.15	21.35	21.39	21.50
		HIGH	24	64QAM	20.93	21.03	21.13	21.50
	3	LOW	0	64QAM	20.84	20.91	20.94	21.50
		MID	7	64QAM	21.25	21.44	21.36	21.50
		HIGH	13	64QAM	20.89	21.12	21.19	21.50
	6	LOW	0	64QAM	19.85	19.79	19.65	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	0	QPSK	22.50	22.42	22.43	23.50
		MID	25	QPSK	22.80	22.89	22.81	23.50
		HIGH	49	QPSK	22.35	22.62	22.57	23.50
	8	LOW	0	QPSK	21.69	21.96	21.90	22.50
		MID	12	QPSK	21.77	21.80	21.81	22.50
		HIGH	25	QPSK	21.82	21.65	21.95	22.50
	15	LOW	0	QPSK	21.53	21.79	21.75	22.50
3	1	LOW	0	Q16	21.73	21.87	21.75	22.50
		MID	25	Q16	22.35	22.41	22.48	22.50
		HIGH	49	Q16	21.95	22.12	22.00	22.50
	8	LOW	0	Q16	20.64	20.98	20.86	21.50
		MID	12	Q16	20.67	20.84	20.89	21.50
		HIGH	25	Q16	20.63	20.81	20.83	21.50
	15	LOW	0	Q16	20.60	20.85	20.80	21.50
3	1	LOW	0	64QAM	20.75	21.02	20.83	21.50
		MID	25	64QAM	21.27	21.36	21.27	21.50
		HIGH	49	64QAM	20.65	20.98	21.16	21.50
	8	LOW	0	64QAM	19.69	19.65	19.53	20.50
		MID	12	64QAM	19.42	19.78	19.96	20.50
		HIGH	25	64QAM	19.58	19.87	19.82	20.50
	15	LOW	0	64QAM	19.81	19.71	19.87	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	0	QPSK	22.25	22.36	22.39	23.50
		MID	37	QPSK	22.91	22.95	23.01	23.50
		HIGH	74	QPSK	22.41	22.44	22.37	23.50
	12	LOW	0	QPSK	21.65	22.01	21.77	22.50
		MID	20	QPSK	21.74	21.70	21.78	22.50
		HIGH	39	QPSK	21.75	21.80	21.99	22.50
	25	LOW	0	QPSK	21.63	21.83	21.97	22.50
5	1	LOW	0	Q16	21.87	22.04	21.91	22.50
		MID	37	Q16	22.37	22.30	22.32	22.50
		HIGH	74	Q16	21.91	21.95	21.86	22.50
	12	LOW	0	Q16	20.67	20.79	20.83	21.50
		MID	20	Q16	20.59	20.96	20.98	21.50
		HIGH	39	Q16	20.71	20.85	20.96	21.50
	25	LOW	0	Q16	20.78	20.77	20.91	21.50
5	1	LOW	0	64QAM	20.70	21.08	20.92	21.50
		MID	37	64QAM	21.32	21.15	21.38	21.50
		HIGH	74	64QAM	20.90	20.99	21.15	21.50
	12	LOW	0	64QAM	19.66	19.65	19.79	20.50
		MID	20	64QAM	19.68	19.71	20.10	20.50
		HIGH	39	64QAM	19.78	19.84	19.76	20.50
	25	LOW	0	64QAM	19.76	19.72	19.66	20.50

LTE B66-Full Power								
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	0	QPSK	22.32	22.62	22.48	23.50
		MID	49	QPSK	22.78	22.96	22.96	23.50
		HIGH	99	QPSK	22.57	22.57	22.58	23.50
	25	LOW	0	QPSK	21.59	21.97	21.79	22.50
		MID	24	QPSK	21.70	21.83	21.85	22.50
		HIGH	50	QPSK	21.72	21.75	21.80	22.50
	50	LOW	0	QPSK	21.78	21.74	21.94	22.50
10	1	LOW	0	Q16	21.73	21.91	21.78	22.50
		MID	49	Q16	22.43	22.39	22.48	22.50
		HIGH	99	Q16	21.96	22.13	21.95	22.50
	25	LOW	0	Q16	20.69	20.84	20.80	21.50
		MID	24	Q16	20.64	20.77	20.88	21.50
		HIGH	50	Q16	20.66	20.69	20.77	21.50
	50	LOW	0	Q16	20.74	20.81	20.99	21.50
10	1	LOW	0	64QAM	20.85	21.05	20.85	21.50
		MID	49	64QAM	21.16	21.42	21.20	21.50
		HIGH	99	64QAM	20.80	21.28	21.02	21.50
	25	LOW	0	64QAM	19.86	19.79	19.65	20.50
		MID	24	64QAM	19.55	19.81	19.87	20.50
		HIGH	50	64QAM	19.53	19.84	19.93	20.50
	50	LOW	0	64QAM	19.80	19.68	19.88	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	0	QPSK	22.40	22.63	22.28	23.50
		MID	37	QPSK	22.79	23.03	22.98	23.50
		HIGH	74	QPSK	22.40	22.54	22.32	23.50
	36	LOW	0	QPSK	21.60	21.80	21.86	22.50
		MID	20	QPSK	21.72	21.89	21.91	22.50
		HIGH	39	QPSK	21.61	21.86	21.87	22.50
	75	LOW	0	QPSK	21.68	21.71	21.80	22.50
15	1	LOW	0	Q16	21.82	21.88	21.90	22.50
		MID	37	Q16	22.36	22.40	22.48	22.50
		HIGH	74	Q16	21.93	22.12	21.89	22.50
	36	LOW	0	Q16	20.53	21.01	20.70	21.50
		MID	20	Q16	20.77	20.71	20.93	21.50
		HIGH	39	Q16	20.78	20.82	20.71	21.50
	75	LOW	0	Q16	20.69	20.66	20.84	21.50
15	1	LOW	0	64QAM	20.93	20.85	20.73	21.50
		MID	37	64QAM	21.22	21.19	21.21	21.50
		HIGH	74	64QAM	20.67	21.03	20.95	21.50
	36	LOW	0	64QAM	19.84	19.62	19.74	20.50
		MID	20	64QAM	19.53	19.59	19.89	20.50
		HIGH	39	64QAM	19.54	19.79	19.66	20.50
	75	LOW	0	64QAM	19.92	19.73	19.65	20.50
Bandwidth (MHz)	RB Size	RB offset	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	0	QPSK	22.38	22.51	22.38	23.50
		MID	49	QPSK	22.78	23.01	22.92	23.50
		HIGH	99	QPSK	22.42	22.59	22.47	23.50
	50	LOW	0	QPSK	21.59	21.87	21.84	22.50
		MID	24	QPSK	21.67	21.82	21.83	22.50
		HIGH	50	QPSK	21.68	21.76	21.86	22.50
	100	LOW	0	QPSK	21.63	21.79	21.85	22.50
20	1	LOW	0	Q16	21.88	21.99	21.83	22.50
		MID	49	Q16	22.43	22.41	22.38	22.50
		HIGH	99	Q16	21.94	21.99	21.92	22.50
	50	LOW	0	Q16	20.61	20.86	20.75	21.50
		MID	24	Q16	20.68	20.85	20.85	21.50
		HIGH	50	Q16	20.71	20.78	20.83	21.50
	100	LOW	0	Q16	20.66	20.81	20.87	21.50
20	1	LOW	0	64QAM	20.82	20.93	20.79	21.50
		MID	49	64QAM	21.29	21.30	21.25	21.50
		HIGH	99	64QAM	20.79	21.13	21.04	21.50
	50	LOW	0	64QAM	19.76	19.75	19.67	20.50
		MID	24	64QAM	19.56	19.71	19.95	20.50
		HIGH	50	64QAM	19.66	19.83	19.79	20.50
	100	LOW	0	64QAM	19.77	19.76	19.77	20.50

8.3.11 LTE Band38 Output Power

LTE B38-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.99	23.22	23.20	24.00
		MID	QPSK	23.65	23.43	23.67	24.00
		HIGH	QPSK	23.08	23.02	23.26	24.00
	12	LOW	QPSK	22.47	22.33	22.37	23.00
		MID	QPSK	22.26	22.42	22.29	23.00
		HIGH	QPSK	22.33	22.29	22.37	23.00
	25	LOW	QPSK	22.38	22.46	22.22	23.00
5	1	LOW	Q16	22.28	22.30	22.66	23.00
		MID	Q16	22.81	22.62	22.94	23.00
		HIGH	Q16	22.64	22.28	22.44	23.00
	12	LOW	Q16	21.21	21.35	21.36	22.00
		MID	Q16	21.52	21.61	21.41	22.00
		HIGH	Q16	21.36	21.46	21.27	22.00
	25	LOW	Q16	21.38	21.38	21.29	22.00
5	1	LOW	64QAM	21.44	21.53	21.40	22.00
		MID	64QAM	21.91	21.69	21.82	22.00
		HIGH	64QAM	21.77	21.44	21.28	22.00
	12	LOW	64QAM	20.32	20.29	20.30	21.00
		MID	64QAM	20.32	20.48	20.49	21.00
		HIGH	64QAM	20.57	20.41	20.12	21.00
	25	LOW	64QAM	20.48	20.42	20.24	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.16	23.01	23.22	24.00
		MID	QPSK	23.75	23.44	23.64	24.00
		HIGH	QPSK	23.08	23.07	23.24	24.00
	25	LOW	QPSK	22.34	22.36	22.31	23.00
		MID	QPSK	22.45	22.52	22.46	23.00
		HIGH	QPSK	22.53	22.43	22.41	23.00
	50	LOW	QPSK	22.50	22.29	22.36	23.00
10	1	LOW	Q16	22.37	22.20	22.39	23.00
		MID	Q16	22.72	22.90	22.93	23.00
		HIGH	Q16	22.34	22.26	22.58	23.00
	25	LOW	Q16	21.34	21.45	21.39	22.00
		MID	Q16	21.37	21.59	21.34	22.00
		HIGH	Q16	21.52	21.50	21.30	22.00
	50	LOW	Q16	21.42	21.43	21.48	22.00
10	1	LOW	64QAM	21.17	21.36	21.59	22.00
		MID	64QAM	21.88	21.96	22.00	22.00
		HIGH	64QAM	21.73	21.35	21.54	22.00
	25	LOW	64QAM	20.29	20.33	20.45	21.00
		MID	64QAM	20.31	20.66	20.55	21.00
		HIGH	64QAM	20.53	20.47	20.24	21.00
	50	LOW	64QAM	20.31	20.59	20.27	21.00

LTE B38-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.25	23.27	23.31	24.00
		MID	QPSK	23.70	23.60	23.67	24.00
		HIGH	QPSK	23.19	22.96	23.00	24.00
	36	LOW	QPSK	22.21	22.35	22.17	23.00
		MID	QPSK	22.43	22.47	22.25	23.00
		HIGH	QPSK	22.52	22.53	22.28	23.00
	75	LOW	QPSK	22.39	22.51	22.13	23.00
15	1	LOW	Q16	22.40	22.35	22.37	23.00
		MID	Q16	22.73	22.63	22.77	23.00
		HIGH	Q16	22.58	22.13	22.57	23.00
	36	LOW	Q16	21.20	21.44	21.48	22.00
		MID	Q16	21.28	21.40	21.39	22.00
		HIGH	Q16	21.30	21.32	21.48	22.00
	75	LOW	Q16	21.51	21.34	21.23	22.00
15	1	LOW	64QAM	21.28	21.50	21.66	22.00
		MID	64QAM	21.91	21.92	21.94	22.00
		HIGH	64QAM	21.74	21.44	21.39	22.00
	36	LOW	64QAM	20.25	20.15	20.23	21.00
		MID	64QAM	20.30	20.65	20.43	21.00
		HIGH	64QAM	20.50	20.26	20.08	21.00
	75	LOW	64QAM	20.43	20.57	20.34	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.14	23.14	23.21	24.00
		MID	QPSK	23.61	23.58	23.63	24.00
		HIGH	QPSK	23.11	23.10	23.13	24.00
	50	LOW	QPSK	22.32	22.38	22.31	23.00
		MID	QPSK	22.39	22.45	22.36	23.00
		HIGH	QPSK	22.39	22.38	22.30	23.00
	100	LOW	QPSK	22.38	22.37	22.27	23.00
20	1	LOW	Q16	22.43	22.31	22.52	23.00
		MID	Q16	22.87	22.77	22.96	23.00
		HIGH	Q16	22.49	22.28	22.44	23.00
	50	LOW	Q16	21.35	21.42	21.37	22.00
		MID	Q16	21.43	21.49	21.42	22.00
		HIGH	Q16	21.41	21.43	21.37	22.00
	100	LOW	Q16	21.43	21.42	21.33	22.00
20	1	LOW	64QAM	21.29	21.44	21.51	22.00
		MID	64QAM	21.91	21.84	21.85	22.00
		HIGH	64QAM	21.63	21.37	21.41	22.00
	50	LOW	64QAM	20.27	20.28	20.30	21.00
		MID	64QAM	20.42	20.59	20.40	21.00
		HIGH	64QAM	20.46	20.32	20.22	21.00
	100	LOW	64QAM	20.39	20.46	20.30	21.00

8.3.12 LTE Band41 Output Power

LTE B41-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40765	41215	Tune-up power(dBm)
5	1	LOW	QPSK	22.94	22.82	22.71	24.00
		MID	QPSK	23.52	23.29	23.22	24.00
		HIGH	QPSK	22.95	22.87	22.57	24.00
	12	LOW	QPSK	22.02	22.22	21.78	23.00
		MID	QPSK	22.22	22.04	21.87	23.00
		HIGH	QPSK	22.31	22.15	21.87	23.00
	25	LOW	QPSK	22.02	22.23	22.02	23.00
5	1	LOW	Q16	22.22	22.16	21.82	23.00
		MID	Q16	22.60	22.57	22.35	23.00
		HIGH	Q16	22.29	22.13	21.80	23.00
	12	LOW	Q16	20.89	21.30	20.92	22.00
		MID	Q16	21.24	21.15	20.83	22.00
		HIGH	Q16	21.23	21.14	21.00	22.00
	25	LOW	Q16	21.10	21.24	21.03	22.00
5	1	LOW	64QAM	21.27	21.33	21.11	22.00
		MID	64QAM	21.60	21.60	21.24	22.00
		HIGH	64QAM	21.23	21.15	20.82	22.00
	12	LOW	64QAM	20.02	20.09	19.92	21.00
		MID	64QAM	20.04	20.26	19.99	21.00
		HIGH	64QAM	20.27	20.02	19.89	21.00
	25	LOW	64QAM	20.11	20.20	19.96	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40765	41190	Tune-up power(dBm)
10	1	LOW	QPSK	22.83	23.02	22.87	24.00
		MID	QPSK	23.28	23.35	23.13	24.00
		HIGH	QPSK	22.87	22.94	22.72	24.00
	25	LOW	QPSK	22.06	22.02	21.91	23.00
		MID	QPSK	22.13	22.18	21.92	23.00
		HIGH	QPSK	22.33	22.08	22.09	23.00
50	LOW	QPSK	22.18	22.08	22.03	23.00	
10	1	LOW	Q16	22.32	22.18	21.94	23.00
		MID	Q16	22.82	22.72	22.29	23.00
		HIGH	Q16	22.25	22.08	21.76	23.00
	25	LOW	Q16	20.91	21.04	20.96	22.00
		MID	Q16	21.25	21.12	21.11	22.00
		HIGH	Q16	21.31	21.22	21.15	22.00
	50	LOW	Q16	21.02	21.13	20.94	22.00
10	1	LOW	64QAM	21.13	21.25	21.03	22.00
		MID	64QAM	21.87	21.69	21.18	22.00
		HIGH	64QAM	21.36	21.11	20.63	22.00
	25	LOW	64QAM	19.89	20.23	20.07	21.00
		MID	64QAM	20.28	20.26	19.92	21.00
		HIGH	64QAM	20.00	19.90	19.73	21.00
	50	LOW	64QAM	19.95	20.28	20.09	21.00

LTE B41-Full Power							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40765	41165	Tune-up power(dBm)
15	1	LOW	QPSK	22.86	22.92	22.83	24.00
		MID	QPSK	23.34	23.33	23.22	24.00
		HIGH	QPSK	23.02	22.70	22.62	24.00
	36	LOW	QPSK	22.06	22.16	21.94	23.00
		MID	QPSK	22.11	22.14	21.88	23.00
		HIGH	QPSK	22.24	22.23	21.91	23.00
	75	LOW	QPSK	21.93	22.19	21.79	23.00
	15	LOW	Q16	22.36	22.38	22.00	23.00
		MID	Q16	22.71	22.54	22.40	23.00
		HIGH	Q16	22.44	22.11	21.62	23.00
15	1	LOW	Q16	21.02	21.28	21.03	22.00
		MID	Q16	21.15	21.21	21.06	22.00
		HIGH	Q16	21.35	21.11	21.11	22.00
	36	LOW	Q16	21.17	21.03	20.92	22.00
		LOW	64QAM	21.37	21.18	21.02	22.00
		MID	64QAM	21.83	21.62	21.11	22.00
		HIGH	64QAM	21.39	21.07	20.86	22.00
	75	LOW	64QAM	19.90	20.25	19.88	21.00
		MID	64QAM	20.23	20.14	20.01	21.00
		HIGH	64QAM	20.27	19.90	19.98	21.00
15	1	LOW	64QAM	20.04	20.01	19.93	21.00
	36	LOW	64QAM	20.04	20.01	19.93	21.00
		MID	64QAM	20.23	20.14	20.01	21.00
		HIGH	64QAM	20.27	19.90	19.98	21.00
	75	LOW	64QAM	20.04	20.01	19.93	21.00
		LOW	64QAM	20.04	20.01	19.93	21.00
		MID	64QAM	20.23	20.14	20.01	21.00
		HIGH	64QAM	20.27	19.90	19.98	21.00
	100	LOW	64QAM	20.04	20.01	19.93	21.00
20	1	LOW	QPSK	22.88	22.92	22.74	24.00
		MID	QPSK	23.39	23.39	23.14	24.00
		HIGH	QPSK	22.96	22.84	22.63	24.00
	50	LOW	QPSK	21.93	22.17	21.85	23.00
		MID	QPSK	22.07	22.13	21.90	23.00
		HIGH	QPSK	22.18	22.11	21.97	23.00
	100	LOW	QPSK	22.06	22.09	21.92	23.00
	20	LOW	Q16	22.26	22.24	21.90	23.00
		MID	Q16	22.74	22.67	22.31	23.00
		HIGH	Q16	22.30	22.14	21.77	23.00
	50	LOW	Q16	20.98	21.15	20.91	22.00
		MID	Q16	21.17	21.18	20.96	22.00
		HIGH	Q16	21.27	21.12	21.01	22.00
20	100	LOW	Q16	21.11	21.14	20.97	22.00
	1	LOW	64QAM	21.24	21.26	21.00	22.00
		MID	64QAM	21.75	21.67	21.26	22.00
		HIGH	64QAM	21.27	21.06	20.75	22.00
	50	LOW	64QAM	19.99	20.16	19.93	21.00
		MID	64QAM	20.14	20.18	20.01	21.00
		HIGH	64QAM	20.13	19.97	19.87	21.00
	100	LOW	64QAM	20.03	20.13	20.05	21.00