

8 CONDUCTED RF OUPUT POWER

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8.1 WCDMA Output Power

Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.31	23.17	23.28	24.00
HSDPA Subtest-1	22.11	22.09	22.20	23.00
HSDPA Subtest-2	22.20	22.12	21.98	23.00
HSDPA Subtest-3	21.57	21.64	21.64	22.50
HSDPA Subtest-4	21.59	21.63	21.50	22.50
HSUPA Subtest-1	22.33	22.15	22.14	23.00
HSUPA Subtest-2	20.35	20.20	20.39	21.50
HSUPA Subtest-3	21.04	21.12	21.31	22.50
HSUPA Subtest-4	20.15	20.11	20.25	21.50
HSUPA Subtest-5	22.01	22.08	21.98	23.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	18.72	18.70	19.02	19.50
HSDPA Subtest-1	17.60	17.59	17.29	18.50
HSDPA Subtest-2	17.63	17.51	17.77	18.50
HSDPA Subtest-3	16.99	17.10	17.01	18.00
HSDPA Subtest-4	16.86	16.86	16.86	18.00
HSUPA Subtest-1	17.79	17.65	17.72	18.50
HSUPA Subtest-2	15.61	15.73	15.48	17.00
HSUPA Subtest-3	16.25	16.53	16.56	18.00
HSUPA Subtest-4	15.71	15.67	15.53	17.00
HSUPA Subtest-5	17.48	17.58	17.45	18.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.25	23.19	23.32	24.00
HSDPA Subtest-1	22.17	22.12	22.25	23.00
HSDPA Subtest-2	22.26	22.15	22.27	23.00
HSDPA Subtest-3	21.83	21.66	21.68	22.50
HSDPA Subtest-4	21.44	21.62	21.73	22.50
HSUPA Subtest-1	22.35	22.18	22.10	23.00
HSUPA Subtest-2	19.96	20.16	20.10	21.50
HSUPA Subtest-3	21.34	21.20	21.05	22.50
HSUPA Subtest-4	20.14	20.07	20.23	21.50
HSUPA Subtest-5	22.28	22.11	22.23	23.00

8.2.1 LTE Band2 Output Power

LTE B2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.55	23.36	23.39	24.00
		MID	QPSK	23.17	22.04	22.45	24.00
		HIGH	QPSK	22.78	23.10	22.75	24.00
	3	LOW	QPSK	23.30	23.06	23.38	24.00
		MID	QPSK	22.09	22.85	22.12	24.00
		HIGH	QPSK	22.83	22.85	23.11	24.00
6	LOW	QPSK	22.03	21.50	21.71	23.00	
1.4	1	LOW	Q16	22.84	22.64	21.92	23.00
		MID	Q16	21.21	22.08	21.67	23.00
		HIGH	Q16	22.55	22.86	21.96	23.00
	3	LOW	Q16	22.73	22.36	22.41	23.00
		MID	Q16	22.00	21.96	21.76	23.00
		HIGH	Q16	22.61	22.99	22.01	23.00
6	LOW	Q16	20.87	21.01	20.70	22.00	
1.4	1	LOW	64QAM	21.91	21.32	21.64	22.00
		MID	64QAM	21.28	21.33	20.48	22.00
		HIGH	64QAM	21.28	21.39	21.26	22.00
	3	LOW	64QAM	21.21	21.71	21.17	22.00
		MID	64QAM	21.21	21.20	20.69	22.00
		HIGH	64QAM	21.87	21.71	21.12	22.00
6	LOW	64QAM	20.17	19.68	19.76	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.48	23.48	23.65	24.00
		MID	QPSK	22.73	22.33	22.73	24.00
		HIGH	QPSK	23.51	23.48	22.87	24.00
	8	LOW	QPSK	22.23	21.82	21.80	23.00
		MID	QPSK	22.09	21.94	21.71	23.00
		HIGH	QPSK	21.72	22.07	22.03	23.00
15	LOW	QPSK	21.86	21.77	21.90	23.00	
3	1	LOW	Q16	22.90	22.82	22.69	23.00
		MID	Q16	22.13	22.08	22.35	23.00
		HIGH	Q16	22.85	22.76	22.54	23.00
	8	LOW	Q16	21.21	20.86	20.69	22.00
		MID	Q16	20.81	20.75	21.08	22.00
		HIGH	Q16	21.21	21.32	20.70	22.00
15	LOW	Q16	21.17	20.71	20.83	22.00	
3	1	LOW	64QAM	21.87	21.87	21.78	22.00
		MID	64QAM	21.04	20.58	20.85	22.00
		HIGH	64QAM	21.55	21.93	21.50	22.00
	8	LOW	64QAM	20.43	19.99	19.74	21.00
		MID	64QAM	19.66	19.84	19.69	21.00
		HIGH	64QAM	19.92	20.08	19.54	21.00
15	LOW	64QAM	19.96	20.09	20.18	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	23.51	23.60	24.00
		MID	QPSK	22.48	22.65	22.80	24.00
		HIGH	QPSK	23.44	23.10	22.87	24.00
	36	LOW	QPSK	22.32	22.00	21.82	23.00
		MID	QPSK	22.22	21.79	21.84	23.00
		HIGH	QPSK	21.78	21.96	22.03	23.00
75	LOW	QPSK	21.99	22.01	21.99	23.00	
5	1	LOW	Q16	22.83	22.86	22.99	23.00
		MID	Q16	22.01	22.04	22.37	23.00
		HIGH	Q16	22.72	22.71	22.36	23.00
	36	LOW	Q16	21.33	20.86	20.73	22.00
		MID	Q16	20.89	20.75	20.79	22.00
		HIGH	Q16	21.11	21.32	20.59	22.00
75	LOW	Q16	21.19	20.69	20.77	22.00	
5	1	LOW	64QAM	21.96	21.84	21.95	22.00
		MID	64QAM	21.25	20.47	20.81	22.00
		HIGH	64QAM	21.88	21.67	21.50	22.00
	36	LOW	64QAM	20.55	20.15	19.68	21.00
		MID	64QAM	19.50	20.02	19.73	21.00
		HIGH	64QAM	19.82	19.92	19.54	21.00
75	LOW	64QAM	20.20	19.93	19.88	21.00	

LTE B2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.79	23.56	23.55	24.00
		MID	QPSK	22.76	22.31	22.56	24.00
		HIGH	QPSK	23.13	23.38	23.30	24.00
	50	LOW	QPSK	22.03	22.17	22.06	23.00
		MID	QPSK	22.09	21.62	21.70	23.00
		HIGH	QPSK	21.75	21.56	22.15	23.00
	100	LOW	QPSK	22.11	21.68	21.96	23.00
10	1	LOW	Q16	22.91	22.96	22.76	23.00
		MID	Q16	22.50	21.95	22.28	23.00
		HIGH	Q16	22.68	22.49	22.31	23.00
	50	LOW	Q16	21.32	21.15	20.85	22.00
		MID	Q16	20.87	21.19	21.07	22.00
		HIGH	Q16	20.92	21.29	20.97	22.00
	100	LOW	Q16	21.05	21.04	20.94	22.00
10	1	LOW	64QAM	21.98	21.94	21.57	22.00
		MID	64QAM	21.36	20.99	21.23	22.00
		HIGH	64QAM	21.60	21.70	21.07	22.00
	50	LOW	64QAM	20.62	20.10	19.76	21.00
		MID	64QAM	20.23	20.12	19.81	21.00
		HIGH	64QAM	19.81	19.83	19.87	21.00
	100	LOW	64QAM	20.34	19.57	20.04	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.98	23.48	23.46	24.00
		MID	QPSK	22.59	22.49	22.66	24.00
		HIGH	QPSK	23.37	23.11	23.31	24.00
	36	LOW	QPSK	21.97	22.17	21.70	23.00
		MID	QPSK	22.30	21.67	21.63	23.00
		HIGH	QPSK	22.11	22.06	21.87	23.00
	75	LOW	QPSK	22.16	21.90	21.91	23.00
15	1	LOW	Q16	22.94	22.81	22.97	23.00
		MID	Q16	22.42	21.76	21.85	23.00
		HIGH	Q16	22.73	22.39	22.26	23.00
	36	LOW	Q16	21.29	21.09	21.07	22.00
		MID	Q16	20.82	20.93	20.80	22.00
		HIGH	Q16	20.85	20.81	20.67	22.00
	75	LOW	Q16	21.11	21.10	20.81	22.00
15	1	LOW	64QAM	21.91	21.95	21.95	22.00
		MID	64QAM	20.99	21.01	20.59	22.00
		HIGH	64QAM	21.43	21.75	21.54	22.00
	36	LOW	64QAM	20.34	20.08	20.29	21.00
		MID	64QAM	19.86	19.75	19.89	21.00
		HIGH	64QAM	19.86	19.81	19.87	21.00
	75	LOW	64QAM	20.51	20.35	19.97	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.45	23.79	23.44	24.00
		MID	QPSK	22.33	22.48	22.71	24.00
		HIGH	QPSK	23.13	22.91	23.07	24.00
	50	LOW	QPSK	21.76	22.19	21.72	23.00
		MID	QPSK	22.07	21.87	21.72	23.00
		HIGH	QPSK	21.89	22.16	22.06	23.00
	100	LOW	QPSK	22.12	22.17	21.71	23.00
20	1	LOW	Q16	22.86	22.72	22.49	23.00
		MID	Q16	22.37	21.83	22.09	23.00
		HIGH	Q16	22.31	22.20	22.07	23.00
	50	LOW	Q16	21.06	20.93	20.50	22.00
		MID	Q16	20.78	20.78	20.74	22.00
		HIGH	Q16	20.70	21.20	20.87	22.00
	100	LOW	Q16	20.77	20.88	20.98	22.00
20	1	LOW	64QAM	21.86	21.71	21.70	22.00
		MID	64QAM	20.95	20.52	21.18	22.00
		HIGH	64QAM	21.23	21.41	21.21	22.00
	50	LOW	64QAM	20.24	20.10	19.87	21.00
		MID	64QAM	19.88	19.92	19.89	21.00
		HIGH	64QAM	19.77	19.99	20.15	21.00
	100	LOW	64QAM	20.10	19.70	20.12	21.00

8.2.2 LTE Band4 Output Power

LTE B4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.54	18.17	18.37	19.50
		MID	QPSK	18.44	18.51	18.22	19.50
		HIGH	QPSK	18.48	18.38	18.47	19.50
	3	LOW	QPSK	18.34	18.43	18.56	19.50
		MID	QPSK	18.45	18.32	18.42	19.50
		HIGH	QPSK	18.21	18.43	18.31	19.50
6	LOW	QPSK	18.15	18.54	18.33	19.50	
1.4	1	LOW	Q16	18.38	18.21	18.42	19.50
		MID	Q16	18.39	18.35	18.30	19.50
		HIGH	Q16	18.40	18.33	18.22	19.50
	3	LOW	Q16	18.31	18.45	18.46	19.50
		MID	Q16	18.32	18.42	18.42	19.50
		HIGH	Q16	18.55	18.21	18.50	19.50
6	LOW	Q16	18.43	18.14	18.34	19.50	
1.4	1	LOW	64QAM	18.53	18.43	18.15	19.50
		MID	64QAM	18.24	18.25	18.31	19.50
		HIGH	64QAM	18.32	18.18	18.49	19.50
	3	LOW	64QAM	18.53	18.16	18.34	19.50
		MID	64QAM	18.45	18.55	18.42	19.50
		HIGH	64QAM	18.16	18.40	18.30	19.50
6	LOW	64QAM	18.27	18.47	18.53	19.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.20	18.26	18.35	19.50
		MID	QPSK	18.17	18.18	18.21	19.50
		HIGH	QPSK	18.46	18.27	18.33	19.50
	8	LOW	QPSK	18.38	18.45	18.24	19.50
		MID	QPSK	18.50	18.24	18.24	19.50
		HIGH	QPSK	18.35	18.36	18.38	19.50
15	LOW	QPSK	18.21	18.41	18.55	19.50	
3	1	LOW	Q16	18.23	18.49	18.26	19.50
		MID	Q16	18.23	18.52	18.44	19.50
		HIGH	Q16	18.33	18.20	18.20	19.50
	8	LOW	Q16	18.31	18.37	18.47	19.50
		MID	Q16	18.49	18.36	18.17	19.50
		HIGH	Q16	18.15	18.20	18.17	19.50
15	LOW	Q16	18.43	18.53	18.53	19.50	
3	1	LOW	64QAM	18.44	18.31	18.56	19.50
		MID	64QAM	18.40	18.20	18.45	19.50
		HIGH	64QAM	18.18	18.19	18.28	19.50
	8	LOW	64QAM	18.37	18.56	18.52	19.50
		MID	64QAM	18.37	18.41	18.26	19.50
		HIGH	64QAM	18.24	18.47	18.26	19.50
15	LOW	64QAM	18.28	18.38	18.21	19.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.34	18.40	18.27	19.50
		MID	QPSK	18.38	18.17	18.16	19.50
		HIGH	QPSK	18.40	18.15	18.31	19.50
	36	LOW	QPSK	18.20	18.56	18.27	19.50
		MID	QPSK	18.20	18.15	18.32	19.50
		HIGH	QPSK	18.47	18.16	18.14	19.50
75	LOW	QPSK	18.26	18.20	18.24	19.50	
5	1	LOW	Q16	18.21	18.51	18.16	19.50
		MID	Q16	18.35	18.36	18.55	19.50
		HIGH	Q16	18.14	18.54	18.46	19.50
	36	LOW	Q16	18.26	18.19	18.45	19.50
		MID	Q16	18.19	18.49	18.34	19.50
		HIGH	Q16	18.17	18.46	18.45	19.50
75	LOW	Q16	18.31	18.48	18.23	19.50	
5	1	LOW	64QAM	18.54	18.38	18.41	19.50
		MID	64QAM	18.39	18.24	18.36	19.50
		HIGH	64QAM	18.14	18.54	18.50	19.50
	36	LOW	64QAM	18.46	18.53	18.29	19.50
		MID	64QAM	18.38	18.51	18.27	19.50
		HIGH	64QAM	18.25	18.17	18.55	19.50
75	LOW	64QAM	18.45	18.46	18.53	19.50	

LTE B4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	18.44	18.44	18.26	19.50
		MID	QPSK	18.44	18.53	18.36	19.50
		HIGH	QPSK	18.49	18.30	18.33	19.50
	50	LOW	QPSK	18.32	18.18	18.27	19.50
		MID	QPSK	18.35	18.33	18.37	19.50
		HIGH	QPSK	18.17	18.18	18.29	19.50
	100	LOW	QPSK	18.16	18.33	18.40	19.50
10	1	LOW	Q16	18.29	18.22	18.17	19.50
		MID	Q16	18.45	18.16	18.34	19.50
		HIGH	Q16	18.15	18.32	18.43	19.50
	50	LOW	Q16	18.52	18.27	18.41	19.50
		MID	Q16	18.56	18.27	18.47	19.50
		HIGH	Q16	18.46	18.50	18.39	19.50
	100	LOW	Q16	18.38	18.53	18.47	19.50
10	1	LOW	64QAM	18.43	18.40	18.17	19.50
		MID	64QAM	18.31	18.48	18.44	19.50
		HIGH	64QAM	18.38	18.46	18.47	19.50
	50	LOW	64QAM	18.39	18.41	18.55	19.50
		MID	64QAM	18.47	18.21	18.56	19.50
		HIGH	64QAM	18.26	18.39	18.52	19.50
	100	LOW	64QAM	18.29	18.15	18.52	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	18.29	18.55	18.43	19.50
		MID	QPSK	18.43	18.21	18.30	19.50
		HIGH	QPSK	18.48	18.18	18.49	19.50
	36	LOW	QPSK	18.44	18.37	18.43	19.50
		MID	QPSK	18.24	18.14	18.38	19.50
		HIGH	QPSK	18.48	18.24	18.35	19.50
	75	LOW	QPSK	18.54	18.29	18.29	19.50
15	1	LOW	Q16	18.26	18.43	18.55	19.50
		MID	Q16	18.22	18.17	18.34	19.50
		HIGH	Q16	18.56	18.23	18.43	19.50
	36	LOW	Q16	18.19	18.31	18.36	19.50
		MID	Q16	18.46	18.42	18.55	19.50
		HIGH	Q16	18.36	18.48	18.51	19.50
	75	LOW	Q16	18.33	18.50	18.42	19.50
15	1	LOW	64QAM	18.38	18.51	18.50	19.50
		MID	64QAM	18.56	18.50	18.48	19.50
		HIGH	64QAM	18.33	18.24	18.50	19.50
	36	LOW	64QAM	18.53	18.35	18.55	19.50
		MID	64QAM	18.19	18.44	18.21	19.50
		HIGH	64QAM	18.34	18.20	18.26	19.50
	75	LOW	64QAM	18.29	18.41	18.31	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	18.19	18.22	18.18	19.50
		MID	QPSK	18.27	18.44	18.48	19.50
		HIGH	QPSK	18.52	18.30	18.56	19.50
	50	LOW	QPSK	18.20	18.36	18.54	19.50
		MID	QPSK	18.18	18.19	18.51	19.50
		HIGH	QPSK	18.24	18.15	18.53	19.50
	100	LOW	QPSK	18.52	18.26	18.16	19.50
20	1	LOW	Q16	18.39	18.32	18.20	19.50
		MID	Q16	18.22	18.52	18.19	19.50
		HIGH	Q16	18.14	18.46	18.52	19.50
	50	LOW	Q16	18.50	18.56	18.14	19.50
		MID	Q16	18.39	18.47	18.53	19.50
		HIGH	Q16	18.55	18.35	18.33	19.50
	100	LOW	Q16	18.54	18.19	18.21	19.50
20	1	LOW	64QAM	18.35	18.30	18.44	19.50
		MID	64QAM	18.18	18.54	18.54	19.50
		HIGH	64QAM	18.32	18.18	18.56	19.50
	50	LOW	64QAM	18.42	18.43	18.34	19.50
		MID	64QAM	18.17	18.27	18.32	19.50
		HIGH	64QAM	18.56	18.14	18.28	19.50
	100	LOW	64QAM	18.35	18.34	18.35	19.50

8.2.3 LTE Band5 Output Power

LTE B5								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	22.31	22.57	22.41	24.00	
		MID	QPSK	22.24	22.61	22.32	24.00	
		HIGH	QPSK	22.55	22.47	22.35	24.00	
	3	LOW	QPSK	22.24	22.35	22.27	24.00	
		MID	QPSK	22.42	22.56	22.54	24.00	
		HIGH	QPSK	22.29	22.46	22.51	24.00	
1.4	1	LOW	QPSK	21.50	21.52	21.58	23.00	
		LOW	Q16	21.51	21.82	21.32	23.00	
		MID	Q16	21.42	21.83	21.43	23.00	
	3	HIGH	Q16	21.33	21.78	21.33	23.00	
		LOW	Q16	21.32	21.91	21.60	23.00	
		MID	Q16	21.52	21.93	21.45	23.00	
1.4	1	HIGH	Q16	21.47	21.68	21.41	23.00	
		LOW	Q16	20.59	20.54	20.55	22.00	
		LOW	64QAM	20.57	20.76	20.36	22.00	
	3	MID	64QAM	20.55	20.81	20.23	22.00	
		HIGH	64QAM	20.37	21.02	20.46	22.00	
		LOW	64QAM	20.58	20.80	20.20	22.00	
1.4	1	MID	64QAM	20.56	20.81	20.51	22.00	
		HIGH	64QAM	20.29	21.00	20.57	22.00	
		LOW	64QAM	19.44	19.64	19.62	21.00	
	3	1	LOW	QPSK	22.34	22.36	22.35	24.00
			MID	QPSK	22.39	22.39	22.62	24.00
			HIGH	QPSK	22.31	22.42	22.52	24.00
8		LOW	QPSK	21.39	21.60	21.68	23.00	
		MID	QPSK	21.77	21.83	21.47	23.00	
		HIGH	QPSK	21.50	21.71	21.43	23.00	
3	15	LOW	QPSK	21.60	21.66	21.43	23.00	
		LOW	Q16	21.58	21.97	21.54	23.00	
		MID	Q16	21.46	21.79	21.54	23.00	
	8	HIGH	Q16	21.40	21.84	21.32	23.00	
		LOW	Q16	20.62	20.57	20.47	22.00	
		MID	Q16	20.59	20.60	20.59	22.00	
3	1	HIGH	Q16	20.57	20.66	20.54	22.00	
		LOW	Q16	20.64	20.62	20.50	22.00	
		LOW	64QAM	20.36	20.83	20.49	22.00	
	8	MID	64QAM	20.64	20.82	20.38	22.00	
		HIGH	64QAM	20.43	20.89	20.30	22.00	
		LOW	64QAM	19.41	19.65	19.52	21.00	
3	15	MID	64QAM	19.65	19.71	19.64	21.00	
		HIGH	64QAM	19.50	19.54	19.56	21.00	
		LOW	64QAM	19.55	19.34	19.52	21.00	

LTE B5							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.37	22.53	24.00
		MID	QPSK	22.37	22.65	22.56	24.00
		HIGH	QPSK	22.27	22.39	22.53	24.00
	12	LOW	QPSK	21.38	21.64	21.58	23.00
		MID	QPSK	21.60	21.66	21.62	23.00
		HIGH	QPSK	21.49	21.60	21.64	23.00
5	1	LOW	QPSK	21.55	21.67	21.50	23.00
	12	LOW	Q16	21.49	22.04	21.41	23.00
		MID	Q16	21.44	21.91	21.45	23.00
		HIGH	Q16	21.36	21.80	21.28	23.00
	25	LOW	Q16	20.58	20.68	20.42	22.00
		MID	Q16	20.48	20.72	20.76	22.00
5	1	LOW	Q16	20.50	20.68	20.64	22.00
	12	LOW	Q16	20.72	20.67	20.48	22.00
		MID	Q16	20.49	20.92	20.26	22.00
		HIGH	Q16	20.50	21.02	20.72	22.00
	25	LOW	Q16	20.31	20.90	20.51	22.00
		MID	Q16	20.31	20.90	20.51	22.00
5	1	LOW	64QAM	19.51	19.65	19.43	21.00
	12	LOW	64QAM	19.51	19.65	19.43	21.00
		MID	64QAM	19.82	19.59	19.70	21.00
	25	LOW	64QAM	19.82	19.67	19.61	21.00
		MID	64QAM	19.32	19.67	19.61	21.00
		HIGH	64QAM	19.32	19.67	19.61	21.00
5	1	LOW	64QAM	19.73	19.70	19.29	21.00
	12	LOW	64QAM	19.73	19.70	19.29	21.00
		MID	64QAM	19.73	19.70	19.29	21.00
	25	LOW	64QAM	19.73	19.70	19.29	21.00
		MID	64QAM	19.73	19.70	19.29	21.00
		HIGH	64QAM	19.73	19.70	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.33	22.48	22.41	24.00
		MID	QPSK	22.39	22.52	22.47	24.00
		HIGH	QPSK	22.40	22.40	22.48	24.00
	25	LOW	QPSK	21.51	21.63	21.54	23.00
		MID	QPSK	21.74	21.74	21.58	23.00
		HIGH	QPSK	21.58	21.59	21.57	23.00
10	1	LOW	QPSK	21.58	21.66	21.55	23.00
	25	LOW	Q16	21.43	21.91	21.45	23.00
		MID	Q16	21.53	21.94	21.48	23.00
		HIGH	Q16	21.34	21.82	21.38	23.00
	50	LOW	Q16	20.48	20.67	20.52	22.00
		MID	Q16	20.63	20.69	20.64	22.00
10	1	LOW	Q16	20.57	20.58	20.54	22.00
	25	LOW	Q16	20.58	20.64	20.52	22.00
		MID	Q16	20.39	21.06	20.41	22.00
	50	LOW	Q16	20.38	20.99	20.63	22.00
		MID	Q16	20.43	20.77	20.41	22.00
		HIGH	Q16	20.43	20.77	20.41	22.00
10	1	LOW	64QAM	19.57	19.55	19.44	21.00
	25	LOW	64QAM	19.57	19.55	19.44	21.00
		MID	64QAM	19.74	19.61	19.70	21.00
	50	LOW	64QAM	19.74	19.61	19.70	21.00
		MID	64QAM	19.43	19.68	19.69	21.00
		HIGH	64QAM	19.43	19.68	19.69	21.00
10	1	LOW	64QAM	19.69	19.64	19.39	21.00
	25	LOW	64QAM	19.69	19.64	19.39	21.00
		MID	64QAM	19.69	19.64	19.39	21.00
	50	LOW	64QAM	19.69	19.64	19.39	21.00
		MID	64QAM	19.69	19.64	19.39	21.00
		HIGH	64QAM	19.69	19.64	19.39	21.00

8.2.4 LTE Band7 Output Power

LTE B7							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.60	19.91	19.74	21.50
		MID	QPSK	19.64	19.86	19.85	21.50
		HIGH	QPSK	19.56	19.78	19.84	21.50
	12	LOW	QPSK	19.75	19.61	19.66	21.50
		MID	QPSK	19.68	19.75	19.67	21.50
		HIGH	QPSK	19.73	19.65	19.77	21.50
25	LOW	QPSK	19.64	19.55	19.57	21.50	
5	1	LOW	Q16	20.08	19.66	19.78	21.50
		MID	Q16	19.64	19.57	19.74	21.50
		HIGH	Q16	19.66	19.75	19.59	21.50
	12	LOW	Q16	19.63	19.60	19.58	21.50
		MID	Q16	19.58	19.67	19.58	21.50
		HIGH	Q16	19.83	19.77	19.53	21.50
25	LOW	Q16	19.73	19.70	19.71	21.50	
5	1	LOW	64QAM	19.80	19.71	19.69	21.50
		MID	64QAM	19.75	19.99	19.56	21.50
		HIGH	64QAM	19.81	19.64	19.64	21.50
	12	LOW	64QAM	19.26	19.31	19.01	21.00
		MID	64QAM	19.29	19.01	19.26	21.00
		HIGH	64QAM	19.19	19.04	19.06	21.00
25	LOW	64QAM	19.21	19.24	19.15	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.69	20.13	20.14	21.50
		MID	QPSK	19.63	19.75	19.57	21.50
		HIGH	QPSK	19.94	20.09	19.73	21.50
	25	LOW	QPSK	19.72	19.90	19.74	21.50
		MID	QPSK	19.55	19.66	19.60	21.50
		HIGH	QPSK	19.64	19.58	19.74	21.50
50	LOW	QPSK	19.85	19.87	19.76	21.50	
10	1	LOW	Q16	20.67	20.67	20.56	21.50
		MID	Q16	19.81	19.60	19.76	21.50
		HIGH	Q16	20.21	19.93	20.26	21.50
	25	LOW	Q16	19.84	19.72	19.53	21.50
		MID	Q16	19.56	19.56	19.60	21.50
		HIGH	Q16	19.64	19.56	19.73	21.50
50	LOW	Q16	19.92	19.56	19.60	21.50	
10	1	LOW	64QAM	20.11	20.68	20.11	21.50
		MID	64QAM	19.82	19.63	19.80	21.50
		HIGH	64QAM	20.02	19.81	20.27	21.50
	25	LOW	64QAM	19.28	19.35	19.24	21.00
		MID	64QAM	19.12	19.06	19.04	21.00
		HIGH	64QAM	19.16	19.17	19.16	21.00
50	LOW	64QAM	19.31	19.26	19.32	21.00	

LTE B7							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.91	20.35	20.14	21.50
		MID	QPSK	19.52	19.81	19.70	21.50
		HIGH	QPSK	19.72	19.76	19.79	21.50
	36	LOW	QPSK	19.91	19.74	19.57	21.50
		MID	QPSK	19.63	19.63	19.66	21.50
		HIGH	QPSK	19.74	19.64	19.72	21.50
	75	LOW	QPSK	19.60	19.71	19.56	21.50
15	1	LOW	Q16	20.61	20.69	20.51	21.50
		MID	Q16	19.87	19.83	19.81	21.50
		HIGH	Q16	19.92	20.09	20.19	21.50
	36	LOW	Q16	19.63	19.85	19.76	21.50
		MID	Q16	19.73	19.65	19.71	21.50
		HIGH	Q16	19.59	19.54	19.57	21.50
	75	LOW	Q16	19.54	19.56	19.67	21.50
15	1	LOW	64QAM	20.10	20.81	20.00	21.50
		MID	64QAM	19.70	19.98	19.54	21.50
		HIGH	64QAM	20.31	20.00	19.98	21.50
	36	LOW	64QAM	19.08	19.23	19.16	21.00
		MID	64QAM	19.15	19.19	19.07	21.00
		HIGH	64QAM	19.03	19.17	19.09	21.00
	75	LOW	64QAM	19.24	19.24	19.38	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.91	19.80	19.91	21.50
		MID	QPSK	19.70	19.71	19.62	21.50
		HIGH	QPSK	19.88	19.93	19.68	21.50
	50	LOW	QPSK	19.69	19.60	19.57	21.50
		MID	QPSK	20.03	19.66	19.72	21.50
		HIGH	QPSK	19.57	19.84	19.62	21.50
	100	LOW	QPSK	19.55	19.80	19.73	21.50
20	1	LOW	Q16	20.25	20.43	20.68	21.50
		MID	Q16	19.82	19.66	19.89	21.50
		HIGH	Q16	20.14	20.24	20.22	21.50
	50	LOW	Q16	19.85	19.55	19.72	21.50
		MID	Q16	19.83	19.74	19.60	21.50
		HIGH	Q16	19.62	19.57	19.69	21.50
	100	LOW	Q16	19.64	19.74	19.61	21.50
20	1	LOW	64QAM	20.04	20.97	19.95	21.50
		MID	64QAM	19.87	19.81	19.73	21.50
		HIGH	64QAM	20.04	19.79	19.84	21.50
	50	LOW	64QAM	19.16	19.27	19.15	21.00
		MID	64QAM	19.25	19.03	19.19	21.00
		HIGH	64QAM	19.27	19.33	19.30	21.00
	100	LOW	64QAM	19.23	19.19	19.13	21.00

8.2.5 LTE Band12 Output Power

LTE B12							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.15	22.18	24.00
		MID	QPSK	22.43	22.15	22.54	24.00
		HIGH	QPSK	22.71	22.16	22.40	24.00
	3	LOW	QPSK	22.07	22.18	22.06	24.00
		MID	QPSK	22.51	22.02	22.28	24.00
		HIGH	QPSK	22.28	22.15	22.18	24.00
6	LOW	QPSK	21.47	21.58	21.10	23.00	
1.4	1	LOW	Q16	21.03	21.37	21.03	23.00
		MID	Q16	21.20	21.01	21.84	23.00
		HIGH	Q16	21.16	21.19	21.34	23.00
	3	LOW	Q16	21.22	21.19	21.19	23.00
		MID	Q16	21.00	21.23	21.49	23.00
		HIGH	Q16	21.11	21.52	21.57	23.00
6	LOW	Q16	20.08	20.44	20.22	22.00	
1.4	1	LOW	64QAM	20.32	20.49	20.17	22.00
		MID	64QAM	20.07	20.69	20.35	22.00
		HIGH	64QAM	20.02	20.40	20.08	22.00
	3	LOW	64QAM	20.13	20.95	20.12	22.00
		MID	64QAM	20.19	20.81	20.46	22.00
		HIGH	64QAM	20.20	20.51	20.14	22.00
6	LOW	64QAM	19.07	19.13	19.20	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.25	22.25	22.40	24.00
		MID	QPSK	22.29	22.32	22.68	24.00
		HIGH	QPSK	22.54	22.08	22.23	24.00
	8	LOW	QPSK	21.63	21.53	21.46	23.00
		MID	QPSK	21.70	21.49	21.55	23.00
		HIGH	QPSK	21.39	21.64	21.55	23.00
15	LOW	QPSK	21.45	21.57	21.68	23.00	
3	1	LOW	Q16	21.22	21.74	21.28	23.00
		MID	Q16	21.27	21.87	21.45	23.00
		HIGH	Q16	21.23	21.80	21.38	23.00
	8	LOW	Q16	20.51	20.65	20.65	22.00
		MID	Q16	20.41	20.70	20.61	22.00
		HIGH	Q16	20.43	20.69	20.54	22.00
15	LOW	Q16	20.40	20.56	20.58	22.00	
3	1	LOW	64QAM	20.26	20.93	20.63	22.00
		MID	64QAM	20.27	20.91	20.58	22.00
		HIGH	64QAM	20.24	20.61	20.31	22.00
	8	LOW	64QAM	19.62	19.47	19.47	21.00
		MID	64QAM	19.38	19.61	19.71	21.00
		HIGH	64QAM	19.30	19.72	19.48	21.00
15	LOW	64QAM	19.68	19.52	19.60	21.00	

LTE B12							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.04	22.45	22.21	24.00
		MID	QPSK	22.52	22.49	22.55	24.00
		HIGH	QPSK	22.55	22.04	22.25	24.00
	12	LOW	QPSK	21.32	21.59	21.28	23.00
		MID	QPSK	21.50	21.44	21.63	23.00
		HIGH	QPSK	21.54	21.49	21.65	23.00
25	LOW	QPSK	21.36	21.17	21.31	23.00	
5	1	LOW	Q16	21.25	21.65	21.14	23.00
		MID	Q16	21.42	21.43	21.54	23.00
		HIGH	Q16	21.39	21.75	21.64	23.00
	12	LOW	Q16	20.38	20.54	20.54	22.00
		MID	Q16	20.39	20.35	20.87	22.00
		HIGH	Q16	20.51	20.59	20.40	22.00
25	LOW	Q16	20.38	20.68	20.51	22.00	
5	1	LOW	64QAM	20.21	20.91	20.26	22.00
		MID	64QAM	20.12	20.82	20.53	22.00
		HIGH	64QAM	20.12	20.67	20.33	22.00
	12	LOW	64QAM	19.24	19.75	19.56	21.00
		MID	64QAM	19.32	19.29	19.59	21.00
		HIGH	64QAM	19.43	19.76	19.26	21.00
25	LOW	64QAM	19.49	19.29	19.29	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.27	22.40	22.38	24.00
		MID	QPSK	22.37	22.46	22.55	24.00
		HIGH	QPSK	22.39	22.21	22.25	24.00
	25	LOW	QPSK	21.48	21.52	21.48	23.00
		MID	QPSK	21.56	21.55	21.65	23.00
		HIGH	QPSK	21.42	21.52	21.62	23.00
50	LOW	QPSK	21.51	21.50	21.57	23.00	
10	1	LOW	Q16	21.24	21.83	21.36	23.00
		MID	Q16	21.26	21.73	21.55	23.00
		HIGH	Q16	21.14	21.73	21.48	23.00
	25	LOW	Q16	20.46	20.54	20.66	22.00
		MID	Q16	20.53	20.56	20.73	22.00
		HIGH	Q16	20.51	20.61	20.62	22.00
50	LOW	Q16	20.47	20.52	20.50	22.00	
10	1	LOW	64QAM	20.23	20.78	20.51	22.00
		MID	64QAM	20.16	20.82	20.64	22.00
		HIGH	64QAM	20.14	20.71	20.38	22.00
	25	LOW	64QAM	19.59	19.53	19.61	21.00
		MID	64QAM	19.43	19.47	19.66	21.00
		HIGH	64QAM	19.39	19.64	19.61	21.00
50	LOW	64QAM	19.62	19.55	19.57	21.00	

8.2.6 LTE Band13 Output Power

LTE B13					
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	22.33	24.00
		MID	QPSK	22.53	24.00
		HIGH	QPSK	22.17	24.00
	12	LOW	QPSK	21.59	23.00
		MID	QPSK	21.58	23.00
		HIGH	QPSK	21.44	23.00
	25	LOW	QPSK	21.73	23.00
5	1	LOW	Q16	21.32	23.00
		MID	Q16	21.53	23.00
		HIGH	Q16	21.35	23.00
	12	LOW	Q16	20.56	22.00
		MID	Q16	20.61	22.00
		HIGH	Q16	20.70	22.00
	25	LOW	Q16	20.80	22.00
5	1	LOW	64QAM	20.55	22.00
		MID	64QAM	20.33	22.00
		HIGH	64QAM	20.47	22.00
	12	LOW	64QAM	19.67	21.00
		MID	64QAM	19.80	21.00
		HIGH	64QAM	19.41	21.00
	25	LOW	64QAM	19.80	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	22.48	24.00
		MID	QPSK	22.43	24.00
		HIGH	QPSK	22.32	24.00
	25	LOW	QPSK	21.57	23.00
		MID	QPSK	21.56	23.00
		HIGH	QPSK	21.48	23.00
	50	LOW	QPSK	21.65	23.00
10	1	LOW	Q16	21.47	23.00
		MID	Q16	21.43	23.00
		HIGH	Q16	21.37	23.00
	25	LOW	Q16	20.68	22.00
		MID	Q16	20.65	22.00
		HIGH	Q16	20.58	22.00
	50	LOW	Q16	20.70	22.00
10	1	LOW	64QAM	20.47	22.00
		MID	64QAM	20.53	22.00
		HIGH	64QAM	20.25	22.00
	25	LOW	64QAM	19.72	21.00
		MID	64QAM	19.71	21.00
		HIGH	64QAM	19.54	21.00
	50	LOW	64QAM	19.82	21.00

8.2.7 LTE Band25 Output Power

LTE B25							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26047	26365	26683	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.64	23.22	23.28	24.00
		MID	QPSK	22.27	22.33	22.21	24.00
		HIGH	QPSK	22.82	22.64	22.51	24.00
	3	LOW	QPSK	23.37	23.54	23.15	24.00
		MID	QPSK	22.41	22.40	22.40	24.00
		HIGH	QPSK	22.97	22.64	22.39	24.00
6	LOW	QPSK	21.80	21.69	21.58	23.00	
1.4	1	LOW	Q16	22.77	22.92	22.57	23.00
		MID	Q16	22.01	21.43	21.48	23.00
		HIGH	Q16	22.48	21.90	21.72	23.00
	3	LOW	Q16	22.82	22.48	22.69	23.00
		MID	Q16	21.77	21.52	21.70	23.00
		HIGH	Q16	22.49	21.95	21.94	23.00
6	LOW	Q16	20.61	20.82	20.84	22.00	
1.4	1	LOW	64QAM	21.75	21.64	21.68	22.00
		MID	64QAM	20.74	20.48	20.12	22.00
		HIGH	64QAM	21.56	20.78	20.81	22.00
	3	LOW	64QAM	21.82	21.52	21.48	22.00
		MID	64QAM	20.69	20.80	20.36	22.00
		HIGH	64QAM	21.34	20.92	20.61	22.00
6	LOW	64QAM	19.62	19.51	19.55	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	26055	26365	26675	Tune-up power(dBm)
3	1	LOW	QPSK	23.34	23.16	23.13	24.00
		MID	QPSK	22.33	22.52	22.48	24.00
		HIGH	QPSK	22.44	22.74	22.56	24.00
	8	LOW	QPSK	21.98	21.72	21.54	23.00
		MID	QPSK	21.46	21.28	21.56	23.00
		HIGH	QPSK	21.34	21.75	21.18	23.00
15	LOW	QPSK	21.75	21.49	21.45	23.00	
3	1	LOW	Q16	22.91	22.52	22.64	23.00
		MID	Q16	21.97	21.82	21.43	23.00
		HIGH	Q16	22.46	22.10	21.92	23.00
	8	LOW	Q16	20.78	20.65	20.91	22.00
		MID	Q16	20.41	20.34	20.36	22.00
		HIGH	Q16	20.36	20.77	20.43	22.00
15	LOW	Q16	20.84	20.74	20.81	22.00	
3	1	LOW	64QAM	21.78	21.60	21.49	22.00
		MID	64QAM	21.04	20.49	20.42	22.00
		HIGH	64QAM	21.43	20.81	21.04	22.00
	8	LOW	64QAM	19.95	19.73	20.01	21.00
		MID	64QAM	19.47	19.21	19.29	21.00
		HIGH	64QAM	19.32	19.86	19.29	21.00
15	LOW	64QAM	19.55	19.74	19.45	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	26065	26365	26665	Tune-up power(dBm)
5	1	LOW	QPSK	23.36	23.27	23.33	24.00
		MID	QPSK	22.19	22.37	22.08	24.00
		HIGH	QPSK	22.74	22.52	22.35	24.00
	36	LOW	QPSK	22.02	21.74	21.83	23.00
		MID	QPSK	21.73	21.35	21.49	23.00
		HIGH	QPSK	21.58	21.47	21.48	23.00
75	LOW	QPSK	21.73	21.83	21.52	23.00	
5	1	LOW	Q16	22.87	22.77	22.36	23.00
		MID	Q16	21.73	21.72	21.30	23.00
		HIGH	Q16	22.49	21.94	21.74	23.00
	36	LOW	Q16	20.79	20.74	20.60	22.00
		MID	Q16	20.21	20.41	20.67	22.00
		HIGH	Q16	20.45	20.76	20.42	22.00
75	LOW	Q16	20.61	20.88	20.72	22.00	
5	1	LOW	64QAM	21.81	21.66	21.81	22.00
		MID	64QAM	21.13	20.34	20.24	22.00
		HIGH	64QAM	21.57	21.21	20.79	22.00
	36	LOW	64QAM	20.04	19.58	19.94	21.00
		MID	64QAM	19.56	19.58	19.16	21.00
		HIGH	64QAM	19.74	19.66	19.05	21.00
75	LOW	64QAM	19.42	19.92	19.79	21.00	

LTE B25							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26090	26365	26640	Tune-up power(dBm)
10	1	LOW	QPSK	23.33	23.55	23.43	24.00
		MID	QPSK	22.20	22.43	22.14	24.00
		HIGH	QPSK	22.73	22.49	22.43	24.00
	50	LOW	QPSK	21.93	21.88	21.93	23.00
		MID	QPSK	21.48	21.46	21.18	23.00
		HIGH	QPSK	21.23	21.74	21.46	23.00
	100	LOW	QPSK	21.68	21.64	21.70	23.00
10	1	LOW	Q16	22.74	22.58	22.30	23.00
		MID	Q16	21.73	21.43	21.29	23.00
		HIGH	Q16	22.49	22.12	21.69	23.00
	50	LOW	Q16	20.83	20.94	20.83	22.00
		MID	Q16	20.49	20.38	20.46	22.00
		HIGH	Q16	20.49	20.83	20.16	22.00
	100	LOW	Q16	20.64	20.73	20.40	22.00
10	1	LOW	64QAM	21.65	21.74	21.83	22.00
		MID	64QAM	20.68	20.42	20.39	22.00
		HIGH	64QAM	21.57	21.17	20.87	22.00
	50	LOW	64QAM	19.56	19.57	19.78	21.00
		MID	64QAM	19.47	19.28	19.18	21.00
		HIGH	64QAM	19.60	19.82	19.14	21.00
	100	LOW	64QAM	19.65	19.62	19.91	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26115	26365	26615	Tune-up power(dBm)
15	1	LOW	QPSK	23.17	22.98	23.09	24.00
		MID	QPSK	22.32	22.06	22.31	24.00
		HIGH	QPSK	22.85	22.60	22.49	24.00
	36	LOW	QPSK	21.78	21.64	21.72	23.00
		MID	QPSK	21.30	21.37	21.50	23.00
		HIGH	QPSK	21.67	21.75	21.58	23.00
	75	LOW	QPSK	21.55	21.88	21.55	23.00
15	1	LOW	Q16	22.82	22.77	22.72	23.00
		MID	Q16	21.76	21.85	21.30	23.00
		HIGH	Q16	22.13	22.06	21.67	23.00
	36	LOW	Q16	20.75	20.91	20.85	22.00
		MID	Q16	20.50	20.61	20.57	22.00
		HIGH	Q16	20.57	20.45	20.43	22.00
	75	LOW	Q16	20.43	20.99	20.93	22.00
15	1	LOW	64QAM	21.88	21.83	21.41	22.00
		MID	64QAM	20.53	20.74	20.61	22.00
		HIGH	64QAM	21.24	21.03	20.65	22.00
	36	LOW	64QAM	20.15	19.65	19.65	21.00
		MID	64QAM	19.07	19.41	19.32	21.00
		HIGH	64QAM	19.21	19.44	19.27	21.00
	75	LOW	64QAM	19.70	19.69	19.89	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26140	26365	26590	Tune-up power(dBm)
20	1	LOW	QPSK	23.27	23.30	23.10	24.00
		MID	QPSK	22.31	22.34	22.33	24.00
		HIGH	QPSK	22.83	22.47	22.38	24.00
	50	LOW	QPSK	22.00	21.90	21.87	23.00
		MID	QPSK	21.57	21.40	21.33	23.00
		HIGH	QPSK	21.34	21.78	21.35	23.00
	100	LOW	QPSK	21.71	21.77	21.55	23.00
20	1	LOW	Q16	22.73	22.83	22.77	23.00
		MID	Q16	21.87	21.50	21.36	23.00
		HIGH	Q16	22.17	21.93	21.95	23.00
	50	LOW	Q16	20.72	20.76	20.59	22.00
		MID	Q16	20.35	20.62	20.28	22.00
		HIGH	Q16	20.39	20.56	20.39	22.00
	100	LOW	Q16	20.44	20.72	20.59	22.00
20	1	LOW	64QAM	21.86	21.91	21.46	22.00
		MID	64QAM	20.90	20.33	20.59	22.00
		HIGH	64QAM	21.12	21.16	20.84	22.00
	50	LOW	64QAM	19.97	19.62	19.46	21.00
		MID	64QAM	19.51	19.53	19.28	21.00
		HIGH	64QAM	19.37	19.76	19.27	21.00
	100	LOW	64QAM	19.49	19.60	19.99	21.00

8.2.8 LTE Band26 Output Power

LTE B26							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.43	22.45	22.20	24.00
		MID	QPSK	22.19	22.17	22.24	24.00
		HIGH	QPSK	22.12	22.28	22.12	24.00
	3	LOW	QPSK	22.27	22.15	22.15	24.00
		MID	QPSK	22.48	22.09	22.03	24.00
		HIGH	QPSK	22.13	22.47	22.18	24.00
6	LOW	QPSK	21.15	21.22	21.38	23.00	
1.4	1	LOW	Q16	21.04	21.86	21.52	23.00
		MID	Q16	21.14	21.21	21.60	23.00
		HIGH	Q16	21.16	21.47	21.44	23.00
	3	LOW	Q16	21.32	21.50	21.69	23.00
		MID	Q16	21.47	21.76	21.66	23.00
		HIGH	Q16	21.08	21.61	21.19	23.00
6	LOW	Q16	20.55	20.41	20.50	22.00	
1.4	1	LOW	64QAM	20.26	20.65	20.32	22.00
		MID	64QAM	20.18	20.64	20.54	22.00
		HIGH	64QAM	20.15	20.83	20.27	22.00
	3	LOW	64QAM	20.29	20.57	20.39	22.00
		MID	64QAM	20.18	20.78	20.62	22.00
		HIGH	64QAM	20.25	20.68	20.18	22.00
6	LOW	64QAM	19.55	19.65	19.40	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	22.50	22.27	22.47	24.00
		MID	QPSK	22.67	22.33	22.12	24.00
		HIGH	QPSK	22.35	22.12	22.19	24.00
	8	LOW	QPSK	21.47	21.37	21.36	23.00
		MID	QPSK	21.41	21.39	21.14	23.00
		HIGH	QPSK	21.54	21.39	21.09	23.00
15	LOW	QPSK	21.48	21.42	21.50	23.00	
3	1	LOW	Q16	21.49	21.46	21.54	23.00
		MID	Q16	21.33	21.63	21.42	23.00
		HIGH	Q16	21.24	21.75	21.28	23.00
	8	LOW	Q16	20.37	20.43	20.29	22.00
		MID	Q16	20.42	20.29	20.29	22.00
		HIGH	Q16	20.32	20.33	20.34	22.00
15	LOW	Q16	20.26	20.30	20.56	22.00	
3	1	LOW	64QAM	20.45	20.79	20.51	22.00
		MID	64QAM	20.22	20.47	20.54	22.00
		HIGH	64QAM	20.00	20.68	20.16	22.00
	8	LOW	64QAM	19.12	19.37	19.23	21.00
		MID	64QAM	19.23	19.12	19.11	21.00
		HIGH	64QAM	19.62	19.36	19.17	21.00
15	LOW	64QAM	19.01	19.22	19.50	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	22.40	22.30	22.31	24.00
		MID	QPSK	22.65	22.06	22.03	24.00
		HIGH	QPSK	22.02	22.21	22.19	24.00
	12	LOW	QPSK	21.12	21.48	21.45	23.00
		MID	QPSK	21.46	21.45	21.08	23.00
		HIGH	QPSK	21.07	21.08	21.14	23.00
25	LOW	QPSK	21.62	21.00	21.12	23.00	
5	1	LOW	Q16	21.34	21.65	21.58	23.00
		MID	Q16	21.03	21.66	21.41	23.00
		HIGH	Q16	21.16	21.58	21.18	23.00
	12	LOW	Q16	20.15	20.41	20.32	22.00
		MID	Q16	20.55	20.22	20.67	22.00
		HIGH	Q16	20.55	20.45	20.01	22.00
25	LOW	Q16	20.11	20.26	20.11	22.00	
5	1	LOW	64QAM	20.13	20.61	20.27	22.00
		MID	64QAM	20.29	20.62	20.48	22.00
		HIGH	64QAM	20.22	20.53	20.48	22.00
	12	LOW	64QAM	19.47	19.14	19.21	21.00
		MID	64QAM	19.42	19.37	19.23	21.00
		HIGH	64QAM	19.19	19.52	19.25	21.00
25	LOW	64QAM	19.07	19.43	19.25	21.00	

LTE B26							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	22.42	22.22	22.35	24.00
		MID	QPSK	22.44	22.22	22.22	24.00
		HIGH	QPSK	22.49	22.23	22.25	24.00
	25	LOW	QPSK	21.50	21.50	21.47	23.00
		MID	QPSK	21.37	21.44	21.54	23.00
		HIGH	QPSK	21.63	21.27	21.22	23.00
	50	LOW	QPSK	21.59	21.38	21.36	23.00
10	1	LOW	Q16	21.25	21.65	21.69	23.00
		MID	Q16	21.21	21.53	21.76	23.00
		HIGH	Q16	21.04	21.72	21.44	23.00
	25	LOW	Q16	20.33	20.42	20.38	22.00
		MID	Q16	20.45	20.51	20.35	22.00
		HIGH	Q16	20.34	20.35	20.25	22.00
	50	LOW	Q16	20.40	20.50	20.40	22.00
10	1	LOW	64QAM	20.22	20.97	20.75	22.00
		MID	64QAM	20.12	20.68	20.79	22.00
		HIGH	64QAM	20.26	20.81	20.41	22.00
	25	LOW	64QAM	19.37	19.30	19.34	21.00
		MID	64QAM	19.72	19.58	19.40	21.00
		HIGH	64QAM	19.37	19.44	19.50	21.00
	50	LOW	64QAM	19.22	19.41	19.47	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	22.62	22.11	22.22	24.00
		MID	QPSK	22.57	22.14	22.34	24.00
		HIGH	QPSK	22.46	22.05	22.19	24.00
	36	LOW	QPSK	21.44	21.32	21.25	23.00
		MID	QPSK	21.27	21.41	21.46	23.00
		HIGH	QPSK	21.33	21.46	21.15	23.00
	75	LOW	QPSK	21.37	21.55	21.29	23.00
15	1	LOW	Q16	21.35	21.59	21.82	23.00
		MID	Q16	21.36	21.55	21.46	23.00
		HIGH	Q16	21.16	21.66	21.37	23.00
	36	LOW	Q16	20.30	20.44	20.21	22.00
		MID	Q16	20.29	20.52	20.27	22.00
		HIGH	Q16	20.33	20.54	20.34	22.00
	75	LOW	Q16	20.38	20.32	20.57	22.00
15	1	LOW	64QAM	20.31	20.67	20.55	22.00
		MID	64QAM	20.29	20.53	20.74	22.00
		HIGH	64QAM	20.06	20.37	20.39	22.00
	36	LOW	64QAM	19.59	19.41	19.41	21.00
		MID	64QAM	19.34	19.26	19.39	21.00
		HIGH	64QAM	19.15	19.20	19.19	21.00
	75	LOW	64QAM	19.41	19.39	19.38	21.00

8.2.9 LTE Band30 Output Power

LTE B30					
Bandwidth (MHz)	RB Size	RB offset	Modulation	27710	Tune-up power(dBm)
5	1	LOW	QPSK	19.86	21.50
		MID	QPSK	19.95	21.50
		HIGH	QPSK	19.83	21.50
	12	LOW	QPSK	19.85	21.50
		MID	QPSK	20.16	21.50
		HIGH	QPSK	20.09	21.50
	25	LOW	QPSK	19.73	21.50
5	1	LOW	Q16	20.21	21.50
		MID	Q16	19.89	21.50
		HIGH	Q16	20.11	21.50
	12	LOW	Q16	20.10	21.50
		MID	Q16	19.99	21.50
		HIGH	Q16	20.04	21.50
	25	LOW	Q16	19.74	21.50
5	1	LOW	64QAM	19.74	21.50
		MID	64QAM	19.70	21.50
		HIGH	64QAM	19.58	21.50
	12	LOW	64QAM	19.21	21.00
		MID	64QAM	19.12	21.00
		HIGH	64QAM	19.40	21.00
	25	LOW	64QAM	19.33	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27710	Tune-up power(dBm)
10	1	LOW	QPSK	20.06	21.50
		MID	QPSK	19.55	21.50
		HIGH	QPSK	20.02	21.50
	25	LOW	QPSK	19.93	21.50
		MID	QPSK	20.03	21.50
		HIGH	QPSK	19.84	21.50
	50	LOW	QPSK	19.84	21.50
10	1	LOW	Q16	19.90	21.50
		MID	Q16	20.02	21.50
		HIGH	Q16	19.57	21.50
	25	LOW	Q16	19.96	21.50
		MID	Q16	19.98	21.50
		HIGH	Q16	19.64	21.50
	50	LOW	Q16	19.79	21.50
10	1	LOW	64QAM	20.05	21.50
		MID	64QAM	19.66	21.50
		HIGH	64QAM	19.56	21.50
	25	LOW	64QAM	19.33	21.00
		MID	64QAM	19.37	21.00
		HIGH	64QAM	19.19	21.00
	50	LOW	64QAM	19.39	21.00

8.2.10 LTE Band66 Output Power

LTE B66							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.41	18.29	18.38	19.50
		MID	QPSK	18.49	18.27	18.18	19.50
		HIGH	QPSK	18.49	18.26	18.27	19.50
	3	LOW	QPSK	18.45	18.47	18.52	19.50
		MID	QPSK	18.43	18.48	18.53	19.50
		HIGH	QPSK	18.67	18.24	18.30	19.50
1.4	6	LOW	QPSK	18.65	18.39	18.33	19.50
	1	LOW	Q16	18.28	18.65	18.67	19.50
		MID	Q16	18.29	18.58	18.84	19.50
		HIGH	Q16	18.05	18.72	18.41	19.50
	3	LOW	Q16	18.37	18.50	18.45	19.50
		MID	Q16	18.45	18.48	18.35	19.50
1.4	6	LOW	Q16	18.37	18.57	18.45	19.50
	1	LOW	64QAM	18.22	19.00	18.78	19.50
		MID	64QAM	18.17	18.72	18.76	19.50
		HIGH	64QAM	18.30	18.76	18.42	19.50
	3	LOW	64QAM	18.43	18.38	18.31	19.50
		MID	64QAM	18.79	18.53	18.42	19.50
1.4	6	LOW	64QAM	18.39	18.50	18.54	19.50
		HIGH	64QAM	18.39	18.50	18.54	19.50
		LOW	64QAM	18.26	18.39	18.52	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	18.17	18.38	18.87	19.50
		MID	QPSK	18.07	18.20	18.00	19.50
		HIGH	QPSK	18.13	18.05	18.19	19.50
	8	LOW	QPSK	18.31	18.25	18.24	19.50
		MID	QPSK	18.13	18.33	18.27	19.50
		HIGH	QPSK	18.22	18.18	18.16	19.50
3	15	LOW	QPSK	18.12	18.21	18.26	19.50
	1	LOW	Q16	18.83	18.47	18.40	19.50
		MID	Q16	18.19	18.37	18.20	19.50
		HIGH	Q16	18.55	18.05	18.12	19.50
	8	LOW	Q16	18.22	18.01	18.26	19.50
		MID	Q16	18.10	18.42	18.24	19.50
3	15	LOW	Q16	18.08	18.14	18.20	19.50
		LOW	Q16	18.14	18.15	18.23	19.50
		MID	64QAM	18.37	18.41	18.35	19.50
	1	MID	64QAM	18.04	18.10	18.03	19.50
		HIGH	64QAM	18.50	18.24	18.31	19.50
		LOW	64QAM	18.23	18.25	18.09	19.50
3	8	MID	64QAM	18.13	18.29	18.07	19.50
		HIGH	64QAM	18.15	18.25	18.18	19.50
		LOW	64QAM	18.07	18.13	18.11	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	18.08	18.35	18.06	19.50
		MID	QPSK	18.22	18.29	18.08	19.50
		HIGH	QPSK	18.14	18.27	18.23	19.50
	36	LOW	QPSK	18.16	18.33	18.02	19.50
		MID	QPSK	18.12	18.01	17.97	19.50
		HIGH	QPSK	18.18	18.00	18.04	19.50
5	75	LOW	QPSK	18.06	18.34	18.12	19.50
	1	LOW	Q16	19.36	18.37	18.26	19.50
		MID	Q16	18.16	18.11	18.09	19.50
		HIGH	Q16	18.15	18.11	18.25	19.50
	36	LOW	Q16	18.07	18.17	18.13	19.50
		MID	Q16	18.08	18.15	18.08	19.50
5	75	HIGH	Q16	18.21	18.25	18.23	19.50
		LOW	Q16	18.14	18.29	18.12	19.50
	1	LOW	64QAM	18.39	18.37	18.95	19.50
		MID	64QAM	18.21	18.11	18.17	19.50
		HIGH	64QAM	18.05	18.43	18.74	19.50
	36	LOW	64QAM	18.06	18.19	18.23	19.50
5	75	MID	64QAM	18.25	18.14	18.09	19.50
		HIGH	64QAM	18.01	18.23	18.22	19.50
		LOW	64QAM	18.30	18.16	18.19	19.50

LTE B66							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	18.04	18.30	18.11	19.50
		MID	QPSK	18.10	18.23	18.16	19.50
		HIGH	QPSK	18.06	18.04	18.38	19.50
	50	LOW	QPSK	18.09	18.27	18.20	19.50
		MID	QPSK	18.05	18.09	18.12	19.50
		HIGH	QPSK	18.07	18.13	18.16	19.50
	100	LOW	QPSK	18.14	18.08	18.20	19.50
10	1	LOW	Q16	18.62	18.06	18.74	19.50
		MID	Q16	18.22	17.98	18.35	19.50
		HIGH	Q16	18.44	18.22	18.25	19.50
	50	LOW	Q16	18.18	17.96	18.32	19.50
		MID	Q16	18.25	18.14	18.15	19.50
		HIGH	Q16	18.00	18.17	18.16	19.50
	100	LOW	Q16	18.10	18.15	18.06	19.50
10	1	LOW	64QAM	18.74	18.34	18.94	19.50
		MID	64QAM	18.31	18.09	18.16	19.50
		HIGH	64QAM	18.32	18.10	18.53	19.50
	50	LOW	64QAM	18.27	18.02	18.27	19.50
		MID	64QAM	18.25	18.25	18.24	19.50
		HIGH	64QAM	18.10	18.04	18.18	19.50
	100	LOW	64QAM	18.17	18.13	18.09	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	18.11	18.15	18.39	19.50
		MID	QPSK	18.12	18.17	18.05	19.50
		HIGH	QPSK	18.16	18.14	18.13	19.50
	36	LOW	QPSK	18.15	18.13	18.06	19.50
		MID	QPSK	18.18	18.08	18.14	19.50
		HIGH	QPSK	18.28	18.43	18.20	19.50
	75	LOW	QPSK	18.06	18.27	17.99	19.50
15	1	LOW	Q16	18.52	18.61	18.66	19.50
		MID	Q16	18.13	18.29	18.19	19.50
		HIGH	Q16	18.43	18.12	18.36	19.50
	36	LOW	Q16	18.25	18.18	18.12	19.50
		MID	Q16	18.08	18.18	18.07	19.50
		HIGH	Q16	18.11	18.07	18.05	19.50
	75	LOW	Q16	18.01	18.20	18.11	19.50
15	1	LOW	64QAM	18.55	18.75	19.01	19.50
		MID	64QAM	18.42	18.35	18.07	19.50
		HIGH	64QAM	18.36	18.19	18.41	19.50
	36	LOW	64QAM	18.10	18.01	18.13	19.50
		MID	64QAM	18.27	18.22	18.13	19.50
		HIGH	64QAM	18.21	18.05	18.09	19.50
	75	LOW	64QAM	18.25	18.05	18.03	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	18.07	18.15	18.05	19.50
		MID	QPSK	18.01	17.99	18.16	19.50
		HIGH	QPSK	18.12	18.20	18.12	19.50
	50	LOW	QPSK	18.13	18.33	18.09	19.50
		MID	QPSK	18.03	18.22	18.12	19.50
		HIGH	QPSK	18.19	18.07	18.04	19.50
	100	LOW	QPSK	18.27	18.09	18.14	19.50
20	1	LOW	Q16	18.55	18.43	18.61	19.50
		MID	Q16	18.16	18.06	18.21	19.50
		HIGH	Q16	18.02	18.27	18.36	19.50
	50	LOW	Q16	18.18	17.99	18.01	19.50
		MID	Q16	18.28	18.26	18.12	19.50
		HIGH	Q16	18.17	18.19	18.14	19.50
	100	LOW	Q16	18.21	18.29	18.34	19.50
20	1	LOW	64QAM	18.69	18.24	18.82	19.50
		MID	64QAM	18.09	18.02	18.13	19.50
		HIGH	64QAM	18.52	18.18	18.58	19.50
	50	LOW	64QAM	18.22	18.12	18.29	19.50
		MID	64QAM	18.12	18.12	18.08	19.50
		HIGH	64QAM	18.08	18.09	18.09	19.50
	100	LOW	64QAM	18.09	18.15	18.09	19.50