

8 CONDUCTED RF OUTPUT POWER

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8.1 GSM Output Power

GSM-Full Power-Ant.1&2									
GSM850 Band Channel	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	28.63	28.77	28.78	29.00	9.19	19.44	19.58	19.59	19.81
GPRS (GMSK, 1-Slot)	28.80	28.82	28.65	29.00	9.19	19.61	19.63	19.46	19.81
GPRS (GMSK, 2-Slots)	28.76	28.88	28.50	29.00	6.13	22.63	22.75	22.37	22.87
GPRS (GMSK, 3-Slots)	23.59	23.48	23.36	24.00	4.42	19.17	19.06	18.94	19.58
GPRS (GMSK, 4-Slots)	22.46	22.33	22.22	23.00	3.18	19.28	19.15	19.04	19.82
EGPRS (8PSK, 1-Slot)	26.59	26.51	26.31	27.00	9.19	17.40	17.32	17.12	17.81
EGPRS (8PSK, 2-Slots)	19.95	19.82	19.70	20.00	6.13	13.82	13.69	13.57	13.87
EGPRS (8PSK, 3-Slots)	17.48	17.40	17.23	18.00	4.42	13.06	12.98	12.81	13.58
EGPRS (8PSK, 4-Slots)	15.81	15.64	15.96	16.00	3.18	12.63	12.46	12.78	12.82
GSM1900 Band Channel	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	25.79	25.63	25.73	26.00	9.19	16.60	16.44	16.54	16.81
GPRS (GMSK, 1-Slot)	25.66	25.58	25.69	26.00	9.19	16.47	16.39	16.50	16.81
GPRS (GMSK, 2-Slots)	25.62	25.44	25.68	26.00	6.13	19.49	19.31	19.55	19.87
GPRS (GMSK, 3-Slots)	23.28	23.09	23.21	23.50	4.42	18.86	18.67	18.79	19.08
GPRS (GMSK, 4-Slots)	19.36	19.18	19.29	19.50	3.18	16.18	16.00	16.11	16.32
EGPRS (8PSK, 1-Slot)	27.07	26.70	27.05	28.00	9.19	17.88	17.51	17.86	18.81
EGPRS (8PSK, 2-Slots)	18.04	18.18	18.53	19.00	6.13	11.91	12.05	12.40	12.87
EGPRS (8PSK, 3-Slots)	15.69	15.81	15.88	16.00	4.42	11.27	11.39	11.46	11.58
EGPRS (8PSK, 4-Slots)	14.31	14.44	14.71	15.00	3.18	11.13	11.26	11.53	11.82

8.1 GSM Output Power

GSM-Full Power-Ant.0									
GSM850 Band Channel	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	27.73	27.59	27.37	28.00	9.19	18.54	18.40	18.18	18.81
GPRS (GMSK, 1-Slot)	27.61	27.45	27.22	28.00	9.19	18.42	18.26	18.03	18.81
GPRS (GMSK, 2-Slots)	27.11	27.23	27.04	28.00	6.13	20.98	21.10	20.91	21.87
GPRS (GMSK, 3-Slots)	22.18	22.01	21.82	23.00	4.42	17.76	17.59	17.40	18.58
GPRS (GMSK, 4-Slots)	21.03	20.84	20.67	22.00	3.18	17.85	17.66	17.49	18.82
EGPRS (8PSK, 1-Slot)	25.14	25.03	24.72	26.00	9.19	15.95	15.84	15.53	16.81
EGPRS (8PSK, 2-Slots)	18.42	18.17	18.04	19.00	6.13	12.29	12.04	11.91	12.87
EGPRS (8PSK, 3-Slots)	16.05	15.87	15.69	17.00	4.42	11.63	11.45	11.27	12.58
EGPRS (8PSK, 4-Slots)	14.60	14.53	14.35	15.00	3.18	11.42	11.35	11.17	11.82
GSM1900 Band Channel	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	24.62	24.50	24.65	25.00	9.19	15.43	15.31	15.46	15.81
GPRS (GMSK, 1-Slot)	24.63	24.51	24.64	26.00	9.19	15.44	15.32	15.45	16.81
GPRS (GMSK, 2-Slots)	25.08	25.11	25.55	26.00	6.13	18.95	18.98	19.42	19.87
GPRS (GMSK, 3-Slots)	22.14	21.99	22.16	22.50	4.42	17.72	17.57	17.74	18.08
GPRS (GMSK, 4-Slots)	18.21	18.07	18.20	18.50	3.18	15.03	14.89	15.02	15.32
EGPRS (8PSK, 1-Slot)	25.86	25.81	26.00	27.00	9.19	16.67	16.62	16.81	17.81
EGPRS (8PSK, 2-Slots)	16.73	16.91	17.13	18.00	6.13	10.60	10.78	11.00	11.87
EGPRS (8PSK, 3-Slots)	14.52	14.54	14.82	15.00	4.42	10.10	10.12	10.40	10.58
EGPRS (8PSK, 4-Slots)	13.11	13.20	13.42	14.00	3.18	9.93	10.02	10.24	10.82

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.1&2				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.25	19.27	19.31	20.30
RMC 12.2Kbps	19.32	19.36	19.35	20.30
HSDPA Subtest-1	18.29	18.34	18.25	19.00
HSDPA Subtest-2	18.20	18.30	18.12	19.00
HSDPA Subtest-3	17.95	17.80	17.95	18.00
HSDPA Subtest-4	17.95	17.81	17.96	18.00
HSUPA Subtest-1	16.15	16.05	16.07	17.00
HSUPA Subtest-2	16.32	16.32	16.35	17.00
HSUPA Subtest-3	17.52	17.34	17.35	18.00
HSUPA Subtest-4	16.01	15.81	15.65	17.00
HSUPA Subtest-5	17.28	17.32	17.13	18.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.74	19.82	19.96	20.30
RMC 12.2Kbps	19.90	19.90	19.88	20.30
HSDPA Subtest-1	18.71	18.91	19.10	20.00
HSDPA Subtest-2	18.90	18.90	18.77	20.00
HSDPA Subtest-3	18.48	18.48	18.52	19.30
HSDPA Subtest-4	18.25	18.43	18.54	19.30
HSUPA Subtest-1	16.68	16.71	16.72	18.00
HSUPA Subtest-2	16.97	16.96	17.06	18.00
HSUPA Subtest-3	17.95	17.97	18.17	19.00
HSUPA Subtest-4	16.52	16.47	16.33	17.00
HSUPA Subtest-5	18.13	17.95	17.79	19.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	19.29	19.25	19.18	20.00
RMC 12.2Kbps	19.39	19.40	19.30	20.00
HSDPA Subtest-1	18.25	18.36	18.44	18.50
HSDPA Subtest-2	18.37	18.35	18.29	18.50
HSDPA Subtest-3	17.36	17.34	17.37	17.50
HSDPA Subtest-4	17.22	17.34	17.35	17.50
HSUPA Subtest-1	16.14	16.11	16.27	16.50
HSUPA Subtest-2	16.41	16.40	16.48	16.50
HSUPA Subtest-3	17.25	17.37	17.44	17.50
HSUPA Subtest-4	15.74	15.90	15.95	16.50
HSUPA Subtest-5	17.19	17.35	17.25	17.50

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	18.12	18.08	18.00	19.00
RMC 12.2Kbps	18.17	18.19	18.15	19.00
HSDPA Subtest-1	17.28	17.14	17.30	18.00
HSDPA Subtest-2	17.11	17.14	17.02	18.00
HSDPA Subtest-3	16.45	16.27	16.40	16.50
HSDPA Subtest-4	16.36	16.27	16.40	16.50
HSUPA Subtest-1	14.71	14.87	15.01	15.50
HSUPA Subtest-2	15.31	15.13	15.31	15.50
HSUPA Subtest-3	16.22	16.18	16.06	16.50
HSUPA Subtest-4	14.26	14.33	14.40	14.50
HSUPA Subtest-5	14.69	14.55	14.66	16.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	18.40	18.57	18.76	19.50
RMC 12.2Kbps	18.52	18.59	18.58	19.50
HSDPA Subtest-1	17.72	17.59	17.46	18.50
HSDPA Subtest-2	17.55	17.60	17.77	18.50
HSDPA Subtest-3	17.01	17.15	17.05	18.00
HSDPA Subtest-4	17.25	17.15	17.20	18.00
HSUPA Subtest-1	15.42	15.35	15.46	17.00
HSUPA Subtest-2	15.57	15.63	15.51	17.00
HSUPA Subtest-3	16.67	16.65	16.73	18.00
HSUPA Subtest-4	15.34	15.17	15.28	16.00
HSUPA Subtest-5	16.68	16.63	16.68	18.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	18.08	18.11	17.87	19.00
RMC 12.2Kbps	18.20	18.12	17.99	19.00
HSDPA Subtest-1	16.94	17.12	17.07	18.00
HSDPA Subtest-2	16.96	17.12	17.12	18.00
HSDPA Subtest-3	16.67	16.65	16.80	18.00
HSDPA Subtest-4	16.59	16.61	16.54	18.00
HSUPA Subtest-1	14.72	14.85	14.72	16.00
HSUPA Subtest-2	15.15	15.14	15.33	16.00
HSUPA Subtest-3	16.33	16.14	16.21	17.00
HSUPA Subtest-4	14.78	14.64	14.75	16.00
HSUPA Subtest-5	16.13	16.06	16.14	17.00

8.3.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)	
1.4	1	LOW	QPSK	20.10	19.98	19.94	20.80	
		MID	QPSK	20.12	20.12	20.28	20.80	
		HIGH	QPSK	20.07	20.02	19.96	20.80	
	3	LOW	QPSK	19.83	20.12	19.73	20.80	
		MID	QPSK	20.27	20.08	20.12	20.80	
		HIGH	QPSK	20.13	20.08	20.14	20.80	
	6	LOW	QPSK	19.26	19.09	18.95	19.80	
	1.4	1	LOW	Q16	19.58	19.45	19.37	19.80
			MID	Q16	19.74	19.73	19.78	19.80
HIGH			Q16	19.49	19.53	19.59	19.80	
3		LOW	Q16	19.37	19.11	19.45	19.80	
		MID	Q16	19.79	19.51	19.59	19.80	
		HIGH	Q16	19.65	19.50	19.58	19.80	
6		LOW	Q16	18.20	18.00	18.20	18.80	
1.4		1	LOW	64QAM	18.69	18.35	18.45	18.80
			MID	64QAM	18.54	18.64	18.64	18.80
	HIGH		64QAM	18.57	18.56	18.67	18.80	
	3	LOW	64QAM	18.32	18.20	18.43	18.80	
		MID	64QAM	18.64	18.38	18.73	18.80	
		HIGH	64QAM	18.63	18.39	18.49	18.80	
	6	LOW	64QAM	17.11	16.87	17.32	17.80	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	19.91	20.09	19.78	20.80
MID			QPSK	20.19	20.34	20.06	20.80	
HIGH			QPSK	20.22	20.08	19.91	20.80	
8		LOW	QPSK	19.15	19.12	19.01	19.80	
		MID	QPSK	19.16	19.32	19.26	19.80	
		HIGH	QPSK	19.22	18.96	19.16	19.80	
15		LOW	QPSK	19.19	18.99	19.17	19.80	
3		1	LOW	Q16	19.41	19.56	19.43	19.80
			MID	Q16	19.65	19.63	19.72	19.80
	HIGH		Q16	19.64	19.61	19.62	19.80	
	8	LOW	Q16	17.96	18.11	18.00	18.80	
		MID	Q16	18.26	18.13	18.12	18.80	
		HIGH	Q16	18.39	18.09	18.19	18.80	
	15	LOW	Q16	18.14	18.16	18.13	18.80	
	3	1	LOW	64QAM	18.48	18.60	18.33	18.80
			MID	64QAM	18.65	18.29	18.67	18.80
HIGH			64QAM	18.66	18.39	18.19	18.80	
8		LOW	64QAM	17.11	17.28	17.06	17.80	
		MID	64QAM	17.29	17.05	17.22	17.80	
		HIGH	64QAM	17.33	17.01	16.95	17.80	
15		LOW	64QAM	17.16	17.21	17.13	17.80	
Bandwidth (MHz)		RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	19.91	19.92	19.76	20.80
	MID		QPSK	20.31	20.15	20.11	20.80	
	HIGH		QPSK	20.00	20.13	20.05	20.80	
	12	LOW	QPSK	19.06	19.18	18.99	19.80	
		MID	QPSK	19.13	19.15	19.26	19.80	
		HIGH	QPSK	19.33	19.13	19.21	19.80	
	25	LOW	QPSK	19.27	19.13	19.08	19.80	
	5	1	LOW	Q16	19.44	19.56	19.40	19.80
			MID	Q16	19.69	19.48	19.75	19.80
HIGH			Q16	19.64	19.44	19.57	19.80	
12		LOW	Q16	18.22	18.08	17.98	18.80	
		MID	Q16	18.29	18.25	18.16	18.80	
		HIGH	Q16	18.43	17.94	18.20	18.80	
25		LOW	Q16	18.06	18.23	18.08	18.80	
5		1	LOW	64QAM	18.45	18.62	18.21	18.80
			MID	64QAM	18.62	18.55	18.74	18.80
	HIGH		64QAM	18.68	18.50	18.53	18.80	
	12	LOW	64QAM	17.13	17.19	16.94	17.80	
		MID	64QAM	17.38	17.19	17.21	17.80	
		HIGH	64QAM	17.17	17.12	17.18	17.80	
	25	LOW	64QAM	17.29	17.12	17.13	17.80	

LTE B2-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)	
10	1	LOW	QPSK	19.87	19.94	19.91	20.80	
		MID	QPSK	20.17	20.34	20.24	20.80	
		HIGH	QPSK	20.24	19.95	20.11	20.80	
	25	LOW	QPSK	18.98	19.22	18.93	19.80	
		MID	QPSK	19.11	19.15	19.11	19.80	
		HIGH	QPSK	19.24	19.01	19.21	19.80	
	50	LOW	QPSK	19.17	19.15	19.19	19.80	
	10	1	LOW	Q16	19.46	19.54	19.20	19.80
			MID	Q16	19.68	19.50	19.59	19.80
HIGH			Q16	19.48	19.46	19.51	19.80	
25		LOW	Q16	18.26	18.15	17.85	18.80	
		MID	Q16	18.24	18.34	18.14	18.80	
		HIGH	Q16	18.33	18.08	18.11	18.80	
50		LOW	Q16	18.24	18.14	18.13	18.80	
10		1	LOW	64QAM	18.38	18.54	18.22	18.80
			MID	64QAM	18.69	18.26	18.78	18.80
	HIGH		64QAM	18.61	18.61	18.43	18.80	
	25	LOW	64QAM	17.28	17.38	16.86	17.80	
		MID	64QAM	17.23	16.95	17.14	17.80	
		HIGH	64QAM	17.45	17.04	17.01	17.80	
	50	LOW	64QAM	17.42	16.99	17.16	17.80	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	20.00	20.13	19.91	20.80
MID			QPSK	20.09	20.13	20.25	20.80	
HIGH			QPSK	20.28	19.90	19.92	20.80	
36		LOW	QPSK	19.03	19.19	18.98	19.80	
		MID	QPSK	19.09	19.28	19.21	19.80	
		HIGH	QPSK	19.18	19.15	19.03	19.80	
75		LOW	QPSK	19.15	19.14	19.06	19.80	
15		1	LOW	Q16	19.59	19.63	19.25	19.80
			MID	Q16	19.72	19.71	19.65	19.80
	HIGH		Q16	19.50	19.67	19.68	19.80	
	36	LOW	Q16	18.21	18.26	17.87	18.80	
		MID	Q16	18.27	18.18	18.15	18.80	
		HIGH	Q16	18.46	18.23	18.01	18.80	
	75	LOW	Q16	18.09	18.02	17.92	18.80	
	15	1	LOW	64QAM	18.50	18.73	18.23	18.80
			MID	64QAM	18.72	18.42	18.78	18.80
HIGH			64QAM	18.48	18.56	18.45	18.80	
36		LOW	64QAM	17.21	17.27	16.93	17.80	
		MID	64QAM	17.20	17.16	17.09	17.80	
		HIGH	64QAM	17.22	16.90	17.01	17.80	
75		LOW	64QAM	17.20	17.04	17.16	17.80	
Bandwidth (MHz)		RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	19.95	20.07	19.87	20.80
	MID		QPSK	20.21	20.21	20.21	20.80	
	HIGH		QPSK	20.13	20.05	20.05	20.80	
	50	LOW	QPSK	19.08	19.19	19.02	19.80	
		MID	QPSK	19.22	19.23	19.22	19.80	
		HIGH	QPSK	19.31	19.08	19.16	19.80	
	100	LOW	QPSK	19.14	19.11	19.07	19.80	
	20	1	LOW	Q16	19.48	19.59	19.33	19.80
			MID	Q16	19.77	19.63	19.66	19.80
HIGH			Q16	19.63	19.53	19.56	19.80	
50		LOW	Q16	18.11	18.22	18.00	18.80	
		MID	Q16	18.23	18.23	18.19	18.80	
		HIGH	Q16	18.34	18.08	18.12	18.80	
100		LOW	Q16	18.16	18.10	18.07	18.80	
20		1	LOW	64QAM	18.51	18.64	18.31	18.80
			MID	64QAM	18.73	18.41	18.61	18.80
	HIGH		64QAM	18.63	18.53	18.50	18.80	
	50	LOW	64QAM	17.19	17.27	16.96	17.80	
		MID	64QAM	17.35	17.08	17.10	17.80	
		HIGH	64QAM	17.30	16.98	17.09	17.80	
	100	LOW	64QAM	17.29	17.12	17.19	17.80	

8.3.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)	
1.4	1	LOW	QPSK	18.78	18.93	18.74	19.50	
		MID	QPSK	19.14	19.03	19.11	19.50	
		HIGH	QPSK	18.84	18.92	18.80	19.50	
	3	LOW	QPSK	18.82	18.91	18.69	19.50	
		MID	QPSK	18.98	19.13	19.08	19.50	
		HIGH	QPSK	18.89	18.83	18.72	19.50	
	6	LOW	QPSK	17.84	18.07	18.02	18.50	
	1.4	1	LOW	Q16	18.25	18.43	18.05	18.50
			MID	Q16	18.18	18.33	18.20	18.50
HIGH			Q16	18.43	18.12	18.34	18.50	
3		LOW	Q16	18.44	17.88	18.32	18.50	
		MID	Q16	18.48	18.27	18.45	18.50	
		HIGH	Q16	18.14	18.26	18.34	18.50	
6		LOW	Q16	16.95	16.79	17.02	17.50	
1.4		1	LOW	64QAM	17.36	17.34	17.09	17.50
			MID	64QAM	17.45	17.29	17.48	17.50
	HIGH		64QAM	17.48	17.12	17.44	17.50	
	3	LOW	64QAM	17.17	16.99	17.18	17.50	
		MID	64QAM	17.20	17.38	17.50	17.50	
		HIGH	64QAM	17.15	17.22	17.39	17.50	
	6	LOW	64QAM	15.87	15.68	15.98	16.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	18.82	18.81	18.58	19.50
MID			QPSK	19.00	19.29	18.96	19.50	
HIGH			QPSK	18.80	19.01	18.87	19.50	
8		LOW	QPSK	17.80	17.92	17.77	18.50	
		MID	QPSK	18.08	17.97	18.12	18.50	
		HIGH	QPSK	18.26	17.71	17.83	18.50	
15		LOW	QPSK	17.88	18.00	17.89	18.50	
3		1	LOW	Q16	18.28	18.13	18.12	18.50
			MID	Q16	18.43	18.39	18.15	18.50
	HIGH		Q16	18.12	18.25	18.36	18.50	
	8	LOW	Q16	17.07	16.91	16.93	17.50	
		MID	Q16	16.97	17.10	16.92	17.50	
		HIGH	Q16	17.27	16.97	17.06	17.50	
	15	LOW	Q16	16.90	16.89	16.87	17.50	
	3	1	LOW	64QAM	17.26	17.15	17.19	17.50
			MID	64QAM	17.17	17.48	17.42	17.50
HIGH			64QAM	17.41	17.45	17.15	17.50	
8		LOW	64QAM	15.87	16.21	15.78	16.50	
		MID	64QAM	15.91	16.09	15.93	16.50	
		HIGH	64QAM	16.25	15.67	15.93	16.50	
15		LOW	64QAM	15.91	15.91	16.06	16.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	18.65	18.98	18.71	19.50
	MID		QPSK	19.15	19.19	18.86	19.50	
	HIGH		QPSK	19.03	18.86	18.84	19.50	
	12	LOW	QPSK	17.73	18.01	17.98	18.50	
		MID	QPSK	18.12	17.91	17.89	18.50	
		HIGH	QPSK	18.24	17.85	18.08	18.50	
	25	LOW	QPSK	18.06	17.88	17.85	18.50	
	5	1	LOW	Q16	18.36	18.39	18.25	18.50
			MID	Q16	18.27	18.33	18.19	18.50
HIGH			Q16	18.46	18.41	18.20	18.50	
12		LOW	Q16	17.07	16.94	16.66	17.50	
		MID	Q16	17.16	17.02	16.86	17.50	
		HIGH	Q16	17.11	16.77	16.99	17.50	
25		LOW	Q16	17.00	16.75	16.87	17.50	
5		1	LOW	64QAM	17.30	17.47	17.27	17.50
			MID	64QAM	17.38	17.20	17.20	17.50
	HIGH		64QAM	17.25	17.32	17.37	17.50	
	12	LOW	64QAM	15.85	16.01	16.02	16.50	
		MID	64QAM	15.96	16.00	15.89	16.50	
		HIGH	64QAM	16.08	15.81	16.17	16.50	
	25	LOW	64QAM	15.79	15.90	16.00	16.50	

LTE B2-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)	
10	1	LOW	QPSK	18.70	18.86	18.64	19.50	
		MID	QPSK	18.99	19.21	19.02	19.50	
		HIGH	QPSK	18.83	18.78	18.82	19.50	
	25	LOW	QPSK	18.01	17.92	17.82	18.50	
		MID	QPSK	18.08	18.20	17.96	18.50	
		HIGH	QPSK	18.06	17.89	18.11	18.50	
	50	LOW	QPSK	18.10	17.96	17.86	18.50	
	10	1	LOW	Q16	18.27	18.34	18.08	18.50
			MID	Q16	18.42	18.16	18.17	18.50
HIGH			Q16	18.18	18.38	18.26	18.50	
25		LOW	Q16	16.84	16.88	16.84	17.50	
		MID	Q16	16.98	17.01	17.07	17.50	
		HIGH	Q16	17.32	16.99	16.83	17.50	
50		LOW	Q16	17.15	16.98	16.95	17.50	
10		1	LOW	64QAM	17.24	17.33	17.28	17.50
			MID	64QAM	17.28	17.33	17.44	17.50
	HIGH		64QAM	17.12	17.35	17.12	17.50	
	25	LOW	64QAM	15.72	16.23	15.95	16.50	
		MID	64QAM	15.86	16.01	16.02	16.50	
		HIGH	64QAM	16.24	15.75	16.04	16.50	
	50	LOW	64QAM	15.91	15.99	15.90	16.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	18.70	18.82	18.77	19.50
MID			QPSK	19.01	19.30	19.02	19.50	
HIGH			QPSK	18.81	18.99	18.77	19.50	
36		LOW	QPSK	18.00	18.08	17.76	18.50	
		MID	QPSK	17.91	18.08	18.09	18.50	
		HIGH	QPSK	18.19	17.97	18.06	18.50	
75		LOW	QPSK	17.89	17.91	17.76	18.50	
15		1	LOW	Q16	18.31	18.42	18.31	18.50
			MID	Q16	18.11	18.16	18.47	18.50
	HIGH		Q16	18.18	18.37	18.39	18.50	
	36	LOW	Q16	16.80	17.00	16.74	17.50	
		MID	Q16	16.99	17.05	17.10	17.50	
		HIGH	Q16	17.05	16.71	17.07	17.50	
	75	LOW	Q16	17.02	16.87	16.98	17.50	
	15	1	LOW	64QAM	17.16	17.36	17.28	17.50
			MID	64QAM	17.31	17.36	17.12	17.50
HIGH			64QAM	17.20	17.43	17.28	17.50	
36		LOW	64QAM	15.69	16.07	15.78	16.50	
		MID	64QAM	16.04	15.93	16.12	16.50	
		HIGH	64QAM	16.16	15.85	16.17	16.50	
75		LOW	64QAM	15.94	15.86	15.96	16.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	18.80	18.90	18.70	19.50
	MID		QPSK	19.05	19.15	18.98	19.50	
	HIGH		QPSK	18.95	18.87	18.86	19.50	
	50	LOW	QPSK	17.88	18.04	17.84	18.50	
		MID	QPSK	18.02	18.05	18.03	18.50	
		HIGH	QPSK	18.10	17.85	17.97	18.50	
	100	LOW	QPSK	17.99	17.94	17.87	18.50	
	20	1	LOW	Q16	18.30	18.38	18.17	18.50
			MID	Q16	18.15	18.27	18.50	18.50
HIGH			Q16	18.45	18.38	18.31	18.50	
50		LOW	Q16	16.93	17.02	16.78	17.50	
		MID	Q16	17.07	17.06	16.99	17.50	
		HIGH	Q16	17.18	16.86	16.95	17.50	
100		LOW	Q16	17.03	16.89	16.87	17.50	
20		1	LOW	64QAM	17.29	17.45	17.17	17.50
			MID	64QAM	17.26	17.35	17.15	17.50
	HIGH		64QAM	17.12	17.39	17.26	17.50	
	50	LOW	64QAM	15.82	16.09	15.89	16.50	
		MID	64QAM	15.97	15.98	15.98	16.50	
		HIGH	64QAM	16.22	15.81	16.06	16.50	
	100	LOW	64QAM	15.93	15.89	15.98	16.50	

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)	
1.4	1	LOW	QPSK	19.86	20.04	20.02	21.50	
		MID	QPSK	20.20	20.07	20.18	21.50	
		HIGH	QPSK	20.10	20.31	20.40	21.50	
	3	LOW	QPSK	19.92	20.09	19.80	21.50	
		MID	QPSK	20.17	20.06	20.17	21.50	
		HIGH	QPSK	19.99	20.16	20.35	21.50	
	6	LOW	QPSK	19.00	19.08	19.32	20.50	
	1.4	1	LOW	Q16	19.30	19.42	19.26	20.50
			MID	Q16	19.25	19.28	19.40	20.50
HIGH			Q16	19.22	19.25	19.25	20.50	
3		LOW	Q16	19.40	19.02	19.46	20.50	
		MID	Q16	19.27	19.17	19.25	20.50	
		HIGH	Q16	19.46	19.46	19.25	20.50	
6		LOW	Q16	17.99	17.97	18.12	19.50	
1.4		1	LOW	64QAM	18.20	18.50	18.31	19.50
			MID	64QAM	18.16	18.21	18.47	19.50
	HIGH		64QAM	18.37	18.39	18.34	19.50	
	3	LOW	64QAM	18.11	18.05	18.47	19.50	
		MID	64QAM	18.18	18.26	18.21	19.50	
		HIGH	64QAM	18.42	18.34	18.35	19.50	
	6	LOW	64QAM	17.09	16.94	17.23	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
	3	1	LOW	QPSK	19.88	19.99	20.02	21.50
MID			QPSK	20.06	20.06	20.25	21.50	
HIGH			QPSK	20.06	20.08	20.40	21.50	
8		LOW	QPSK	19.05	18.92	19.17	20.50	
		MID	QPSK	19.11	19.16	19.17	20.50	
		HIGH	QPSK	19.17	19.12	19.25	20.50	
15		LOW	QPSK	18.89	19.23	19.25	20.50	
3		1	LOW	Q16	19.14	19.40	19.22	20.50
			MID	Q16	19.35	19.35	19.20	20.50
	HIGH		Q16	19.42	19.27	19.20	20.50	
	8	LOW	Q16	18.05	17.98	18.04	19.50	
		MID	Q16	18.23	18.28	18.26	19.50	
		HIGH	Q16	18.23	18.08	18.36	19.50	
	15	LOW	Q16	18.03	18.09	18.24	19.50	
	3	1	LOW	64QAM	18.43	18.47	18.15	19.50
			MID	64QAM	18.24	18.10	18.15	19.50
HIGH			64QAM	18.31	18.37	18.34	19.50	
8		LOW	64QAM	17.21	17.23	17.18	18.50	
		MID	64QAM	17.31	17.34	17.17	18.50	
		HIGH	64QAM	17.28	17.14	17.21	18.50	
15		LOW	64QAM	17.32	17.06	17.23	18.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5		1	LOW	QPSK	19.86	19.84	19.80	21.50
	MID		QPSK	20.04	20.33	20.35	21.50	
	HIGH		QPSK	19.97	20.05	20.12	21.50	
	12	LOW	QPSK	18.99	19.13	19.07	20.50	
		MID	QPSK	19.23	19.00	19.18	20.50	
		HIGH	QPSK	19.13	19.34	19.22	20.50	
	25	LOW	QPSK	18.87	18.99	19.13	20.50	
	5	1	LOW	Q16	19.50	19.29	19.44	20.50
			MID	Q16	19.35	19.23	19.37	20.50
HIGH			Q16	19.14	19.18	19.24	20.50	
12		LOW	Q16	17.89	17.88	18.08	19.50	
		MID	Q16	18.00	18.25	18.34	19.50	
		HIGH	Q16	18.16	18.13	18.24	19.50	
25		LOW	Q16	18.12	17.99	18.11	19.50	
5		1	LOW	64QAM	18.37	18.21	18.26	19.50
			MID	64QAM	18.14	18.19	18.32	19.50
	HIGH		64QAM	18.39	18.29	18.40	19.50	
	12	LOW	64QAM	17.04	17.04	17.07	18.50	
		MID	64QAM	17.45	17.40	17.12	18.50	
		HIGH	64QAM	17.08	17.37	17.06	18.50	
	25	LOW	64QAM	17.32	16.92	17.29	18.50	

LTE B4-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)	
10	1	LOW	QPSK	20.02	19.94	19.89	21.50	
		MID	QPSK	20.05	20.25	20.20	21.50	
		HIGH	QPSK	19.84	20.20	20.35	21.50	
	25	LOW	QPSK	18.89	18.94	19.21	20.50	
		MID	QPSK	18.98	19.23	19.35	20.50	
		HIGH	QPSK	19.13	19.20	19.16	20.50	
	50	LOW	QPSK	18.99	18.97	19.19	20.50	
	10	1	LOW	Q16	19.32	19.50	19.40	20.50
			MID	Q16	19.41	19.22	19.42	20.50
HIGH			Q16	19.18	19.25	19.25	20.50	
25		LOW	Q16	17.94	18.13	18.04	19.50	
		MID	Q16	18.14	18.11	18.13	19.50	
		HIGH	Q16	18.15	18.13	18.27	19.50	
50		LOW	Q16	17.99	18.13	18.05	19.50	
10		1	LOW	64QAM	18.48	18.24	18.45	19.50
			MID	64QAM	18.29	18.31	18.09	19.50
	HIGH		64QAM	18.39	18.36	18.29	19.50	
	25	LOW	64QAM	16.92	17.06	17.31	18.50	
		MID	64QAM	17.44	17.31	17.27	18.50	
		HIGH	64QAM	17.01	17.26	17.20	18.50	
	50	LOW	64QAM	17.04	17.04	17.32	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
	15	1	LOW	QPSK	19.96	19.83	19.96	21.50
MID			QPSK	20.19	20.06	20.36	21.50	
HIGH			QPSK	20.08	20.08	20.34	21.50	
36		LOW	QPSK	18.91	18.92	19.11	20.50	
		MID	QPSK	19.01	19.13	19.23	20.50	
		HIGH	QPSK	19.12	19.21	19.24	20.50	
75		LOW	QPSK	18.88	19.16	19.10	20.50	
15		1	LOW	Q16	19.39	19.11	19.29	20.50
			MID	Q16	19.30	19.30	19.18	20.50
	HIGH		Q16	19.45	19.37	19.27	20.50	
	36	LOW	Q16	18.17	17.90	18.07	19.50	
		MID	Q16	18.19	18.02	18.31	19.50	
		HIGH	Q16	18.14	18.32	18.31	19.50	
	75	LOW	Q16	18.16	18.06	18.23	19.50	
	15	1	LOW	64QAM	18.12	18.17	18.11	19.50
			MID	64QAM	18.37	18.13	18.07	19.50
HIGH			64QAM	18.50	18.24	18.43	19.50	
36		LOW	64QAM	16.96	17.05	17.25	18.50	
		MID	64QAM	17.29	17.16	17.11	18.50	
		HIGH	64QAM	17.16	17.35	17.30	18.50	
75		LOW	64QAM	17.25	16.95	17.04	18.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20		1	LOW	QPSK	19.90	19.97	19.89	21.50
	MID		QPSK	20.15	20.21	20.23	21.50	
	HIGH		QPSK	19.98	20.16	20.26	21.50	
	50	LOW	QPSK	18.99	19.02	19.08	20.50	
		MID	QPSK	19.12	19.12	19.11	20.50	
		HIGH	QPSK	19.09	19.19	19.12	20.50	
	100	LOW	QPSK	19.01	19.10	19.18	20.50	
	20	1	LOW	Q16	19.42	19.44	19.35	20.50
			MID	Q16	19.30	19.31	19.29	20.50
HIGH			Q16	19.50	19.23	19.34	20.50	
50		LOW	Q16	18.03	18.03	18.09	19.50	
		MID	Q16	18.15	18.16	18.26	19.50	
		HIGH	Q16	18.13	18.23	18.29	19.50	
100		LOW	Q16	18.06	18.08	18.19	19.50	
20		1	LOW	64QAM	18.41	18.18	18.40	19.50
			MID	64QAM	18.24	18.17	18.20	19.50
	HIGH		64QAM	18.41	18.38	18.34	19.50	
	50	LOW	64QAM	17.06	17.08	17.22	18.50	
		MID	64QAM	17.30	17.31	17.24	18.50	
		HIGH	64QAM	17.15	17.26	17.18	18.50	
	100	LOW	64QAM	17.19	16.93	17.18	18.50	

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)	
1.4	1	LOW	QPSK	19.11	19.28	19.19	20.00	
		MID	QPSK	19.30	19.45	19.36	20.00	
		HIGH	QPSK	19.05	19.24	19.33	20.00	
	3	LOW	QPSK	18.93	19.20	19.16	20.00	
		MID	QPSK	19.25	19.50	19.51	20.00	
		HIGH	QPSK	19.26	19.42	19.59	20.00	
	6	LOW	QPSK	18.17	18.29	18.36	19.00	
	1.4	1	LOW	Q16	18.53	18.52	18.68	19.00
			MID	Q16	18.87	18.62	18.87	19.00
HIGH			Q16	18.62	18.81	18.94	19.00	
3		LOW	Q16	18.65	18.21	18.47	19.00	
		MID	Q16	18.78	18.75	18.75	19.00	
		HIGH	Q16	18.55	18.89	18.97	19.00	
6		LOW	Q16	17.25	17.27	17.48	18.00	
1.4		1	LOW	64QAM	17.59	17.55	17.59	18.00
			MID	64QAM	17.88	17.75	17.94	18.00
	HIGH		64QAM	17.53	17.80	17.68	18.00	
	3	LOW	64QAM	17.69	17.35	17.58	18.00	
		MID	64QAM	17.88	17.84	17.75	18.00	
		HIGH	64QAM	17.61	17.79	17.66	18.00	
	6	LOW	64QAM	16.33	16.31	16.49	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
	3	1	LOW	QPSK	19.03	19.21	19.18	20.00
MID			QPSK	19.39	19.53	19.56	20.00	
HIGH			QPSK	19.26	19.44	19.59	20.00	
8		LOW	QPSK	18.14	18.12	18.24	19.00	
		MID	QPSK	18.26	18.19	18.57	19.00	
		HIGH	QPSK	18.20	18.40	18.65	19.00	
15		LOW	QPSK	18.16	18.30	18.27	19.00	
3		1	LOW	Q16	18.68	18.51	18.55	19.00
			MID	Q16	18.81	18.82	18.89	19.00
	HIGH		Q16	18.58	18.83	18.82	19.00	
	8	LOW	Q16	16.99	17.33	17.15	18.00	
		MID	Q16	17.34	17.19	17.54	18.00	
		HIGH	Q16	17.35	17.34	17.42	18.00	
	15	LOW	Q16	17.25	17.31	17.50	18.00	
	3	1	LOW	64QAM	17.45	17.50	17.47	18.00
			MID	64QAM	17.86	17.84	17.66	18.00
HIGH			64QAM	17.76	17.94	17.89	18.00	
8		LOW	64QAM	16.27	16.17	16.48	17.00	
		MID	64QAM	16.34	16.33	16.52	17.00	
		HIGH	64QAM	16.34	16.13	16.60	17.00	
15		LOW	64QAM	16.26	16.37	16.48	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5		1	LOW	QPSK	18.96	19.10	19.17	20.00
	MID		QPSK	19.39	19.24	19.34	20.00	
	HIGH		QPSK	19.06	19.25	19.39	20.00	
	12	LOW	QPSK	17.93	18.19	18.36	19.00	
		MID	QPSK	18.30	18.28	18.55	19.00	
		HIGH	QPSK	18.19	18.34	18.52	19.00	
	25	LOW	QPSK	18.06	18.41	18.36	19.00	
	5	1	LOW	Q16	18.67	18.51	18.70	19.00
			MID	Q16	18.72	18.77	18.81	19.00
HIGH			Q16	18.62	18.79	18.89	19.00	
12		LOW	Q16	17.17	17.20	17.40	18.00	
		MID	Q16	17.38	17.23	17.37	18.00	
		HIGH	Q16	17.28	17.30	17.48	18.00	
25		LOW	Q16	17.36	17.31	17.26	18.00	
5		1	LOW	64QAM	17.51	17.33	17.37	18.00
			MID	64QAM	17.77	17.96	17.88	18.00
	HIGH		64QAM	17.61	17.83	17.88	18.00	
	12	LOW	64QAM	16.22	16.11	16.25	17.00	
		MID	64QAM	16.42	16.38	16.32	17.00	
		HIGH	64QAM	16.16	16.16	16.42	17.00	
	25	LOW	64QAM	16.02	16.32	16.51	17.00	

LTE B4-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)	
10	1	LOW	QPSK	19.10	19.02	18.98	20.00	
		MID	QPSK	19.20	19.36	19.48	20.00	
		HIGH	QPSK	19.06	19.32	19.48	20.00	
	25	LOW	QPSK	17.95	18.24	18.27	19.00	
		MID	QPSK	18.12	18.21	18.38	19.00	
		HIGH	QPSK	18.40	18.29	18.44	19.00	
	50	LOW	QPSK	18.12	18.17	18.44	19.00	
	10	1	LOW	Q16	18.51	18.64	18.63	19.00
			MID	Q16	18.87	18.77	18.61	19.00
HIGH			Q16	18.81	18.94	18.89	19.00	
25		LOW	Q16	17.10	17.28	17.39	18.00	
		MID	Q16	17.39	17.35	17.46	18.00	
		HIGH	Q16	17.30	17.40	17.47	18.00	
50		LOW	Q16	17.32	17.15	17.29	18.00	
10		1	LOW	64QAM	17.46	17.40	17.31	18.00
			MID	64QAM	17.63	18.00	17.70	18.00
	HIGH		64QAM	17.48	17.94	17.78	18.00	
	25	LOW	64QAM	16.13	16.29	16.23	17.00	
		MID	64QAM	16.31	16.11	16.28	17.00	
		HIGH	64QAM	16.22	16.14	16.64	17.00	
	50	LOW	64QAM	16.11	16.11	16.36	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
	15	1	LOW	QPSK	18.97	19.05	19.16	20.00
MID			QPSK	19.30	19.44	19.61	20.00	
HIGH			QPSK	19.30	19.39	19.38	20.00	
36		LOW	QPSK	17.98	18.13	18.27	19.00	
		MID	QPSK	18.33	18.22	18.45	19.00	
		HIGH	QPSK	18.28	18.30	18.46	19.00	
75		LOW	QPSK	18.19	18.23	18.38	19.00	
15		1	LOW	Q16	18.69	18.65	18.60	19.00
			MID	Q16	18.81	18.93	18.96	19.00
	HIGH		Q16	18.79	18.73	18.66	19.00	
	36	LOW	Q16	17.15	17.32	17.45	18.00	
		MID	Q16	17.31	17.40	17.48	18.00	
		HIGH	Q16	17.39	17.31	17.34	18.00	
	75	LOW	Q16	17.23	17.20	17.40	18.00	
	15	1	LOW	64QAM	17.35	17.32	17.45	18.00
			MID	64QAM	17.81	17.86	17.82	18.00
HIGH			64QAM	17.50	17.94	17.93	18.00	
36		LOW	64QAM	16.00	16.19	16.26	17.00	
		MID	64QAM	16.37	16.11	16.35	17.00	
		HIGH	64QAM	16.37	16.34	16.61	17.00	
75		LOW	64QAM	16.18	16.36	16.46	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20		1	LOW	QPSK	19.02	19.13	19.07	20.00
	MID		QPSK	19.32	19.38	19.47	20.00	
	HIGH		QPSK	19.20	19.35	19.48	20.00	
	50	LOW	QPSK	18.08	18.22	18.31	19.00	
		MID	QPSK	18.27	18.25	18.44	19.00	
		HIGH	QPSK	18.27	18.32	18.55	19.00	
	100	LOW	QPSK	18.15	18.27	18.39	19.00	
	20	1	LOW	Q16	18.54	18.61	18.56	19.00
			MID	Q16	18.85	18.88	18.90	19.00
HIGH			Q16	18.70	18.83	18.95	19.00	
50		LOW	Q16	17.13	17.23	17.30	18.00	
		MID	Q16	17.33	17.31	17.44	18.00	
		HIGH	Q16	17.30	17.38	17.49	18.00	
100		LOW	Q16	17.22	17.28	17.36	18.00	
20		1	LOW	64QAM	17.47	17.46	17.45	18.00
			MID	64QAM	17.91	17.95	17.96	18.00
	HIGH		64QAM	17.61	17.96	17.83	18.00	
	50	LOW	64QAM	16.15	16.19	16.33	17.00	
		MID	64QAM	16.38	16.25	16.43	17.00	
		HIGH	64QAM	16.31	16.23	16.52	17.00	
	100	LOW	64QAM	16.16	16.23	16.42	17.00	

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -ANT1							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.90	19.77	19.75	20.00
		MID	QPSK	19.71	19.79	19.92	20.00
		HIGH	QPSK	19.75	19.80	19.63	20.00
	3	LOW	QPSK	19.87	19.80	19.71	20.00
		MID	QPSK	19.89	19.99	19.70	20.00
		HIGH	QPSK	19.79	19.74	19.67	20.00
6	LOW	QPSK	18.76	18.84	18.84	19.00	
1.4	1	LOW	Q16	18.77	18.76	18.94	19.00
		MID	Q16	18.78	18.86	18.82	19.00
		HIGH	Q16	18.87	18.87	18.76	19.00
	3	LOW	Q16	18.89	18.97	18.93	19.00
		MID	Q16	18.86	18.87	18.95	19.00
		HIGH	Q16	18.69	18.75	18.64	19.00
6	LOW	Q16	17.92	17.83	17.86	18.00	
1.4	1	LOW	64QAM	17.79	17.61	17.88	18.00
		MID	64QAM	17.91	17.73	17.87	18.00
		HIGH	64QAM	17.71	17.95	17.79	18.00
	3	LOW	64QAM	17.87	17.87	17.81	18.00
		MID	64QAM	17.80	17.87	17.83	18.00
		HIGH	64QAM	17.69	17.78	17.75	18.00
6	LOW	64QAM	16.91	16.86	16.89	17.00	
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.92	19.89	19.54	20.00
		MID	QPSK	19.87	19.97	19.91	20.00
		HIGH	QPSK	19.82	19.63	19.58	20.00
	8	LOW	QPSK	18.64	18.73	18.63	19.00
		MID	QPSK	18.81	18.90	18.68	19.00
		HIGH	QPSK	18.95	18.68	18.78	19.00
15	LOW	QPSK	18.78	18.82	18.71	19.00	
3	1	LOW	Q16	18.97	18.83	18.87	19.00
		MID	Q16	18.76	18.77	18.89	19.00
		HIGH	Q16	18.71	18.78	18.70	19.00
	8	LOW	Q16	17.92	17.93	17.83	18.00
		MID	Q16	17.85	17.75	17.74	18.00
		HIGH	Q16	17.84	17.90	17.89	18.00
15	LOW	Q16	17.63	17.74	17.86	18.00	
3	1	LOW	64QAM	17.96	17.75	17.74	18.00
		MID	64QAM	17.75	17.90	17.89	18.00
		HIGH	64QAM	17.90	17.73	17.77	18.00
	8	LOW	64QAM	16.85	16.84	16.78	17.00
		MID	64QAM	16.89	16.99	16.73	17.00
		HIGH	64QAM	16.93	16.74	16.81	17.00
15	LOW	64QAM	16.65	16.59	16.51	17.00	

LTE B5-Full Power -ANT1							
Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.92	19.79	19.66	20.00
		MID	QPSK	19.79	19.81	19.75	20.00
		HIGH	QPSK	19.91	19.82	19.65	20.00
	12	LOW	QPSK	18.80	18.85	18.57	19.00
		MID	QPSK	18.97	18.71	18.67	19.00
		HIGH	QPSK	18.79	18.85	18.70	19.00
25	LOW	QPSK	18.75	18.73	18.65	19.00	
5	1	LOW	Q16	18.95	18.93	18.90	19.00
		MID	Q16	18.75	18.78	18.78	19.00
		HIGH	Q16	18.83	18.84	18.78	19.00
	12	LOW	Q16	17.99	17.97	17.70	18.00
		MID	Q16	17.97	17.82	17.75	18.00
		HIGH	Q16	17.81	17.82	17.87	18.00
25	LOW	Q16	17.74	17.76	17.78	18.00	
5	1	LOW	64QAM	17.87	17.67	17.74	18.00
		MID	64QAM	17.90	17.85	17.94	18.00
		HIGH	64QAM	17.84	17.79	17.86	18.00
	12	LOW	64QAM	16.91	16.84	16.79	17.00
		MID	64QAM	16.78	16.83	16.65	17.00
		HIGH	64QAM	16.83	16.76	16.84	17.00
25	LOW	64QAM	16.75	16.86	16.73	17.00	
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	19.89	19.80	19.69	20.00
		MID	QPSK	19.89	19.89	19.77	20.00
		HIGH	QPSK	19.79	19.78	19.72	20.00
	25	LOW	QPSK	18.79	18.76	18.70	19.00
		MID	QPSK	18.81	18.84	18.78	19.00
		HIGH	QPSK	18.81	18.71	18.66	19.00
50	LOW	QPSK	18.83	18.78	18.72	19.00	
10	1	LOW	Q16	18.89	18.91	18.79	19.00
		MID	Q16	18.90	18.97	18.89	19.00
		HIGH	Q16	18.80	18.88	18.75	19.00
	25	LOW	Q16	17.86	17.83	17.85	18.00
		MID	Q16	17.93	17.92	17.88	18.00
		HIGH	Q16	17.84	17.81	17.80	18.00
50	LOW	Q16	17.78	17.82	17.75	18.00	
10	1	LOW	64QAM	17.92	17.79	17.66	18.00
		MID	64QAM	17.75	17.89	17.91	18.00
		HIGH	64QAM	17.80	17.94	17.77	18.00
	25	LOW	64QAM	16.91	16.85	16.87	17.00
		MID	64QAM	16.83	16.88	16.77	17.00
		HIGH	64QAM	16.98	16.75	16.73	17.00
50	LOW	64QAM	16.80	16.74	16.65	17.00	

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.75	18.69	18.41	19.50
		MID	QPSK	18.54	18.67	18.35	19.50
		HIGH	QPSK	18.64	18.39	18.22	19.50
	3	LOW	QPSK	18.55	18.49	18.57	19.50
		MID	QPSK	18.66	18.70	18.42	19.50
		HIGH	QPSK	18.59	18.47	18.48	19.50
6	LOW	QPSK	17.67	17.44	17.30	18.50	
1.4	1	LOW	Q16	17.62	17.78	17.51	18.50
		MID	Q16	17.59	17.88	17.66	18.50
		HIGH	Q16	17.52	17.97	17.38	18.50
	3	LOW	Q16	17.86	17.95	17.57	18.50
		MID	Q16	17.72	18.03	17.38	18.50
		HIGH	Q16	17.51	18.04	17.54	18.50
6	LOW	Q16	16.61	16.37	16.45	17.50	
1.4	1	LOW	64QAM	16.56	16.74	16.45	17.50
		MID	64QAM	16.61	16.97	16.64	17.50
		HIGH	64QAM	16.54	16.83	16.31	17.50
	3	LOW	64QAM	16.86	16.95	16.72	17.50
		MID	64QAM	16.72	17.11	16.42	17.50
		HIGH	64QAM	16.46	17.17	16.46	17.50
6	LOW	64QAM	15.63	15.45	15.33	16.50	
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	18.74	18.52	18.50	19.50
		MID	QPSK	18.71	18.74	18.33	19.50
		HIGH	QPSK	18.47	18.33	18.27	19.50
	8	LOW	QPSK	17.69	17.40	17.41	18.50
		MID	QPSK	17.59	17.45	17.35	18.50
		HIGH	QPSK	17.41	17.36	17.27	18.50
15	LOW	QPSK	17.69	17.59	17.20	18.50	
3	1	LOW	Q16	17.62	18.05	17.56	18.50
		MID	Q16	17.55	17.95	17.68	18.50
		HIGH	Q16	17.58	17.92	17.61	18.50
	8	LOW	Q16	16.75	16.57	16.45	17.50
		MID	Q16	16.76	16.51	16.74	17.50
		HIGH	Q16	16.78	16.42	16.47	17.50
15	LOW	Q16	16.56	16.60	16.32	17.50	
3	1	LOW	64QAM	16.49	16.92	16.42	17.50
		MID	64QAM	16.66	16.94	16.49	17.50
		HIGH	64QAM	16.69	17.07	16.40	17.50
	8	LOW	64QAM	15.71	15.55	15.31	16.50
		MID	64QAM	15.87	15.45	15.76	16.50
		HIGH	64QAM	15.55	15.60	15.64	16.50
15	LOW	64QAM	15.44	15.61	15.27	16.50	

LTE B5-Full Power -Ant.0								
Bandwidth (RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	18.73	18.71	18.30	19.50	
		MID	QPSK	18.72	18.52	18.34	19.50	
		HIGH	QPSK	18.45	18.43	18.36	19.50	
	12	LOW	QPSK	17.58	17.64	17.25	18.50	
		MID	QPSK	17.67	17.54	17.42	18.50	
		HIGH	QPSK	17.57	17.44	17.20	18.50	
	25	LOW	QPSK	17.57	17.51	17.42	18.50	
	5	1	LOW	Q16	17.79	17.88	17.57	18.50
			MID	Q16	17.70	17.83	17.65	18.50
HIGH			Q16	17.58	17.80	17.44	18.50	
12		LOW	Q16	16.78	16.54	16.64	17.50	
		MID	Q16	16.74	16.67	16.57	17.50	
		HIGH	Q16	16.65	16.50	16.47	17.50	
25		LOW	Q16	16.45	16.46	16.52	17.50	
5		1	LOW	64QAM	16.55	16.74	16.34	17.50
			MID	64QAM	16.50	17.01	16.38	17.50
	HIGH		64QAM	16.53	16.91	16.35	17.50	
	12	LOW	64QAM	15.69	15.48	15.46	16.50	
		MID	64QAM	15.86	15.57	15.66	16.50	
		HIGH	64QAM	15.53	15.68	15.57	16.50	
	25	LOW	64QAM	15.33	15.70	15.31	16.50	
	Bandwidth (RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	18.67	18.58	18.42	19.50
MID			QPSK	18.62	18.59	18.44	19.50	
HIGH			QPSK	18.51	18.45	18.37	19.50	
25		LOW	QPSK	17.42	17.51	17.36	18.50	
		MID	QPSK	17.44	17.54	17.44	18.50	
		HIGH	QPSK	17.36	17.45	17.25	18.50	
50		LOW	QPSK	17.58	17.49	17.34	18.50	
10		1	LOW	Q16	17.72	17.92	17.50	18.50
			MID	Q16	17.67	17.97	17.53	18.50
	HIGH		Q16	17.51	17.90	17.47	18.50	
	25	LOW	Q16	16.64	16.58	16.49	17.50	
		MID	Q16	16.71	16.62	16.59	17.50	
		HIGH	Q16	16.63	16.52	16.49	17.50	
	50	LOW	Q16	16.58	16.52	16.37	17.50	
	10	1	LOW	64QAM	16.64	16.85	16.44	17.50
			MID	64QAM	16.53	17.02	16.45	17.50
HIGH			64QAM	16.65	16.96	16.40	17.50	
25		LOW	64QAM	15.57	15.56	15.40	16.50	
		MID	64QAM	15.73	15.50	15.69	16.50	
		HIGH	64QAM	15.54	15.55	15.59	16.50	
50		LOW	64QAM	15.47	15.63	15.30	16.50	

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	18.40	18.29	18.31	19.00	
		MID	QPSK	18.67	18.45	18.63	19.00	
		HIGH	QPSK	18.45	18.50	18.59	19.00	
	12	LOW	QPSK	17.70	17.34	17.41	18.00	
		MID	QPSK	17.76	17.60	17.50	18.00	
		HIGH	QPSK	17.53	17.48	17.53	18.00	
	25	LOW	QPSK	17.79	17.22	17.37	18.00	
	5	1	LOW	Q16	17.91	17.88	17.71	18.00
			MID	Q16	17.89	17.79	17.73	18.00
HIGH			Q16	17.65	17.53	17.62	18.00	
12		LOW	Q16	16.73	16.46	16.38	17.00	
		MID	Q16	16.69	16.48	16.56	17.00	
		HIGH	Q16	16.76	16.26	16.49	17.00	
25		LOW	Q16	16.60	16.41	16.39	17.00	
5		1	LOW	64QAM	16.79	16.95	16.68	17.00
			MID	64QAM	16.93	16.72	16.84	17.00
	HIGH		64QAM	16.65	16.41	16.82	17.00	
	12	LOW	64QAM	15.58	15.53	15.42	16.00	
		MID	64QAM	15.61	15.56	15.48	16.00	
		HIGH	64QAM	15.82	15.33	15.56	16.00	
	25	LOW	64QAM	15.87	15.38	15.58	16.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	18.54	18.36	18.12	19.00
MID			QPSK	18.59	18.52	18.62	19.00	
HIGH			QPSK	18.36	18.52	18.57	19.00	
25		LOW	QPSK	17.59	17.53	17.59	18.00	
		MID	QPSK	17.66	17.61	17.71	18.00	
		HIGH	QPSK	17.70	17.22	17.40	18.00	
50		LOW	QPSK	17.64	17.27	17.45	18.00	
10		1	LOW	Q16	17.92	17.96	17.68	18.00
			MID	Q16	17.89	18.00	17.99	18.00
	HIGH		Q16	17.70	17.82	17.99	18.00	
	25	LOW	Q16	16.77	16.51	16.55	17.00	
		MID	Q16	16.57	16.55	16.43	17.00	
		HIGH	Q16	16.79	16.48	16.48	17.00	
	50	LOW	Q16	16.82	16.23	16.47	17.00	
	10	1	LOW	64QAM	16.71	16.64	16.56	17.00
			MID	64QAM	16.85	16.85	16.83	17.00
HIGH			64QAM	16.63	16.65	16.85	17.00	
25		LOW	64QAM	15.53	15.35	15.25	16.00	
		MID	64QAM	15.95	15.28	15.57	16.00	
		HIGH	64QAM	15.70	15.29	15.67	16.00	
50		LOW	64QAM	15.90	15.49	15.66	16.00	

LTE B7-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	18.62	18.37	18.11	19.00	
		MID	QPSK	18.76	18.71	18.66	19.00	
		HIGH	QPSK	18.58	18.44	18.30	19.00	
	36	LOW	QPSK	17.48	17.28	17.46	18.00	
		MID	QPSK	17.73	17.60	17.75	18.00	
		HIGH	QPSK	17.71	17.41	17.65	18.00	
	75	LOW	QPSK	17.54	17.36	17.44	18.00	
	15	1	LOW	Q16	17.97	17.84	17.69	18.00
			MID	Q16	17.93	17.77	17.98	18.00
HIGH			Q16	17.98	17.62	17.80	18.00	
36		LOW	Q16	16.66	16.56	16.36	17.00	
		MID	Q16	16.83	16.44	16.68	17.00	
		HIGH	Q16	16.54	16.31	16.56	17.00	
75		LOW	Q16	16.82	16.46	16.43	17.00	
15		1	LOW	64QAM	16.99	16.98	16.59	17.00
			MID	64QAM	16.83	16.93	16.94	17.00
	HIGH		64QAM	16.99	16.65	16.71	17.00	
	36	LOW	64QAM	15.42	15.40	15.24	16.00	
		MID	64QAM	15.72	15.31	15.53	16.00	
		HIGH	64QAM	15.76	15.27	15.51	16.00	
	75	LOW	64QAM	15.78	15.56	15.69	16.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	18.49	18.38	18.22	19.00
MID			QPSK	18.34	18.56	18.48	19.00	
HIGH			QPSK	18.46	18.42	18.44	19.00	
50		LOW	QPSK	17.60	17.39	17.49	18.00	
		MID	QPSK	17.66	17.88	17.61	18.00	
		HIGH	QPSK	17.65	17.37	17.54	18.00	
100		LOW	QPSK	17.64	17.35	17.49	18.00	
20		1	LOW	Q16	17.62	17.87	17.69	18.00
			MID	Q16	17.82	17.64	17.63	18.00
	HIGH		Q16	17.99	17.87	17.91	18.00	
	50	LOW	Q16	16.67	16.43	16.47	17.00	
		MID	Q16	16.72	16.52	16.57	17.00	
		HIGH	Q16	16.68	16.40	16.52	17.00	
	100	LOW	Q16	16.67	16.38	16.47	17.00	
	20	1	LOW	64QAM	16.71	16.61	16.57	17.00
			MID	64QAM	16.94	16.99	16.91	17.00
HIGH			64QAM	16.63	16.93	16.96	17.00	
50		LOW	64QAM	15.52	15.47	15.36	16.00	
		MID	64QAM	15.86	15.41	15.43	16.00	
		HIGH	64QAM	15.80	15.25	15.57	16.00	
100		LOW	64QAM	15.82	15.48	15.60	16.00	

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	17.31	16.90	17.02	18.00	
		MID	QPSK	17.33	17.22	17.13	18.00	
		HIGH	QPSK	17.31	17.07	17.03	18.00	
	12	LOW	QPSK	16.18	15.97	15.99	17.00	
		MID	QPSK	16.53	16.09	16.14	17.00	
		HIGH	QPSK	16.24	16.01	16.28	17.00	
	25	LOW	QPSK	16.50	16.16	16.19	17.00	
	5	1	LOW	Q16	16.62	16.64	16.48	17.00
			MID	Q16	16.92	16.63	16.67	17.00
HIGH			Q16	16.75	16.65	16.56	17.00	
12		LOW	Q16	15.47	14.99	15.02	16.00	
		MID	Q16	15.46	15.05	15.24	16.00	
		HIGH	Q16	15.53	15.05	15.27	16.00	
25		LOW	Q16	15.43	15.07	15.18	16.00	
5		1	LOW	64QAM	15.93	15.64	15.37	16.00
			MID	64QAM	15.56	15.62	15.85	16.00
	HIGH		64QAM	15.60	15.35	15.50	16.00	
	12	LOW	64QAM	14.35	14.09	14.23	15.00	
		MID	64QAM	14.14	14.22	14.09	15.00	
		HIGH	64QAM	14.24	14.18	14.31	15.00	
	25	LOW	64QAM	14.36	14.17	14.06	15.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	17.12	17.08	16.94	18.00
MID			QPSK	17.47	17.37	17.29	18.00	
HIGH			QPSK	17.19	17.01	17.22	18.00	
25		LOW	QPSK	16.40	16.21	16.14	17.00	
		MID	QPSK	16.45	16.03	16.40	17.00	
		HIGH	QPSK	16.36	15.88	16.17	17.00	
50		LOW	QPSK	16.48	16.13	16.04	17.00	
10		1	LOW	Q16	16.65	16.38	16.22	17.00
			MID	Q16	16.96	16.69	16.69	17.00
	HIGH		Q16	16.79	16.62	16.41	17.00	
	25	LOW	Q16	15.31	15.05	15.10	16.00	
		MID	Q16	15.47	15.24	15.15	16.00	
		HIGH	Q16	15.39	14.91	15.29	16.00	
	50	LOW	Q16	15.50	14.90	15.19	16.00	
	10	1	LOW	64QAM	15.73	15.46	15.55	16.00
			MID	64QAM	15.93	15.62	15.70	16.00
HIGH			64QAM	15.68	15.61	15.30	16.00	
25		LOW	64QAM	14.23	14.05	14.15	15.00	
		MID	64QAM	14.28	14.39	14.35	15.00	
		HIGH	64QAM	14.23	14.14	14.19	15.00	
50		LOW	64QAM	14.52	14.07	13.91	15.00	

LTE B7-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	17.12	17.10	16.87	18.00	
		MID	QPSK	17.47	17.36	17.30	18.00	
		HIGH	QPSK	17.06	16.93	17.16	18.00	
	36	LOW	QPSK	16.44	15.99	16.04	17.00	
		MID	QPSK	16.26	16.31	16.16	17.00	
		HIGH	QPSK	16.23	16.08	16.17	17.00	
	75	LOW	QPSK	16.24	15.91	16.22	17.00	
	15	1	LOW	Q16	16.85	16.38	16.27	17.00
			MID	Q16	16.78	16.72	16.81	17.00
HIGH			Q16	16.73	16.52	16.62	17.00	
36		LOW	Q16	15.23	15.25	15.02	16.00	
		MID	Q16	15.40	15.05	15.30	16.00	
		HIGH	Q16	15.46	14.98	15.33	16.00	
75		LOW	Q16	15.47	15.19	15.23	16.00	
15		1	LOW	64QAM	15.91	15.47	15.33	16.00
			MID	64QAM	15.65	15.76	15.64	16.00
	HIGH		64QAM	15.67	15.32	15.31	16.00	
	36	LOW	64QAM	14.18	14.14	14.09	15.00	
		MID	64QAM	14.36	14.28	14.31	15.00	
		HIGH	64QAM	14.20	14.20	14.21	15.00	
	75	LOW	64QAM	14.32	14.10	14.13	15.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	17.19	17.05	16.91	18.00
MID			QPSK	17.18	17.25	17.24	18.00	
HIGH			QPSK	17.16	17.07	17.16	18.00	
50		LOW	QPSK	16.30	16.10	16.11	17.00	
		MID	QPSK	16.39	16.40	16.25	17.00	
		HIGH	QPSK	16.36	15.97	16.25	17.00	
100		LOW	QPSK	16.35	16.05	16.16	17.00	
20		1	LOW	Q16	16.75	16.53	16.35	17.00
			MID	Q16	16.93	16.73	16.75	17.00
	HIGH		Q16	16.66	16.51	16.54	17.00	
	50	LOW	Q16	15.32	15.11	15.11	16.00	
		MID	Q16	15.43	15.19	15.22	16.00	
		HIGH	Q16	15.41	14.99	15.22	16.00	
	100	LOW	Q16	15.38	15.05	15.15	16.00	
	20	1	LOW	64QAM	15.87	15.49	15.46	16.00
			MID	64QAM	15.58	15.72	15.75	16.00
HIGH			64QAM	15.64	15.46	15.42	16.00	
50		LOW	64QAM	14.33	14.13	14.09	15.00	
		MID	64QAM	14.29	14.27	14.23	15.00	
		HIGH	64QAM	14.33	14.13	14.34	15.00	
100		LOW	64QAM	14.40	14.12	14.02	15.00	

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -ANT1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.80	23.69	23.73	24.50
		MID	QPSK	23.88	23.85	23.87	24.50
		HIGH	QPSK	23.86	23.93	23.90	24.50
	3	LOW	QPSK	23.63	23.68	23.72	24.50
		MID	QPSK	23.96	23.86	23.91	24.50
		HIGH	QPSK	23.80	23.93	23.97	24.50
6	LOW	QPSK	22.71	23.05	22.51	23.50	
1.4	1	LOW	Q16	22.92	22.64	22.81	23.50
		MID	Q16	22.98	22.90	22.93	23.50
		HIGH	Q16	22.81	22.82	22.66	23.50
	3	LOW	Q16	22.81	22.61	22.71	23.50
		MID	Q16	22.76	22.79	22.77	23.50
		HIGH	Q16	23.09	22.72	22.83	23.50
6	LOW	Q16	21.77	21.81	21.46	22.50	
1.4	1	LOW	64QAM	22.04	21.72	21.66	22.50
		MID	64QAM	21.97	21.85	21.78	22.50
		HIGH	64QAM	21.71	21.95	21.71	22.50
	3	LOW	64QAM	21.69	21.47	21.79	22.50
		MID	64QAM	21.75	21.88	21.79	22.50
		HIGH	64QAM	21.96	21.76	21.85	22.50
6	LOW	64QAM	20.84	20.67	20.32	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.80	23.80	23.95	24.50
		MID	QPSK	23.79	23.84	23.82	24.50
		HIGH	QPSK	23.99	23.88	24.10	24.50
	8	LOW	QPSK	22.58	22.74	22.72	23.50
		MID	QPSK	22.97	22.96	22.53	23.50
		HIGH	QPSK	22.73	22.82	22.55	23.50
15	LOW	QPSK	22.78	22.80	22.53	23.50	
3	1	LOW	Q16	22.86	22.72	22.86	23.50
		MID	Q16	22.78	22.96	22.85	23.50
		HIGH	Q16	22.85	22.91	22.88	23.50
	8	LOW	Q16	21.91	21.87	21.52	22.50
		MID	Q16	22.07	21.93	21.82	22.50
		HIGH	Q16	21.85	22.09	21.35	22.50
15	LOW	Q16	22.01	21.74	21.41	22.50	
3	1	LOW	64QAM	21.95	21.59	21.79	22.50
		MID	64QAM	21.94	21.85	21.86	22.50
		HIGH	64QAM	21.89	21.81	21.74	22.50
	8	LOW	64QAM	20.71	21.04	20.51	21.50
		MID	64QAM	21.14	21.06	20.73	21.50
		HIGH	64QAM	21.00	21.18	20.43	21.50
15	LOW	64QAM	20.92	20.85	20.61	21.50	

LTE B12-Full Power -ANT1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.76	23.75	23.75	24.50
		MID	QPSK	23.79	23.84	23.73	24.50
		HIGH	QPSK	23.83	23.93	24.06	24.50
	12	LOW	QPSK	22.77	23.00	22.69	23.50
		MID	QPSK	22.96	22.79	22.70	23.50
		HIGH	QPSK	23.01	22.78	22.41	23.50
25	LOW	QPSK	22.75	22.89	22.62	23.50	
5	1	LOW	Q16	22.73	22.80	22.72	23.50
		MID	Q16	22.74	22.83	22.76	23.50
		HIGH	Q16	22.98	22.87	22.83	23.50
	12	LOW	Q16	21.78	22.03	21.39	22.50
		MID	Q16	21.90	22.16	21.60	22.50
		HIGH	Q16	22.12	21.93	21.49	22.50
25	LOW	Q16	21.98	21.80	21.38	22.50	
5	1	LOW	64QAM	21.91	21.66	21.93	22.50
		MID	64QAM	22.09	21.85	21.68	22.50
		HIGH	64QAM	21.99	21.89	21.68	22.50
	12	LOW	64QAM	20.90	20.81	20.43	21.50
		MID	64QAM	21.17	21.11	20.93	21.50
		HIGH	64QAM	21.03	21.15	20.38	21.50
25	LOW	64QAM	20.87	20.90	20.56	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	23.82	23.83	24.50
		MID	QPSK	23.91	23.90	23.88	24.50
		HIGH	QPSK	23.93	23.98	23.96	24.50
	25	LOW	QPSK	22.71	22.88	22.74	23.50
		MID	QPSK	22.86	22.93	22.62	23.50
		HIGH	QPSK	22.87	22.93	22.48	23.50
50	LOW	QPSK	22.81	22.90	22.62	23.50	
10	1	LOW	Q16	22.82	22.70	22.80	23.50
		MID	Q16	22.89	22.84	22.86	23.50
		HIGH	Q16	22.96	22.78	22.80	23.50
	25	LOW	Q16	21.86	21.92	21.45	22.50
		MID	Q16	22.02	22.04	21.72	22.50
		HIGH	Q16	21.99	22.04	21.48	22.50
50	LOW	Q16	21.88	21.88	21.53	22.50	
10	1	LOW	64QAM	21.89	21.64	21.79	22.50
		MID	64QAM	22.02	21.95	21.82	22.50
		HIGH	64QAM	21.98	21.91	21.82	22.50
	25	LOW	64QAM	20.75	20.89	20.58	21.50
		MID	64QAM	21.07	21.16	20.80	21.50
		HIGH	64QAM	20.92	21.12	20.42	21.50
50	LOW	64QAM	20.77	20.79	20.62	21.50	

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.25	22.44	22.45	23.50
		MID	QPSK	22.68	22.59	22.32	23.50
		HIGH	QPSK	22.73	22.67	22.50	23.50
	3	LOW	QPSK	22.45	22.69	22.64	23.50
		MID	QPSK	22.65	22.70	22.49	23.50
		HIGH	QPSK	22.91	22.74	22.58	23.50
6	LOW	QPSK	21.59	21.34	21.31	22.50	
1.4	1	LOW	Q16	21.48	21.04	21.47	22.50
		MID	Q16	21.77	21.31	21.85	22.50
		HIGH	Q16	21.79	21.30	21.83	22.50
	3	LOW	Q16	21.41	21.03	21.53	22.50
		MID	Q16	21.64	21.34	21.81	22.50
		HIGH	Q16	21.94	21.34	21.82	22.50
6	LOW	Q16	20.70	20.39	20.32	21.50	
1.4	1	LOW	64QAM	20.58	20.05	20.37	21.50
		MID	64QAM	20.80	20.25	20.73	21.50
		HIGH	64QAM	20.66	20.38	20.87	21.50
	3	LOW	64QAM	20.30	20.00	20.52	21.50
		MID	64QAM	20.56	20.36	20.93	21.50
		HIGH	64QAM	20.82	20.39	20.79	21.50
6	LOW	64QAM	19.84	19.53	19.35	20.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.50	22.52	22.57	23.50
		MID	QPSK	22.55	22.72	22.37	23.50
		HIGH	QPSK	22.65	22.93	22.37	23.50
	8	LOW	QPSK	21.27	21.61	21.13	22.50
		MID	QPSK	21.52	21.65	21.44	22.50
		HIGH	QPSK	21.65	21.64	21.16	22.50
15	LOW	QPSK	21.57	21.17	21.27	22.50	
3	1	LOW	Q16	21.51	21.07	21.58	22.50
		MID	Q16	21.59	21.19	21.75	22.50
		HIGH	Q16	21.93	21.23	21.73	22.50
	8	LOW	Q16	20.40	20.34	20.16	21.50
		MID	Q16	20.87	20.53	20.49	21.50
		HIGH	Q16	20.78	20.41	20.40	21.50
15	LOW	Q16	20.64	20.20	20.40	21.50	
3	1	LOW	64QAM	20.52	20.06	20.74	21.50
		MID	64QAM	20.71	20.30	20.59	21.50
		HIGH	64QAM	20.85	20.17	20.66	21.50
	8	LOW	64QAM	19.46	19.42	19.14	20.50
		MID	64QAM	19.76	19.30	19.32	20.50
		HIGH	64QAM	19.53	19.73	19.12	20.50
15	LOW	64QAM	19.59	19.45	19.21	20.50	

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.65	22.55	23.50
		MID	QPSK	22.56	22.65	22.43	23.50
		HIGH	QPSK	22.67	22.71	22.32	23.50
	12	LOW	QPSK	21.40	21.68	21.06	22.50
		MID	QPSK	21.48	21.59	21.34	22.50
		HIGH	QPSK	21.64	21.46	21.23	22.50
25	LOW	QPSK	21.47	21.46	21.22	22.50	
5	1	LOW	Q16	21.58	20.80	21.66	22.50
		MID	Q16	21.54	21.31	21.55	22.50
		HIGH	Q16	21.78	21.12	21.83	22.50
	12	LOW	Q16	20.45	20.36	20.26	21.50
		MID	Q16	20.72	20.31	20.37	21.50
		HIGH	Q16	20.69	20.49	20.21	21.50
25	LOW	Q16	20.75	20.31	20.19	21.50	
5	1	LOW	64QAM	20.37	19.94	20.80	21.50
		MID	64QAM	20.71	20.30	20.50	21.50
		HIGH	64QAM	20.60	20.08	20.65	21.50
	12	LOW	64QAM	19.41	19.20	19.25	20.50
		MID	64QAM	19.72	19.34	19.23	20.50
		HIGH	64QAM	19.47	19.55	19.12	20.50
25	LOW	64QAM	19.40	19.51	19.33	20.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.40	22.56	22.52	23.50
		MID	QPSK	22.69	22.74	22.38	23.50
		HIGH	QPSK	22.78	22.80	22.43	23.50
	25	LOW	QPSK	21.40	21.64	21.14	22.50
		MID	QPSK	21.61	21.71	21.31	22.50
		HIGH	QPSK	21.57	21.57	21.22	22.50
50	LOW	QPSK	21.55	21.32	21.23	22.50	
10	1	LOW	Q16	21.44	20.95	21.53	22.50
		MID	Q16	21.62	21.25	21.70	22.50
		HIGH	Q16	21.81	21.24	21.69	22.50
	25	LOW	Q16	20.50	20.28	20.28	21.50
		MID	Q16	20.74	20.42	20.46	21.50
		HIGH	Q16	20.76	20.53	20.28	21.50
50	LOW	Q16	20.60	20.33	20.29	21.50	
10	1	LOW	64QAM	20.46	20.06	20.68	21.50
		MID	64QAM	20.62	20.20	20.58	21.50
		HIGH	64QAM	20.74	20.18	20.74	21.50
	25	LOW	64QAM	19.56	19.27	19.20	20.50
		MID	64QAM	19.81	19.35	19.34	20.50
		HIGH	64QAM	19.61	19.60	19.14	20.50
50	LOW	64QAM	19.54	19.40	19.30	20.50	

8.3.6 LTE Band13 Output Power

LTE B13-Full Power -ANT1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)	
5	1	LOW	QPSK	24.05	23.94	23.97	24.50	
		MID	QPSK	24.17	24.04	23.86	24.50	
		HIGH	QPSK	24.19	23.83	23.96	24.50	
	12	LOW	QPSK	22.85	23.00	22.64	23.50	
		MID	QPSK	22.91	22.85	22.72	23.50	
		HIGH	QPSK	22.85	22.78	22.54	23.50	
25	LOW	QPSK	23.05	22.91	22.57	23.50		
5	1	LOW	Q16	23.04	22.75	22.80	23.50	
		MID	Q16	23.35	22.75	22.82	23.50	
		HIGH	Q16	23.25	22.87	22.67	23.50	
	12	LOW	Q16	21.64	21.86	21.54	22.50	
		MID	Q16	22.20	21.97	21.63	22.50	
		HIGH	Q16	21.94	22.15	21.36	22.50	
	25	LOW	Q16	22.05	21.73	21.41	22.50	
	5	1	LOW	64QAM	22.03	21.66	21.63	22.50
			MID	64QAM	22.28	21.88	21.66	22.50
HIGH			64QAM	22.33	21.92	21.67	22.50	
12		LOW	64QAM	20.85	20.98	20.44	21.50	
		MID	64QAM	21.02	21.10	20.69	21.50	
		HIGH	64QAM	20.91	21.00	20.37	21.50	
25	LOW	64QAM	20.82	20.86	20.50	21.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)	
10	1	LOW	QPSK		23.82		24.50	
		MID	QPSK		23.90		24.50	
		HIGH	QPSK		23.92		24.50	
	25	LOW	QPSK		22.88		23.50	
		MID	QPSK		22.93		23.50	
		HIGH	QPSK		22.93		23.50	
50	LOW	QPSK		22.90		23.50		
10	1	LOW	Q16		22.70		23.50	
		MID	Q16		22.84		23.50	
		HIGH	Q16		22.78		23.50	
	25	LOW	Q16		21.92		22.50	
		MID	Q16		22.04		22.50	
		HIGH	Q16		22.04		22.50	
50	LOW	Q16		21.88		22.50		
10	1	LOW	64QAM		21.70		22.50	
		MID	64QAM		21.88		22.50	
		HIGH	64QAM		21.93		22.50	
	25	LOW	64QAM		20.98		21.50	
		MID	64QAM		21.12		21.50	
		HIGH	64QAM		21.04		21.50	
50	LOW	64QAM		20.86		21.50		

8.3.6 LTE Band13 Output Power

LTE B13-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)	
5	1	LOW	QPSK	22.91	22.45	22.38	23.50	
		MID	QPSK	22.77	22.89	22.47	23.50	
		HIGH	QPSK	22.54	22.86	22.52	23.50	
	12	LOW	QPSK	21.43	21.60	21.13	22.50	
		MID	QPSK	21.57	21.71	21.46	22.50	
		HIGH	QPSK	21.67	21.65	21.13	22.50	
25	LOW	QPSK	21.63	21.23	21.29	22.50		
5	1	LOW	Q16	21.94	20.89	21.52	22.50	
		MID	Q16	22.08	21.31	21.56	22.50	
		HIGH	Q16	21.87	21.19	21.72	22.50	
	12	LOW	Q16	20.38	20.21	20.36	21.50	
		MID	Q16	20.55	20.50	20.36	21.50	
		HIGH	Q16	20.76	20.59	20.16	21.50	
	25	LOW	Q16	20.53	20.33	20.29	21.50	
	5	1	LOW	64QAM	21.03	19.83	20.45	21.50
			MID	64QAM	20.97	20.03	20.61	21.50
HIGH			64QAM	21.05	20.21	20.63	21.50	
12		LOW	64QAM	19.62	19.23	19.30	20.50	
		MID	64QAM	19.62	19.49	19.17	20.50	
		HIGH	64QAM	19.77	19.58	19.28	20.50	
25	LOW	64QAM	19.82	19.22	19.14	20.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)	
10	1	LOW	QPSK		22.56		23.50	
		MID	QPSK		22.74		23.50	
		HIGH	QPSK		22.80		23.50	
	25	LOW	QPSK		21.64		22.50	
		MID	QPSK		21.71		22.50	
		HIGH	QPSK		21.57		22.50	
50	LOW	QPSK		21.32		22.50		
10	1	LOW	Q16		20.95		22.50	
		MID	Q16		21.25		22.50	
		HIGH	Q16		21.24		22.50	
	25	LOW	Q16		20.28		21.50	
		MID	Q16		20.42		21.50	
		HIGH	Q16		20.53		21.50	
50	LOW	Q16		20.33		21.50		
10	1	LOW	64QAM		19.88		21.50	
		MID	64QAM		20.17		21.50	
		HIGH	64QAM		20.10		21.50	
	25	LOW	64QAM		19.38		20.50	
		MID	64QAM		19.37		20.50	
		HIGH	64QAM		19.59		20.50	
50	LOW	64QAM		19.35		20.50		

8.3.7 LTE Band17 Output Power

LTE B17-Full Power -ANT1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	23.78	23.69	23.94	24.50	
		MID	QPSK	23.80	23.77	23.86	24.50	
		HIGH	QPSK	23.84	23.86	23.88	24.50	
	12	LOW	QPSK	22.94	22.81	22.64	23.50	
		MID	QPSK	23.01	22.59	23.08	23.50	
		HIGH	QPSK	22.82	22.92	22.64	23.50	
	25	LOW	QPSK	22.35	22.90	22.77	23.50	
	5	1	LOW	Q16	22.12	22.90	22.70	23.50
			MID	Q16	22.27	23.06	22.87	23.50
HIGH			Q16	22.34	22.81	22.57	23.50	
12		LOW	Q16	21.39	21.44	21.71	22.50	
		MID	Q16	21.61	21.76	21.93	22.50	
		HIGH	Q16	21.42	21.81	21.83	22.50	
25		LOW	Q16	21.55	21.64	21.82	22.50	
5		1	LOW	64QAM	21.42	21.89	21.89	22.50
			MID	64QAM	21.50	21.87	21.64	22.50
	HIGH		64QAM	21.36	22.06	21.60	22.50	
	12	LOW	64QAM	20.25	20.43	20.77	21.50	
		MID	64QAM	20.78	20.88	20.97	21.50	
		HIGH	64QAM	20.43	20.63	20.87	21.50	
	25	LOW	64QAM	20.55	20.90	20.64	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
	10	1	LOW	QPSK	23.73	23.82	23.79	24.50
MID			QPSK	23.91	23.90	23.93	24.50	
HIGH			QPSK	23.92	23.85	23.97	24.50	
25		LOW	QPSK	22.82	22.81	22.77	23.50	
		MID	QPSK	22.86	22.71	22.94	23.50	
		HIGH	QPSK	22.73	22.79	22.77	23.50	
50		LOW	QPSK	22.46	22.84	22.73	23.50	
10		1	LOW	Q16	22.16	22.82	22.80	23.50
			MID	Q16	22.40	22.95	22.83	23.50
	HIGH		Q16	22.30	22.90	22.66	23.50	
	25	LOW	Q16	21.44	21.52	21.74	22.50	
		MID	Q16	21.58	21.85	21.86	22.50	
		HIGH	Q16	21.57	21.69	21.83	22.50	
	50	LOW	Q16	21.57	21.78	21.92	22.50	
	10	1	LOW	64QAM	21.28	21.90	21.79	22.50
			MID	64QAM	21.55	21.83	21.76	22.50
HIGH			64QAM	21.38	21.99	21.68	22.50	
25		LOW	64QAM	20.30	20.40	20.64	21.50	
		MID	64QAM	20.72	20.82	20.83	21.50	
		HIGH	64QAM	20.55	20.69	20.92	21.50	
50		LOW	64QAM	20.48	20.80	20.79	21.50	

8.3.7 LTE Band17 Output Power

LTE B17-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	22.36	22.08	22.12	23.50	
		MID	QPSK	22.80	22.39	22.22	23.50	
		HIGH	QPSK	22.73	22.30	22.44	23.50	
	12	LOW	QPSK	21.23	21.23	21.22	22.50	
		MID	QPSK	21.29	21.34	21.32	22.50	
		HIGH	QPSK	21.19	21.35	21.33	22.50	
	25	LOW	QPSK	21.29	21.18	21.24	22.50	
	5	1	LOW	Q16	21.21	21.65	21.27	22.50
			MID	Q16	21.21	21.73	21.35	22.50
HIGH			Q16	21.42	21.59	21.35	22.50	
12		LOW	Q16	20.15	20.24	20.44	21.50	
		MID	Q16	20.42	20.49	20.44	21.50	
		HIGH	Q16	20.38	20.34	20.26	21.50	
25		LOW	Q16	20.46	20.45	20.32	21.50	
5		1	LOW	64QAM	20.20	20.46	20.51	21.50
			MID	64QAM	20.30	20.95	20.47	21.50
	HIGH		64QAM	20.56	20.61	20.32	21.50	
	12	LOW	64QAM	19.00	19.27	19.22	20.50	
		MID	64QAM	19.23	19.30	19.52	20.50	
		HIGH	64QAM	19.52	19.57	19.27	20.50	
	25	LOW	64QAM	19.41	19.32	19.47	20.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
	10	1	LOW	QPSK	22.46	22.15	22.12	23.50
MID			QPSK	22.69	22.35	22.35	23.50	
HIGH			QPSK	22.60	22.25	22.30	23.50	
25		LOW	QPSK	21.21	21.15	21.26	22.50	
		MID	QPSK	21.21	21.25	21.36	22.50	
		HIGH	QPSK	21.19	21.23	21.21	22.50	
50	LOW	QPSK	21.19	21.23	21.23	22.50		
10	1	LOW	Q16	21.13	21.65	21.28	22.50	
		MID	Q16	21.33	21.81	21.46	22.50	
		HIGH	Q16	21.42	21.70	21.38	22.50	
	25	LOW	Q16	20.29	20.37	20.39	21.50	
		MID	Q16	20.33	20.50	20.45	21.50	
		HIGH	Q16	20.31	20.47	20.34	21.50	
50	LOW	Q16	20.32	20.39	20.33	21.50		
10	1	LOW	64QAM	20.19	20.57	20.38	21.50	
		MID	64QAM	20.23	20.84	20.34	21.50	
		HIGH	64QAM	20.47	20.75	20.47	21.50	
	25	LOW	64QAM	19.14	19.36	19.25	20.50	
		MID	64QAM	19.18	19.36	19.58	20.50	
		HIGH	64QAM	19.44	19.62	19.34	20.50	
50	LOW	64QAM	19.33	19.24	19.39	20.50		

8.3.8 LTE Band25 Output Power

LTE B25-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26065	26365	26665	Tune-up power(dBm)	
5	1	LOW	QPSK	19.43	19.70	19.56	20.80	
		MID	QPSK	19.74	19.81	19.89	20.80	
		HIGH	QPSK	19.57	19.51	19.37	20.80	
	12	LOW	QPSK	18.57	18.52	18.57	19.80	
		MID	QPSK	18.55	18.83	18.79	19.80	
		HIGH	QPSK	18.74	18.52	18.59	19.80	
	25	LOW	QPSK	18.49	18.61	18.59	19.80	
	5	1	LOW	Q16	18.92	19.04	18.90	19.80
			MID	Q16	19.13	19.24	19.28	19.80
HIGH			Q16	18.90	18.94	18.90	19.80	
12		LOW	Q16	17.45	17.84	17.77	18.80	
		MID	Q16	17.71	17.82	17.75	18.80	
		HIGH	Q16	17.71	17.68	17.55	18.80	
25		LOW	Q16	17.84	17.54	17.75	18.80	
5		1	LOW	64QAM	17.92	17.96	17.99	18.80
			MID	64QAM	18.20	18.50	18.37	18.80
	HIGH		64QAM	17.90	18.04	18.00	18.80	
	12	LOW	64QAM	16.36	16.68	16.61	17.80	
		MID	64QAM	16.61	16.67	16.70	17.80	
		HIGH	64QAM	16.91	16.88	16.39	17.80	
	25	LOW	64QAM	16.67	16.67	16.46	17.80	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26090	26365	26640	Tune-up power(dBm)
	10	1	LOW	QPSK	19.40	19.61	19.61	20.80
MID			QPSK	19.50	19.80	19.88	20.80	
HIGH			QPSK	19.51	19.43	19.35	20.80	
25		LOW	QPSK	18.57	18.54	18.69	19.80	
		MID	QPSK	18.55	18.73	18.76	19.80	
		HIGH	QPSK	18.77	18.54	18.64	19.80	
50		LOW	QPSK	18.65	18.69	18.61	19.80	
10		1	LOW	Q16	18.75	18.91	18.95	19.80
			MID	Q16	19.22	19.12	19.50	19.80
	HIGH		Q16	19.05	19.16	18.87	19.80	
	25	LOW	Q16	17.57	17.62	17.74	18.80	
		MID	Q16	17.80	17.86	17.87	18.80	
		HIGH	Q16	17.68	17.66	17.61	18.80	
	50	LOW	Q16	17.64	17.54	17.64	18.80	
	10	1	LOW	64QAM	17.89	17.92	18.06	18.80
			MID	64QAM	18.30	18.49	18.44	18.80
HIGH			64QAM	18.04	18.09	17.89	18.80	
25		LOW	64QAM	16.63	16.68	16.66	17.80	
		MID	64QAM	16.84	16.72	16.58	17.80	
		HIGH	64QAM	17.01	16.85	16.58	17.80	
50		LOW	64QAM	16.47	16.69	16.46	17.80	

LTE B28-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26115	26365	26615	Tune-up power(dBm)	
15	1	LOW	QPSK	19.36	19.67	19.57	20.80	
		MID	QPSK	19.55	19.68	19.82	20.80	
		HIGH	QPSK	19.53	19.61	19.62	20.80	
	36	LOW	QPSK	18.64	18.69	18.59	19.80	
		MID	QPSK	18.74	18.55	18.65	19.80	
		HIGH	QPSK	18.88	18.67	18.71	19.80	
	75	LOW	QPSK	18.52	18.66	18.74	19.80	
	15	1	LOW	Q16	18.83	19.10	19.06	19.80
			MID	Q16	19.06	19.15	19.46	19.80
HIGH			Q16	19.02	19.06	18.97	19.80	
36		LOW	Q16	17.68	17.76	17.73	18.80	
		MID	Q16	17.72	17.81	17.88	18.80	
		HIGH	Q16	17.77	17.63	17.74	18.80	
75		LOW	Q16	17.73	17.78	17.55	18.80	
15		1	LOW	64QAM	17.70	17.97	18.01	18.80
			MID	64QAM	18.26	18.44	18.35	18.80
	HIGH		64QAM	17.85	18.28	17.98	18.80	
	36	LOW	64QAM	16.46	16.73	16.57	17.80	
		MID	64QAM	16.67	16.75	16.83	17.80	
		HIGH	64QAM	16.95	16.90	16.65	17.80	
	75	LOW	64QAM	16.69	16.74	16.62	17.80	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26140	26365	26590	Tune-up power(dBm)
	20	1	LOW	QPSK	19.41	19.59	19.48	20.80
MID			QPSK	19.64	19.89	19.86	20.80	
HIGH			QPSK	19.57	19.49	19.47	20.80	
50		LOW	QPSK	18.58	18.67	18.58	19.80	
		MID	QPSK	18.65	18.68	18.62	19.80	
		HIGH	QPSK	18.61	18.59	18.63	19.80	
100		LOW	QPSK	18.61	18.61	18.59	19.80	
20		1	LOW	Q16	18.85	19.06	19.00	19.80
			MID	Q16	19.13	19.22	19.36	19.80
	HIGH		Q16	18.98	19.04	19.01	19.80	
	50	LOW	Q16	17.59	17.73	17.62	18.80	
		MID	Q16	17.71	17.75	17.81	18.80	
		HIGH	Q16	17.78	17.67	17.66	18.80	
	100	LOW	Q16	17.69	17.68	17.65	18.80	
	20	1	LOW	64QAM	17.80	17.96	18.14	18.80
			MID	64QAM	18.17	18.35	18.47	18.80
HIGH			64QAM	17.99	18.19	17.91	18.80	
50		LOW	64QAM	16.50	16.75	16.52	17.80	
		MID	64QAM	16.69	16.82	16.73	17.80	
		HIGH	64QAM	16.89	16.82	16.54	17.80	
100		LOW	64QAM	16.61	16.77	16.60	17.80	

8.3.8 LTE Band25 Output Power

LTE B25-Full Power -Ant.0								
Bandwidth (Mh)	RB Size	RB offset	Modulation	26065	26365	26665	Tune-up power(dBm)	
5	1	LOW	QPSK	17.62	17.90	17.70	19.50	
		MID	QPSK	17.91	17.93	18.15	19.50	
		HIGH	QPSK	17.95	17.99	17.82	19.50	
	12	LOW	QPSK	16.79	16.97	16.79	18.50	
		MID	QPSK	16.99	16.93	17.10	18.50	
		HIGH	QPSK	16.97	16.87	16.89	18.50	
	25	LOW	QPSK	17.00	16.79	16.74	18.50	
	5	1	LOW	Q16	17.27	17.45	17.35	18.50
			MID	Q16	17.32	17.44	17.66	18.50
HIGH			Q16	17.44	17.45	17.18	18.50	
12		LOW	Q16	16.04	16.07	15.71	17.50	
		MID	Q16	16.12	15.93	16.14	17.50	
		HIGH	Q16	16.16	16.03	15.98	17.50	
25		LOW	Q16	15.87	16.03	15.94	17.50	
5		1	LOW	64QAM	16.19	16.37	16.35	17.50
			MID	64QAM	16.54	16.50	16.70	17.50
	HIGH		64QAM	16.20	16.37	16.25	17.50	
	12	LOW	64QAM	14.86	15.03	14.94	16.50	
		MID	64QAM	14.93	15.09	14.91	16.50	
		HIGH	64QAM	15.10	14.93	14.93	16.50	
	25	LOW	64QAM	15.08	15.18	14.98	16.50	
	Bandwidth (Mh)	RB Size	RB offset	Modulation	26090	26365	26640	Tune-up power(dBm)
	10	1	LOW	QPSK	17.79	17.98	17.92	19.50
MID			QPSK	17.91	18.00	18.22	19.50	
HIGH			QPSK	17.77	17.73	17.80	19.50	
25		LOW	QPSK	16.95	17.10	16.85	18.50	
		MID	QPSK	16.90	16.96	16.84	18.50	
		HIGH	QPSK	16.99	16.84	16.82	18.50	
50		LOW	QPSK	16.95	17.01	16.93	18.50	
10		1	LOW	Q16	17.24	17.48	17.38	18.50
			MID	Q16	17.33	17.64	17.66	18.50
	HIGH		Q16	17.24	17.34	17.23	18.50	
	25	LOW	Q16	16.01	16.18	15.74	17.50	
		MID	Q16	15.92	15.98	16.15	17.50	
		HIGH	Q16	16.23	15.90	15.72	17.50	
	50	LOW	Q16	15.96	16.07	15.87	17.50	
	10	1	LOW	64QAM	16.21	16.64	16.38	17.50
			MID	64QAM	16.45	16.43	16.58	17.50
HIGH			64QAM	16.31	16.33	16.48	17.50	
25		LOW	64QAM	15.04	15.00	14.78	16.50	
		MID	64QAM	14.97	15.04	14.88	16.50	
		HIGH	64QAM	15.33	14.98	15.01	16.50	
50		LOW	64QAM	15.04	15.04	14.78	16.50	

LTE B25-Full Power -Ant.0								
Bandwidth (Mh)	RB Size	RB offset	Modulation	26115	26365	26615	Tune-up power(dBm)	
15	1	LOW	QPSK	17.70	18.01	17.66	19.50	
		MID	QPSK	18.13	18.14	18.22	19.50	
		HIGH	QPSK	17.87	17.76	17.58	19.50	
	36	LOW	QPSK	16.90	17.00	16.69	18.50	
		MID	QPSK	17.02	17.11	16.97	18.50	
		HIGH	QPSK	17.07	16.97	16.73	18.50	
	75	LOW	QPSK	16.88	16.87	16.77	18.50	
	15	1	LOW	Q16	17.30	17.43	17.44	18.50
			MID	Q16	17.56	17.45	17.69	18.50
HIGH			Q16	17.28	17.48	17.38	18.50	
36		LOW	Q16	15.94	15.96	15.76	17.50	
		MID	Q16	16.01	15.99	15.99	17.50	
		HIGH	Q16	16.01	16.01	15.72	17.50	
75		LOW	Q16	15.98	16.09	15.93	17.50	
15		1	LOW	64QAM	16.01	16.65	16.59	17.50
			MID	64QAM	16.65	16.44	16.57	17.50
	HIGH		64QAM	16.10	16.52	16.25	17.50	
	36	LOW	64QAM	15.00	14.84	14.79	16.50	
		MID	64QAM	15.12	15.04	15.06	16.50	
		HIGH	64QAM	15.16	14.98	14.97	16.50	
	75	LOW	64QAM	14.97	15.00	15.00	16.50	
	Bandwidth (Mh)	RB Size	RB offset	Modulation	26140	26365	26590	Tune-up power(dBm)
	20	1	LOW	QPSK	17.76	17.92	17.81	19.50
MID			QPSK	17.99	17.88	18.07	19.50	
HIGH			QPSK	17.89	17.85	17.71	19.50	
50		LOW	QPSK	16.89	17.06	16.78	18.50	
		MID	QPSK	16.99	17.05	17.09	18.50	
		HIGH	QPSK	17.08	16.87	16.78	18.50	
100		LOW	QPSK	16.94	16.94	16.81	18.50	
20		1	LOW	Q16	17.18	17.37	17.33	18.50
			MID	Q16	17.45	17.57	17.61	18.50
	HIGH		Q16	17.31	17.38	17.26	18.50	
	50	LOW	Q16	15.89	16.10	15.86	17.50	
		MID	Q16	16.00	16.08	16.05	17.50	
		HIGH	Q16	16.09	15.94	15.85	17.50	
	100	LOW	Q16	15.98	16.01	15.86	17.50	
	20	1	LOW	64QAM	16.16	16.50	16.45	17.50
			MID	64QAM	16.53	16.51	16.68	17.50
HIGH			64QAM	16.19	16.48	16.36	17.50	
50		LOW	64QAM	14.93	14.96	14.86	16.50	
		MID	64QAM	15.00	15.17	14.92	16.50	
		HIGH	64QAM	15.21	14.88	14.97	16.50	
100		LOW	64QAM	15.01	15.13	14.88	16.50	

8.3.9 LTE Band26 Output Power

LTE B26-Full Power -ANT1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	20.91	20.86	20.71	21.00	
		MID	QPSK	20.67	20.82	20.66	21.00	
		HIGH	QPSK	20.75	20.66	20.37	21.00	
	3	LOW	QPSK	20.71	20.75	20.77	21.00	
		MID	QPSK	20.72	20.83	20.64	21.00	
		HIGH	QPSK	20.77	20.71	20.53	21.00	
	6	LOW	QPSK	19.84	19.59	19.78	20.00	
	1.4	1	LOW	Q16	19.76	19.52	19.71	20.00
			MID	Q16	19.83	19.72	19.68	20.00
HIGH			Q16	19.81	19.45	19.78	20.00	
3		LOW	Q16	19.81	19.59	19.64	20.00	
		MID	Q16	19.89	19.53	19.65	20.00	
		HIGH	Q16	19.79	19.72	19.65	20.00	
6		LOW	Q16	18.94	18.78	18.75	19.00	
1.4		1	LOW	64QAM	18.87	18.80	18.78	19.00
			MID	64QAM	18.81	18.72	18.60	19.00
	HIGH		64QAM	18.87	18.87	18.65	19.00	
	3	LOW	64QAM	18.94	18.65	18.83	19.00	
		MID	64QAM	18.91	18.79	18.66	19.00	
		HIGH	64QAM	18.61	19.00	18.99	19.00	
	6	LOW	64QAM	17.85	17.72	17.65	18.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
	3	1	LOW	QPSK	20.74	20.67	20.52	21.00
MID			QPSK	20.92	20.85	20.74	21.00	
HIGH			QPSK	20.82	20.55	20.56	21.00	
8		LOW	QPSK	19.75	19.74	19.69	20.00	
		MID	QPSK	19.69	19.79	19.85	20.00	
		HIGH	QPSK	19.71	19.73	19.57	20.00	
15		LOW	QPSK	19.77	19.64	19.62	20.00	
3		1	LOW	Q16	19.69	19.58	19.71	20.00
			MID	Q16	19.65	19.54	19.65	20.00
	HIGH		Q16	19.79	19.64	19.61	20.00	
	8	LOW	Q16	18.95	18.74	18.67	19.00	
		MID	Q16	18.74	18.78	18.58	19.00	
		HIGH	Q16	18.93	18.83	18.50	19.00	
	15	LOW	Q16	18.85	18.86	18.72	19.00	
	3	1	LOW	64QAM	18.84	18.92	18.59	19.00
			MID	64QAM	18.91	18.71	18.57	19.00
HIGH			64QAM	18.85	18.93	18.58	19.00	
8		LOW	64QAM	17.74	17.97	17.68	18.00	
		MID	64QAM	17.99	17.99	17.81	18.00	
		HIGH	64QAM	17.71	17.82	17.54	18.00	
15		LOW	64QAM	17.69	17.90	17.65	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	20.76	20.81	20.66	21.00
	MID		QPSK	20.97	20.75	20.65	21.00	
	HIGH		QPSK	20.64	20.52	20.45	21.00	
	12	LOW	QPSK	19.95	19.60	19.53	20.00	
		MID	QPSK	19.79	19.75	19.68	20.00	
		HIGH	QPSK	19.86	19.55	19.58	20.00	
	25	LOW	QPSK	19.83	19.71	19.64	20.00	
	5	1	LOW	Q16	19.81	19.75	19.73	20.00
			MID	Q16	19.72	19.80	20.00	20.00
HIGH			Q16	19.71	19.75	19.75	20.00	
12		LOW	Q16	18.89	18.74	18.73	19.00	
		MID	Q16	18.94	18.93	18.81	19.00	
		HIGH	Q16	18.80	18.84	18.64	19.00	
25		LOW	Q16	18.89	18.65	18.83	19.00	
5		1	LOW	64QAM	18.89	18.90	18.95	19.00
			MID	64QAM	18.82	18.86	18.74	19.00
	HIGH		64QAM	18.75	18.66	18.77	19.00	
	12	LOW	64QAM	17.73	17.82	17.61	18.00	
		MID	64QAM	17.97	17.61	17.46	18.00	
		HIGH	64QAM	17.75	17.86	17.60	18.00	
	25	LOW	64QAM	17.86	17.62	17.71	18.00	

LTE B26-Full Power -ANT1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	20.75	20.79	20.62	21.00
		MID	QPSK	20.67	20.89	20.75	21.00
		HIGH	QPSK	20.61	20.73	20.45	21.00
	25	LOW	QPSK	19.82	19.77	19.73	20.00
		MID	QPSK	19.78	19.82	19.62	20.00
		HIGH	QPSK	19.78	19.66	19.52	20.00
50	LOW	QPSK	19.84	19.74	19.69	20.00	
10	1	LOW	Q16	19.76	19.75	19.82	20.00
		MID	Q16	19.74	19.89	19.84	20.00
		HIGH	Q16	19.72	19.75	19.74	20.00
	25	LOW	Q16	18.96	18.63	18.80	19.00
		MID	Q16	18.73	18.67	18.75	19.00
		HIGH	Q16	18.70	18.63	18.64	19.00
50	LOW	Q16	18.69	18.78	18.81	19.00	
10	1	LOW	64QAM	18.72	18.94	18.73	19.00
		MID	64QAM	18.80	18.84	18.92	19.00
		HIGH	64QAM	18.77	18.72	18.76	19.00
	25	LOW	64QAM	17.72	17.79	17.72	18.00
		MID	64QAM	17.90	17.74	17.48	18.00
		HIGH	64QAM	17.87	17.85	17.63	18.00
50	LOW	64QAM	17.85	17.68	17.65	18.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	20.77	20.76	20.65	21.00
		MID	QPSK	20.70	20.75	20.72	21.00
		HIGH	QPSK	20.67	20.65	20.52	21.00
	36	LOW	QPSK	19.70	19.68	19.68	20.00
		MID	QPSK	19.74	19.76	19.71	20.00
		HIGH	QPSK	19.72	19.68	19.60	20.00
75	LOW	QPSK	19.84	19.71	19.69	20.00	
15	1	LOW	Q16	19.81	19.90	19.86	20.00
		MID	Q16	19.90	19.91	19.98	20.00
		HIGH	Q16	19.67	19.77	19.80	20.00
	36	LOW	Q16	18.90	18.74	18.69	19.00
		MID	Q16	18.88	18.81	18.71	19.00
		HIGH	Q16	18.83	18.75	18.61	19.00
75	LOW	Q16	18.81	18.79	18.69	19.00	
15	1	LOW	64QAM	18.86	18.94	18.94	19.00
		MID	64QAM	18.80	18.87	18.72	19.00
		HIGH	64QAM	18.81	18.68	18.77	19.00
	36	LOW	64QAM	17.96	17.81	17.59	18.00
		MID	64QAM	17.91	17.74	17.60	18.00
		HIGH	64QAM	17.77	17.90	17.74	18.00
75	LOW	64QAM	17.82	17.77	17.61	18.00	

8.3.9 LTE Band26 Output Power

LTE B26-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	19.47	19.67	19.33	20.00	
		MID	QPSK	19.70	19.43	19.40	20.00	
		HIGH	QPSK	19.33	19.52	19.31	20.00	
	3	LOW	QPSK	19.61	19.44	19.45	20.00	
		MID	QPSK	19.55	19.38	19.37	20.00	
		HIGH	QPSK	19.44	19.45	19.30	20.00	
	6	LOW	QPSK	18.53	18.46	18.38	19.00	
	1.4	1	LOW	Q16	18.72	18.70	18.75	19.00
			MID	Q16	18.81	18.65	18.86	19.00
HIGH			Q16	18.43	18.88	18.65	19.00	
3		LOW	Q16	18.56	18.68	18.83	19.00	
		MID	Q16	18.56	18.97	18.97	19.00	
		HIGH	Q16	18.40	18.75	18.79	19.00	
6		LOW	Q16	17.82	17.45	17.35	18.00	
1.4		1	LOW	64QAM	17.83	17.71	17.88	18.00
			MID	64QAM	17.91	17.94	17.91	18.00
	HIGH		64QAM	17.52	17.94	17.55	18.00	
	3	LOW	64QAM	17.69	17.71	17.68	18.00	
		MID	64QAM	17.60	17.63	17.86	18.00	
		HIGH	64QAM	17.38	17.67	17.81	18.00	
	6	LOW	64QAM	16.77	16.57	16.42	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
	3	1	LOW	QPSK	19.71	19.45	19.34	20.00
MID			QPSK	19.56	19.64	19.43	20.00	
HIGH			QPSK	19.58	19.46	19.36	20.00	
8		LOW	QPSK	18.62	18.33	18.39	19.00	
		MID	QPSK	18.63	18.46	18.30	19.00	
		HIGH	QPSK	18.63	18.51	18.30	19.00	
15		LOW	QPSK	18.79	18.56	18.40	19.00	
3		1	LOW	Q16	18.56	18.85	18.92	19.00
			MID	Q16	18.79	18.83	18.82	19.00
	HIGH		Q16	18.36	18.75	18.68	19.00	
	8	LOW	Q16	17.54	17.47	17.54	18.00	
		MID	Q16	17.79	17.68	17.50	18.00	
		HIGH	Q16	17.83	17.41	17.42	18.00	
	15	LOW	Q16	17.68	17.32	17.36	18.00	
	3	1	LOW	64QAM	17.67	17.84	17.80	18.00
			MID	64QAM	17.96	17.71	17.61	18.00
HIGH			64QAM	17.61	17.69	17.84	18.00	
8		LOW	64QAM	16.75	16.67	16.23	17.00	
		MID	64QAM	16.57	16.62	16.22	17.00	
		HIGH	64QAM	16.82	16.38	16.33	17.00	
15		LOW	64QAM	16.72	16.42	16.35	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	19.69	19.62	19.27	20.00
	MID		QPSK	19.51	19.50	19.48	20.00	
	HIGH		QPSK	19.50	19.46	19.32	20.00	
	12	LOW	QPSK	18.70	18.49	18.54	19.00	
		MID	QPSK	18.54	18.61	18.38	19.00	
		HIGH	QPSK	18.63	18.26	18.34	19.00	
	25	LOW	QPSK	18.74	18.59	18.33	19.00	
	5	1	LOW	Q16	18.64	19.00	18.78	19.00
			MID	Q16	18.71	18.90	18.83	19.00
HIGH			Q16	18.57	18.75	18.87	19.00	
12		LOW	Q16	17.68	17.60	17.33	18.00	
		MID	Q16	17.75	17.46	17.40	18.00	
		HIGH	Q16	17.83	17.64	17.21	18.00	
25		LOW	Q16	17.81	17.53	17.46	18.00	
5		1	LOW	64QAM	17.60	17.83	17.92	18.00
			MID	64QAM	17.83	17.72	17.81	18.00
	HIGH		64QAM	17.47	17.66	17.88	18.00	
	12	LOW	64QAM	16.61	16.72	16.44	17.00	
		MID	64QAM	16.81	16.43	16.32	17.00	
		HIGH	64QAM	16.87	16.41	16.26	17.00	
	25	LOW	64QAM	16.53	16.49	16.40	17.00	

LTE B26-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	19.70	19.55	19.50	20.00
		MID	QPSK	19.67	19.40	19.40	20.00
		HIGH	QPSK	19.38	19.37	19.25	20.00
	25	LOW	QPSK	18.52	18.39	18.36	19.00
		MID	QPSK	18.81	18.37	18.34	19.00
		HIGH	QPSK	18.54	18.53	18.30	19.00
50	LOW	QPSK	18.72	18.37	18.46	19.00	
10	1	LOW	Q16	18.71	18.65	18.98	19.00
		MID	Q16	18.67	18.84	18.88	19.00
		HIGH	Q16	18.41	18.70	18.85	19.00
	25	LOW	Q16	17.77	17.65	17.37	18.00
		MID	Q16	17.52	17.64	17.36	18.00
		HIGH	Q16	17.68	17.43	17.19	18.00
50	LOW	Q16	17.72	17.35	17.32	18.00	
10	1	LOW	64QAM	17.54	17.98	17.83	18.00
		MID	64QAM	17.70	17.97	17.69	18.00
		HIGH	64QAM	17.58	17.71	17.92	18.00
	25	LOW	64QAM	16.56	16.53	16.16	17.00
		MID	64QAM	16.54	16.40	16.13	17.00
		HIGH	64QAM	16.69	16.46	16.29	17.00
50	LOW	64QAM	16.79	16.48	16.45	17.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	19.55	19.56	19.35	20.00
		MID	QPSK	19.52	19.53	19.43	20.00
		HIGH	QPSK	19.44	19.37	19.21	20.00
	36	LOW	QPSK	18.65	18.45	18.40	19.00
		MID	QPSK	18.67	18.49	18.40	19.00
		HIGH	QPSK	18.60	18.40	18.29	19.00
75	LOW	QPSK	18.67	18.47	18.37	19.00	
15	1	LOW	Q16	18.62	18.98	18.89	19.00
		MID	Q16	18.69	18.97	18.96	19.00
		HIGH	Q16	18.48	18.74	18.76	19.00
	36	LOW	Q16	17.67	17.52	17.44	18.00
		MID	Q16	17.67	17.58	17.36	18.00
		HIGH	Q16	17.69	17.51	17.28	18.00
75	LOW	Q16	17.67	17.42	17.37	18.00	
15	1	LOW	64QAM	17.62	17.88	17.82	18.00
		MID	64QAM	17.81	17.64	17.96	18.00
		HIGH	64QAM	17.46	17.81	17.87	18.00
	36	LOW	64QAM	16.66	16.64	16.29	17.00
		MID	64QAM	16.67	16.50	16.27	17.00
		HIGH	64QAM	16.76	16.48	16.20	17.00
75	LOW	64QAM	16.64	16.53	16.50	17.00	

8.3.10 LTE Band66 Output Power

LTE B66-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)	
1.4	1	LOW	QPSK	20.56	20.68	20.91	21.50	
		MID	QPSK	20.96	21.23	21.19	21.50	
		HIGH	QPSK	20.92	21.01	20.73	21.50	
	3	LOW	QPSK	20.75	20.60	20.86	21.50	
		MID	QPSK	20.86	20.96	21.36	21.50	
		HIGH	QPSK	20.87	21.08	20.87	21.50	
	6	LOW	QPSK	19.69	19.94	20.07	20.50	
	1.4	1	LOW	Q16	20.10	20.40	20.36	20.50
			MID	Q16	20.12	20.28	20.28	20.50
HIGH			Q16	20.34	20.15	20.28	20.50	
3		LOW	Q16	20.21	19.84	20.11	20.50	
		MID	Q16	20.43	20.15	20.45	20.50	
		HIGH	Q16	20.43	20.04	20.33	20.50	
6		LOW	Q16	18.78	18.94	19.12	19.50	
1.4		1	LOW	64QAM	19.06	19.27	19.30	19.50
			MID	64QAM	19.39	19.40	19.14	19.50
	HIGH		64QAM	19.43	19.01	19.41	19.50	
	3	LOW	64QAM	19.23	18.80	19.37	19.50	
		MID	64QAM	19.16	19.12	19.30	19.50	
		HIGH	64QAM	19.35	19.13	19.21	19.50	
	6	LOW	64QAM	17.81	17.89	18.26	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
	3	1	LOW	QPSK	20.71	20.90	21.03	21.50
MID			QPSK	20.77	21.25	21.13	21.50	
HIGH			QPSK	20.66	21.10	20.81	21.50	
8		LOW	QPSK	19.81	19.96	20.11	20.50	
		MID	QPSK	19.86	20.11	20.12	20.50	
		HIGH	QPSK	19.92	20.12	20.15	20.50	
15		LOW	QPSK	19.93	19.91	20.30	20.50	
3		1	LOW	Q16	20.30	20.16	20.48	20.50
			MID	Q16	20.50	20.04	20.22	20.50
	HIGH		Q16	20.42	20.13	20.28	20.50	
	8	LOW	Q16	18.80	18.82	19.38	19.50	
		MID	Q16	19.07	19.09	19.33	19.50	
		HIGH	Q16	18.76	19.04	19.35	19.50	
	15	LOW	Q16	18.81	18.94	19.17	19.50	
	3	1	LOW	64QAM	19.31	19.32	19.39	19.50
			MID	64QAM	19.40	19.10	19.21	19.50
HIGH			64QAM	19.16	19.26	19.27	19.50	
8		LOW	64QAM	18.05	17.98	18.17	18.50	
		MID	64QAM	18.02	17.94	18.32	18.50	
		HIGH	64QAM	17.76	18.02	18.25	18.50	
15		LOW	64QAM	17.58	18.02	18.25	18.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5		1	LOW	QPSK	20.71	20.79	21.06	21.50
	MID		QPSK	20.90	21.14	21.40	21.50	
	HIGH		QPSK	20.70	21.25	20.70	21.50	
	12	LOW	QPSK	19.64	19.74	20.20	20.50	
		MID	QPSK	19.97	20.22	20.25	20.50	
		HIGH	QPSK	19.96	20.13	20.31	20.50	
	25	LOW	QPSK	19.79	20.06	20.29	20.50	
	5	1	LOW	Q16	20.26	20.31	20.11	20.50
			MID	Q16	20.11	20.09	20.36	20.50
HIGH			Q16	20.17	20.16	20.31	20.50	
12		LOW	Q16	18.90	18.85	19.17	19.50	
		MID	Q16	18.86	19.21	19.11	19.50	
		HIGH	Q16	18.74	19.11	19.23	19.50	
25		LOW	Q16	18.89	19.00	19.24	19.50	
5		1	LOW	64QAM	19.26	19.28	19.13	19.50
			MID	64QAM	19.32	19.02	19.21	19.50
	HIGH		64QAM	19.09	19.14	19.40	19.50	
	12	LOW	64QAM	18.13	17.84	18.13	18.50	
		MID	64QAM	17.82	17.98	18.22	18.50	
		HIGH	64QAM	17.93	18.16	18.19	18.50	
	25	LOW	64QAM	17.76	17.92	18.34	18.50	

LTE B66-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.59	20.68	20.83	21.50
		MID	QPSK	20.83	21.19	21.15	21.50
		HIGH	QPSK	20.94	20.97	20.89	21.50
	25	LOW	QPSK	19.78	19.75	20.41	20.50
		MID	QPSK	19.98	20.12	20.09	20.50
		HIGH	QPSK	19.73	20.11	20.12	20.50
50	LOW	QPSK	19.69	19.84	20.08	20.50	
10	1	LOW	Q16	20.09	20.40	20.15	20.50
		MID	Q16	20.15	20.06	20.18	20.50
		HIGH	Q16	20.17	20.01	20.37	20.50
	25	LOW	Q16	18.83	18.82	19.30	19.50
		MID	Q16	18.87	19.14	19.12	19.50
		HIGH	Q16	18.86	19.17	19.12	19.50
50	LOW	Q16	18.94	18.84	19.31	19.50	
10	1	LOW	64QAM	19.27	19.43	19.49	19.50
		MID	64QAM	19.16	19.20	19.25	19.50
		HIGH	64QAM	19.38	19.07	19.12	19.50
	25	LOW	64QAM	17.85	18.01	18.21	18.50
		MID	64QAM	17.81	18.01	18.24	18.50
		HIGH	64QAM	17.86	18.05	18.22	18.50
50	LOW	64QAM	17.73	17.94	18.43	18.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.86	20.72	20.97	21.50
		MID	QPSK	21.02	21.14	21.26	21.50
		HIGH	QPSK	20.75	21.22	20.90	21.50
	36	LOW	QPSK	19.88	19.79	20.33	20.50
		MID	QPSK	19.82	20.05	20.11	20.50
		HIGH	QPSK	19.96	20.17	20.22	20.50
75	LOW	QPSK	19.75	19.91	20.25	20.50	
15	1	LOW	Q16	20.12	20.29	20.12	20.50
		MID	Q16	20.35	20.29	20.17	20.50
		HIGH	Q16	20.36	20.21	20.38	20.50
	36	LOW	Q16	18.90	18.99	19.18	19.50
		MID	Q16	18.98	19.18	19.07	19.50
		HIGH	Q16	18.73	18.94	19.09	19.50
75	LOW	Q16	18.95	18.81	19.17	19.50	
15	1	LOW	64QAM	19.24	19.34	19.28	19.50
		MID	64QAM	19.42	19.29	19.16	19.50
		HIGH	64QAM	19.21	19.05	19.31	19.50
	36	LOW	64QAM	17.83	17.91	18.31	18.50
		MID	64QAM	17.77	18.12	18.25	18.50
		HIGH	64QAM	17.78	18.19	18.35	18.50
75	LOW	64QAM	17.68	18.10	18.32	18.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.71	20.75	20.95	21.50
		MID	QPSK	20.92	21.11	21.10	21.50
		HIGH	QPSK	20.80	21.12	20.84	21.50
	50	LOW	QPSK	19.79	19.84	20.26	20.50
		MID	QPSK	19.89	20.07	20.23	20.50
		HIGH	QPSK	19.83	20.09	20.20	20.50
100	LOW	QPSK	19.80	19.94	20.19	20.50	
20	1	LOW	Q16	20.19	20.25	20.41	20.50
		MID	Q16	20.45	20.15	20.32	20.50
		HIGH	Q16	20.29	20.15	20.30	20.50
	50	LOW	Q16	18.83	18.87	19.27	19.50
		MID	Q16	18.94	19.09	19.22	19.50
		HIGH	Q16	18.83	19.08	19.21	19.50
100	LOW	Q16	18.81	18.95	19.25	19.50	
20	1	LOW	64QAM	19.29	19.39	19.41	19.50
		MID	64QAM	19.45	19.16	19.26	19.50
		HIGH	64QAM	19.24	19.15	19.38	19.50
	50	LOW	64QAM	17.98	17.91	18.21	18.50
		MID	64QAM	17.92	18.03	18.23	18.50
		HIGH	64QAM	17.84	18.15	18.21	18.50
100	LOW	64QAM	17.73	17.97	18.35	18.50	

8.3.10 LTE Band66 Output Power

LTE B66-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)	
1.4	1	LOW	QPSK	19.36	19.56	19.54	20.00	
		MID	QPSK	19.52	19.71	19.71	20.00	
		HIGH	QPSK	19.52	19.71	19.77	20.00	
	3	LOW	QPSK	19.20	19.45	19.80	20.00	
		MID	QPSK	19.49	19.61	19.92	20.00	
		HIGH	QPSK	19.58	19.93	19.60	20.00	
	6	LOW	QPSK	18.44	18.56	18.76	19.00	
	1.4	1	LOW	Q16	18.72	18.87	18.72	19.00
			MID	Q16	18.66	18.85	18.61	19.00
HIGH			Q16	18.86	18.96	18.69	19.00	
3		LOW	Q16	18.85	18.52	18.85	19.00	
		MID	Q16	18.78	19.00	18.68	19.00	
		HIGH	Q16	18.95	18.98	18.68	19.00	
6		LOW	Q16	17.56	17.60	17.90	18.00	
1.4		1	LOW	64QAM	17.72	17.98	17.72	18.00
			MID	64QAM	17.61	17.99	17.47	18.00
	HIGH		64QAM	17.82	17.91	17.61	18.00	
	3	LOW	64QAM	17.77	17.63	17.94	18.00	
		MID	64QAM	17.75	17.65	17.62	18.00	
		HIGH	64QAM	17.66	17.90	17.80	18.00	
	6	LOW	64QAM	16.47	16.69	16.80	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
	3	1	LOW	QPSK	19.19	19.57	19.73	20.00
MID			QPSK	19.55	19.68	20.00	20.00	
HIGH			QPSK	19.56	19.66	19.61	20.00	
8		LOW	QPSK	18.25	18.44	18.68	19.00	
		MID	QPSK	18.54	18.82	18.84	19.00	
		HIGH	QPSK	18.38	18.72	18.88	19.00	
15		LOW	QPSK	18.32	18.56	18.86	19.00	
3		1	LOW	Q16	18.86	18.82	18.85	19.00
			MID	Q16	18.71	18.92	18.60	19.00
	HIGH		Q16	18.81	18.81	18.76	19.00	
	8	LOW	Q16	17.21	17.54	17.80	18.00	
		MID	Q16	17.55	17.89	17.86	18.00	
		HIGH	Q16	17.58	17.69	17.78	18.00	
	15	LOW	Q16	17.30	17.57	17.76	18.00	
	3	1	LOW	64QAM	17.74	17.98	17.64	18.00
			MID	64QAM	17.63	17.73	17.65	18.00
HIGH			64QAM	17.80	17.57	17.69	18.00	
8		LOW	64QAM	16.39	16.54	16.66	17.00	
		MID	64QAM	16.54	16.68	16.94	17.00	
		HIGH	64QAM	16.56	16.88	16.98	17.00	
15		LOW	64QAM	16.36	16.62	16.81	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5		1	LOW	QPSK	19.33	19.32	19.68	20.00
	MID		QPSK	19.54	19.85	19.68	20.00	
	HIGH		QPSK	19.46	19.90	19.73	20.00	
	12	LOW	QPSK	18.27	18.60	18.89	19.00	
		MID	QPSK	18.42	18.83	18.95	19.00	
		HIGH	QPSK	18.55	18.88	18.84	19.00	
	25	LOW	QPSK	18.49	18.75	18.94	19.00	
	5	1	LOW	Q16	18.74	18.80	18.81	19.00
			MID	Q16	18.61	18.97	18.60	19.00
HIGH			Q16	18.84	18.87	18.54	19.00	
12		LOW	Q16	17.34	17.43	17.90	18.00	
		MID	Q16	17.64	17.82	17.85	18.00	
		HIGH	Q16	17.47	17.83	17.86	18.00	
25		LOW	Q16	17.37	17.70	17.86	18.00	
5		1	LOW	64QAM	17.83	17.66	17.69	18.00
			MID	64QAM	17.70	17.65	17.87	18.00
	HIGH		64QAM	17.65	17.76	17.58	18.00	
	12	LOW	64QAM	16.47	16.59	16.95	17.00	
		MID	64QAM	16.62	16.54	17.00	17.00	
		HIGH	64QAM	16.63	16.77	16.87	17.00	
	25	LOW	64QAM	16.49	16.72	16.87	17.00	

LTE B66-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)	
10	1	LOW	QPSK	19.43	19.61	19.72	20.00	
		MID	QPSK	19.62	19.85	19.94	20.00	
		HIGH	QPSK	19.55	19.85	19.69	20.00	
	25	LOW	QPSK	18.40	18.59	18.83	19.00	
		MID	QPSK	18.45	18.74	18.64	19.00	
		HIGH	QPSK	18.46	18.66	18.93	19.00	
	50	LOW	QPSK	18.44	18.62	18.90	19.00	
	10	1	LOW	Q16	18.89	18.78	18.58	19.00
			MID	Q16	18.53	18.93	18.51	19.00
HIGH			Q16	18.90	18.88	18.52	19.00	
25		LOW	Q16	17.23	17.47	17.84	18.00	
		MID	Q16	17.62	17.70	17.82	18.00	
		HIGH	Q16	17.53	17.85	17.72	18.00	
50		LOW	Q16	17.41	17.67	17.61	18.00	
10		1	LOW	64QAM	17.55	17.94	17.93	18.00
			MID	64QAM	17.69	17.64	17.68	18.00
	HIGH		64QAM	17.74	17.61	17.81	18.00	
	25	LOW	64QAM	16.19	16.65	16.68	17.00	
		MID	64QAM	16.72	16.58	16.67	17.00	
		HIGH	64QAM	16.43	16.77	16.82	17.00	
	50	LOW	64QAM	16.41	16.83	16.85	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
	15	1	LOW	QPSK	19.37	19.56	19.72	20.00
MID			QPSK	19.58	19.73	19.72	20.00	
HIGH			QPSK	19.40	19.87	19.48	20.00	
36		LOW	QPSK	18.30	18.59	18.98	19.00	
		MID	QPSK	18.57	18.77	18.83	19.00	
		HIGH	QPSK	18.33	18.90	18.80	19.00	
75		LOW	QPSK	18.27	18.75	18.61	19.00	
15		1	LOW	Q16	18.83	18.89	18.60	19.00
			MID	Q16	18.69	18.75	18.54	19.00
	HIGH		Q16	18.90	18.95	18.52	19.00	
	36	LOW	Q16	17.25	17.57	17.64	18.00	
		MID	Q16	17.38	17.68	17.69	18.00	
		HIGH	Q16	17.31	17.80	17.80	18.00	
	75	LOW	Q16	17.46	17.73	17.80	18.00	
	15	1	LOW	64QAM	17.79	17.68	17.74	18.00
			MID	64QAM	17.74	17.83	17.73	18.00
HIGH			64QAM	17.92	17.84	17.69	18.00	
36		LOW	64QAM	16.28	16.46	16.74	17.00	
		MID	64QAM	16.73	16.57	16.83	17.00	
		HIGH	64QAM	16.54	16.87	16.96	17.00	
75		LOW	64QAM	16.56	16.72	16.91	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20		1	LOW	QPSK	19.30	19.46	19.65	20.00
	MID		QPSK	19.53	19.75	19.55	20.00	
	HIGH		QPSK	19.46	19.80	19.62	20.00	
	50	LOW	QPSK	18.29	18.56	18.96	19.00	
		MID	QPSK	18.49	18.75	18.94	19.00	
		HIGH	QPSK	18.43	18.76	18.90	19.00	
	100	LOW	QPSK	18.38	18.66	18.90	19.00	
	20	1	LOW	Q16	18.79	18.90	18.70	19.00
			MID	Q16	18.66	18.83	18.66	19.00
HIGH			Q16	18.91	18.85	18.66	19.00	
50		LOW	Q16	17.33	17.55	17.94	18.00	
		MID	Q16	17.53	17.76	17.95	18.00	
		HIGH	Q16	17.46	17.81	17.87	18.00	
100		LOW	Q16	17.41	17.64	17.89	18.00	
20		1	LOW	64QAM	17.69	17.96	17.79	18.00
			MID	64QAM	17.66	17.68	17.79	18.00
	HIGH		64QAM	17.66	17.70	17.72	18.00	
	50	LOW	64QAM	16.32	16.58	16.62	17.00	
		MID	64QAM	16.65	16.62	16.69	17.00	
		HIGH	64QAM	16.52	16.83	16.86	17.00	
	100	LOW	64QAM	16.50	16.69	16.82	17.00	

8.3.11 LTE Band38 Output Power

LTE B38-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	21.17	20.86	20.89	22.00	
		MID	QPSK	21.08	21.13	21.10	22.00	
		HIGH	QPSK	21.01	21.03	20.84	22.00	
	12	LOW	QPSK	20.02	20.06	19.88	21.00	
		MID	QPSK	20.08	20.02	19.95	21.00	
		HIGH	QPSK	20.19	20.13	20.10	21.00	
	25	LOW	QPSK	20.03	20.03	19.81	21.00	
	5	1	LOW	Q16	20.04	19.93	19.84	21.00
			MID	Q16	20.19	20.05	20.08	21.00
HIGH			Q16	19.97	19.73	19.89	21.00	
12		LOW	Q16	18.99	19.02	18.99	20.00	
		MID	Q16	19.26	19.13	19.02	20.00	
		HIGH	Q16	18.93	19.07	19.00	20.00	
25		LOW	Q16	19.06	19.03	18.88	20.00	
5		1	LOW	64QAM	19.07	18.92	19.18	20.00
			MID	64QAM	19.10	19.01	19.17	20.00
	HIGH		64QAM	19.09	18.91	18.97	20.00	
	12	LOW	64QAM	18.08	18.00	18.01	19.00	
		MID	64QAM	18.17	18.15	17.95	19.00	
		HIGH	64QAM	18.00	18.12	17.85	19.00	
	25	LOW	64QAM	18.14	18.02	17.84	19.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	21.17	21.02	20.77	22.00
MID			QPSK	21.20	21.12	21.20	22.00	
HIGH			QPSK	21.14	20.75	21.00	22.00	
25		LOW	QPSK	20.21	19.96	19.96	21.00	
		MID	QPSK	20.05	20.02	20.07	21.00	
		HIGH	QPSK	20.23	20.15	19.85	21.00	
50		LOW	QPSK	20.00	19.88	19.85	21.00	
10		1	LOW	Q16	20.11	19.98	20.02	21.00
			MID	Q16	20.12	20.14	20.37	21.00
	HIGH		Q16	20.03	19.93	20.19	21.00	
	25	LOW	Q16	19.04	19.11	19.07	20.00	
		MID	Q16	19.13	19.04	18.98	20.00	
		HIGH	Q16	19.03	18.96	18.92	20.00	
	50	LOW	Q16	19.22	19.07	19.09	20.00	
	10	1	LOW	64QAM	19.03	18.66	19.02	20.00
			MID	64QAM	19.14	19.13	19.11	20.00
HIGH			64QAM	19.25	18.78	19.03	20.00	
25		LOW	64QAM	18.31	18.06	18.26	19.00	
		MID	64QAM	18.15	17.88	18.07	19.00	
		HIGH	64QAM	18.13	17.96	18.01	19.00	
50		LOW	64QAM	18.34	17.99	17.67	19.00	

LTE B38-Full Power -Ant.2								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	
15	1	LOW	QPSK	20.90	20.98	20.73	22.00	
		MID	QPSK	21.16	21.09	21.14	22.00	
		HIGH	QPSK	20.91	21.02	20.78	22.00	
	36	LOW	QPSK	20.13	19.97	20.13	21.00	
		MID	QPSK	20.19	19.97	19.93	21.00	
		HIGH	QPSK	20.21	20.02	19.84	21.00	
	75	LOW	QPSK	20.19	20.13	19.81	21.00	
	15	1	LOW	Q16	20.12	19.80	19.98	21.00
			MID	Q16	20.16	20.00	20.11	21.00
HIGH			Q16	20.09	19.77	20.12	21.00	
36		LOW	Q16	19.09	18.95	19.09	20.00	
		MID	Q16	19.23	19.07	19.02	20.00	
		HIGH	Q16	18.88	18.89	19.09	20.00	
75		LOW	Q16	19.08	18.87	18.87	20.00	
15		1	LOW	64QAM	19.25	18.75	19.13	20.00
			MID	64QAM	19.28	18.98	19.22	20.00
	HIGH		64QAM	19.16	18.78	18.80	20.00	
	36	LOW	64QAM	18.02	18.16	18.29	19.00	
		MID	64QAM	18.37	17.99	17.94	19.00	
		HIGH	64QAM	18.00	18.19	18.09	19.00	
	75	LOW	64QAM	18.10	18.21	17.91	19.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	21.04	20.92	20.86	22.00
MID			QPSK	21.18	21.12	21.06	22.00	
HIGH			QPSK	20.99	20.90	20.93	22.00	
50		LOW	QPSK	20.07	20.07	19.98	21.00	
		MID	QPSK	20.18	20.10	20.05	21.00	
		HIGH	QPSK	20.11	20.01	19.98	21.00	
100		LOW	QPSK	20.07	20.01	19.92	21.00	
20		1	LOW	Q16	19.99	19.86	19.99	21.00
			MID	Q16	20.20	20.08	20.22	21.00
	HIGH		Q16	19.97	19.85	20.04	21.00	
	50	LOW	Q16	19.05	19.06	19.00	20.00	
		MID	Q16	19.17	19.09	19.09	20.00	
		HIGH	Q16	19.03	18.99	19.02	20.00	
	100	LOW	Q16	19.10	18.98	18.95	20.00	
	20	1	LOW	64QAM	19.13	18.81	19.03	20.00
			MID	64QAM	19.16	19.02	19.26	20.00
HIGH			64QAM	19.11	18.77	18.94	20.00	
50		LOW	64QAM	18.17	18.09	18.15	19.00	
		MID	64QAM	18.30	18.03	17.99	19.00	
		HIGH	64QAM	18.00	18.09	17.99	19.00	
100		LOW	64QAM	18.21	18.11	17.81	19.00	

8.3.11 LTE Band38 Output Power

LTE B38-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	19.71	19.52	19.63	20.00	
		MID	QPSK	19.93	19.95	19.68	20.00	
		HIGH	QPSK	19.59	19.58	19.60	20.00	
	12	LOW	QPSK	18.67	18.65	18.84	19.00	
		MID	QPSK	19.00	18.91	18.68	19.00	
		HIGH	QPSK	18.88	18.79	18.85	19.00	
	25	LOW	QPSK	18.88	18.81	18.58	19.00	
	5	1	LOW	Q16	18.86	18.59	18.73	19.00
			MID	Q16	18.84	18.79	18.64	19.00
HIGH			Q16	18.55	18.65	18.92	19.00	
12		LOW	Q16	17.71	17.80	17.71	18.00	
		MID	Q16	17.87	17.76	17.70	18.00	
		HIGH	Q16	17.89	17.69	17.89	18.00	
25		LOW	Q16	17.67	17.77	17.58	18.00	
5		1	LOW	64QAM	17.71	17.47	17.85	18.00
			MID	64QAM	17.62	17.85	17.92	18.00
	HIGH		64QAM	17.61	17.72	17.82	18.00	
	12	LOW	64QAM	16.87	16.70	16.83	17.00	
		MID	64QAM	16.75	16.77	16.86	17.00	
		HIGH	64QAM	16.56	16.58	16.70	17.00	
	25	LOW	64QAM	16.86	16.84	16.42	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	19.67	19.64	19.65	20.00
MID			QPSK	19.62	19.89	19.72	20.00	
HIGH			QPSK	19.59	19.70	19.83	20.00	
25		LOW	QPSK	18.62	18.79	18.81	19.00	
		MID	QPSK	18.82	18.88	18.85	19.00	
		HIGH	QPSK	18.64	18.85	18.65	19.00	
50		LOW	QPSK	18.83	18.70	18.55	19.00	
10		1	LOW	Q16	18.86	18.66	18.71	19.00
			MID	Q16	18.89	18.85	18.86	19.00
	HIGH		Q16	18.80	18.49	18.99	19.00	
	25	LOW	Q16	17.85	17.85	17.80	18.00	
		MID	Q16	17.68	17.96	17.83	18.00	
		HIGH	Q16	17.65	17.76	17.85	18.00	
	50	LOW	Q16	17.66	17.66	17.85	18.00	
	10	1	LOW	64QAM	17.67	17.59	17.63	18.00
			MID	64QAM	17.93	17.71	17.86	18.00
HIGH			64QAM	17.67	17.70	17.84	18.00	
25		LOW	64QAM	16.87	16.50	16.81	17.00	
		MID	64QAM	16.85	16.96	16.99	17.00	
		HIGH	64QAM	16.57	16.70	16.75	17.00	
50		LOW	64QAM	16.64	16.74	16.71	17.00	

LTE B38-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	
15	1	LOW	QPSK	19.65	19.54	19.70	20.00	
		MID	QPSK	19.63	19.98	19.87	20.00	
		HIGH	QPSK	19.77	19.68	19.66	20.00	
	36	LOW	QPSK	18.65	18.67	18.70	19.00	
		MID	QPSK	18.98	18.78	18.68	19.00	
		HIGH	QPSK	18.82	18.83	18.82	19.00	
	75	LOW	QPSK	18.89	18.90	18.70	19.00	
	15	1	LOW	Q16	18.82	18.70	18.62	19.00
			MID	Q16	18.88	18.79	18.63	19.00
HIGH			Q16	18.53	18.49	18.95	19.00	
36		LOW	Q16	17.74	17.83	17.74	18.00	
		MID	Q16	17.68	17.91	17.94	18.00	
		HIGH	Q16	17.64	17.87	17.90	18.00	
75		LOW	Q16	17.71	17.70	17.62	18.00	
15		1	LOW	64QAM	17.81	17.56	17.75	18.00
			MID	64QAM	17.66	17.73	17.67	18.00
	HIGH		64QAM	17.55	17.61	17.58	18.00	
	36	LOW	64QAM	16.65	16.67	16.80	17.00	
		MID	64QAM	16.98	16.84	16.63	17.00	
		HIGH	64QAM	16.49	16.53	16.85	17.00	
	75	LOW	64QAM	16.87	16.89	16.72	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	19.72	19.64	19.60	20.00
MID			QPSK	19.91	19.87	19.83	20.00	
HIGH			QPSK	19.72	19.67	19.71	20.00	
50		LOW	QPSK	18.73	18.77	18.71	19.00	
		MID	QPSK	18.90	18.87	18.78	19.00	
		HIGH	QPSK	18.78	18.76	18.70	19.00	
100		LOW	QPSK	18.77	18.76	18.68	19.00	
20		1	LOW	Q16	18.71	18.59	18.74	19.00
			MID	Q16	18.86	18.81	18.95	19.00
	HIGH		Q16	18.68	18.60	18.86	19.00	
	50	LOW	Q16	17.72	17.77	17.73	18.00	
		MID	Q16	17.82	17.85	17.83	18.00	
		HIGH	Q16	17.74	17.75	17.76	18.00	
	100	LOW	Q16	17.76	17.71	17.70	18.00	
	20	1	LOW	64QAM	17.75	17.46	17.89	18.00
			MID	64QAM	17.96	17.81	17.80	18.00
HIGH			64QAM	17.54	17.65	17.73	18.00	
50		LOW	64QAM	16.77	16.63	16.68	17.00	
		MID	64QAM	16.85	16.86	16.97	17.00	
		HIGH	64QAM	16.62	16.68	16.81	17.00	
100		LOW	64QAM	16.73	16.74	16.57	17.00	

8.3.12 LTE Band41 Output Power

LTE B41-Full Power -Ant.2										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	21.16	20.85	21.04	21.05	20.98	22.00	
		MID	QPSK	21.40	21.02	21.05	21.30	20.99	22.00	
		HIGH	QPSK	21.16	20.92	20.92	20.93	20.85	22.00	
	12	LOW	QPSK	20.35	20.08	20.08	20.08	20.03	21.00	
		MID	QPSK	20.35	19.91	20.00	20.19	19.83	21.00	
		HIGH	QPSK	20.32	19.95	20.01	19.95	19.94	21.00	
	25	LOW	QPSK	20.32	19.83	19.99	20.14	20.03	21.00	
	5	1	LOW	Q16	20.14	19.83	19.89	19.98	19.73	21.00
			MID	Q16	20.31	19.83	20.02	20.12	20.11	21.00
HIGH			Q16	20.12	19.82	19.94	20.15	19.77	21.00	
12		LOW	Q16	19.35	18.94	18.98	19.08	19.03	20.00	
		MID	Q16	19.24	19.03	19.12	19.27	19.04	20.00	
		HIGH	Q16	19.21	19.09	18.85	19.12	18.91	20.00	
25		LOW	Q16	19.13	19.04	19.02	19.18	18.95	20.00	
5		1	LOW	64QAM	19.22	18.86	19.08	19.25	18.78	20.00
			MID	64QAM	19.26	18.86	18.91	19.22	18.71	20.00
	HIGH		64QAM	19.37	18.86	19.01	19.02	18.87	20.00	
	12	LOW	64QAM	18.21	18.26	18.07	17.89	18.08	19.00	
		MID	64QAM	18.37	18.05	17.91	18.31	18.19	19.00	
		HIGH	64QAM	18.46	17.98	18.16	18.01	18.11	19.00	
	25	LOW	64QAM	18.06	18.03	17.82	18.19	17.99	19.00	
	Bandwidth (MHz)									
	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)	
10	1	LOW	QPSK	21.28	20.92	21.09	21.02	21.07	22.00	
		MID	QPSK	21.25	21.03	21.13	21.12	21.17	22.00	
		HIGH	QPSK	21.13	20.85	21.05	21.00	20.97	22.00	
	25	LOW	QPSK	20.15	20.01	19.93	20.22	20.07	21.00	
		MID	QPSK	20.41	19.98	19.93	19.96	19.87	21.00	
		HIGH	QPSK	20.20	20.02	19.94	19.94	20.03	21.00	
	50	LOW	QPSK	20.21	19.91	20.05	20.06	19.86	21.00	
	10	1	LOW	Q16	20.13	19.82	20.03	20.18	19.68	21.00
			MID	Q16	20.36	20.00	19.97	20.22	19.85	21.00
HIGH			Q16	20.31	19.80	19.93	20.19	19.94	21.00	
25		LOW	Q16	19.38	19.02	18.95	19.05	18.90	20.00	
		MID	Q16	19.49	19.10	18.88	19.19	18.97	20.00	
		HIGH	Q16	19.35	18.91	18.88	19.12	18.83	20.00	
50		LOW	Q16	19.19	18.93	18.91	19.16	18.86	20.00	
10		1	LOW	64QAM	19.32	18.67	19.09	19.05	18.82	20.00
			MID	64QAM	19.22	18.83	19.12	19.14	18.82	20.00
	HIGH		64QAM	19.37	18.92	19.01	19.00	18.90	20.00	
	25	LOW	64QAM	18.16	18.29	17.98	17.99	18.21	19.00	
		MID	64QAM	18.21	17.95	17.96	18.13	18.19	19.00	
		HIGH	64QAM	18.24	18.08	18.04	18.10	18.12	19.00	
	50	LOW	64QAM	18.25	18.03	17.95	18.20	17.93	19.00	

LTE B41-Full Power -Ant.2										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	21.15	20.99	21.09	20.98	21.03	22.00	
		MID	QPSK	21.20	21.21	21.03	21.20	21.00	22.00	
		HIGH	QPSK	21.13	21.01	20.91	21.00	20.93	22.00	
	36	LOW	QPSK	20.18	19.99	20.07	20.06	19.85	21.00	
		MID	QPSK	20.12	19.91	20.00	19.96	19.96	21.00	
		HIGH	QPSK	20.35	20.04	20.02	20.02	19.95	21.00	
	75	LOW	QPSK	20.13	19.87	19.99	20.19	19.89	21.00	
	15	1	LOW	Q16	20.40	19.68	20.02	20.08	19.79	21.00
			MID	Q16	20.28	19.85	19.96	20.38	19.82	21.00
HIGH			Q16	20.24	19.93	20.00	20.16	19.67	21.00	
36		LOW	Q16	19.25	18.94	18.97	19.00	19.08	20.00	
		MID	Q16	19.29	19.14	19.06	19.17	19.05	20.00	
		HIGH	Q16	19.31	19.08	19.01	19.21	18.92	20.00	
75		LOW	Q16	19.37	18.89	19.07	19.07	18.84	20.00	
15		1	LOW	64QAM	19.44	18.80	18.92	19.20	18.88	20.00
			MID	64QAM	19.38	19.08	18.89	19.32	18.76	20.00
	HIGH		64QAM	19.34	19.05	18.95	19.21	18.87	20.00	
	36	LOW	64QAM	18.08	18.20	18.07	17.84	18.23	19.00	
		MID	64QAM	18.16	17.90	18.01	18.26	18.22	19.00	
		HIGH	64QAM	18.28	17.99	18.12	18.03	17.90	19.00	
	75	LOW	64QAM	18.17	17.84	17.91	18.28	17.92	19.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	21.08	20.95	21.00	21.01	20.99	22.00
MID			QPSK	21.11	21.10	21.12	21.10	21.02	22.00	
HIGH			QPSK	21.05	20.96	20.95	21.06	20.99	22.00	
50		LOW	QPSK	20.24	19.95	20.03	20.07	19.95	21.00	
		MID	QPSK	20.27	20.00	20.33	20.10	19.97	21.00	
		HIGH	QPSK	20.27	19.98	19.98	20.05	19.92	21.00	
100		LOW	QPSK	20.25	19.98	20.01	20.11	19.95	21.00	
20		1	LOW	Q16	20.27	19.79	19.95	20.12	19.77	21.00
			MID	Q16	20.37	19.95	20.09	20.26	19.97	21.00
	HIGH		Q16	20.27	19.82	19.93	20.16	19.81	21.00	
	50	LOW	Q16	19.25	18.93	18.96	19.08	18.97	20.00	
		MID	Q16	19.37	18.99	19.02	19.14	19.01	20.00	
		HIGH	Q16	19.27	18.97	18.91	19.12	18.93	20.00	
	100	LOW	Q16	19.28	18.98	19.06	19.09	18.99	20.00	
	20	1	LOW	64QAM	19.35	18.78	18.97	19.20	18.80	20.00
			MID	64QAM	19.26	18.94	19.01	19.22	18.86	20.00
HIGH			64QAM	19.39	19.00	19.10	19.14	18.86	20.00	
50		LOW	64QAM	18.10	18.19	18.05	17.97	18.10	19.00	
		MID	64QAM	18.30	17.97	17.97	18.23	18.11	19.00	
		HIGH	64QAM	18.32	17.99	18.04	17.98	17.98	19.00	
100		LOW	64QAM	18.21	17.95	17.86	18.14	17.94	19.00	

8.3.12 LTE Band41 Output Power

LTE B41-Full Power -Ant.0										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	19.73	19.54	19.82	19.69	19.95	20.00	
		MID	QPSK	19.97	19.73	19.75	19.71	19.79	20.00	
		HIGH	QPSK	19.95	19.99	19.61	19.83	19.72	20.00	
	12	LOW	QPSK	18.71	18.72	18.60	18.84	18.97	19.00	
		MID	QPSK	18.75	18.68	18.86	18.75	18.95	19.00	
		HIGH	QPSK	18.98	18.60	18.57	18.76	18.74	19.00	
	25	LOW	QPSK	18.74	18.63	18.74	18.89	18.84	19.00	
	5	1	LOW	Q16	18.83	18.54	18.66	18.73	18.78	19.00
			MID	Q16	18.89	18.91	18.89	18.95	18.84	19.00
HIGH			Q16	18.87	18.90	18.54	18.73	18.84	19.00	
12		LOW	Q16	17.83	17.58	17.78	17.72	17.85	18.00	
		MID	Q16	17.85	17.74	17.84	17.72	17.97	18.00	
		HIGH	Q16	17.76	17.71	17.73	17.98	17.98	18.00	
25		LOW	Q16	17.92	17.72	17.86	17.94	17.79	18.00	
5		1	LOW	64QAM	17.87	17.87	17.60	17.85	17.69	18.00
			MID	64QAM	17.86	17.81	17.72	17.83	17.95	18.00
	HIGH		64QAM	17.86	17.71	17.79	17.95	17.89	18.00	
	12	LOW	64QAM	16.71	16.53	17.00	16.89	16.74	17.00	
		MID	64QAM	16.73	16.93	16.76	16.69	16.76	17.00	
		HIGH	64QAM	16.78	16.71	16.83	16.98	16.94	17.00	
	25	LOW	64QAM	16.95	16.93	16.86	16.78	16.92	17.00	
	Bandwidth (MHz)									
	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)	
10	1	LOW	QPSK	19.84	19.99	19.80	19.93	19.78	20.00	
		MID	QPSK	19.94	19.61	19.78	19.73	19.71	20.00	
		HIGH	QPSK	19.80	19.68	19.78	19.91	19.91	20.00	
	25	LOW	QPSK	18.87	18.56	18.70	18.81	18.99	19.00	
		MID	QPSK	18.74	18.64	18.66	18.98	18.79	19.00	
		HIGH	QPSK	18.90	18.56	18.76	18.76	18.69	19.00	
50	LOW	QPSK	18.80	18.62	18.65	18.96	18.71	19.00		
10	1	LOW	Q16	18.73	18.87	18.53	18.90	18.66	19.00	
		MID	Q16	18.73	18.73	18.95	19.00	18.76	19.00	
		HIGH	Q16	18.90	18.60	18.70	18.93	18.66	19.00	
	25	LOW	Q16	17.82	17.50	17.71	17.76	17.89	18.00	
		MID	Q16	17.74	17.67	17.76	17.72	17.80	18.00	
		HIGH	Q16	17.92	17.57	17.69	17.91	17.84	18.00	
	50	LOW	Q16	17.86	17.57	17.71	17.81	17.78	18.00	
	10	1	LOW	64QAM	17.98	17.54	17.52	17.94	17.65	18.00
			MID	64QAM	17.95	17.79	17.65	17.85	17.88	18.00
HIGH			64QAM	17.62	17.55	17.83	17.74	17.73	18.00	
25		LOW	64QAM	16.95	16.58	16.85	16.71	16.82	17.00	
		MID	64QAM	16.93	16.88	16.50	16.79	16.72	17.00	
		HIGH	64QAM	16.81	16.52	16.82	16.93	16.87	17.00	
50		LOW	64QAM	16.95	16.70	16.68	16.72	16.78	17.00	

LTE B41-Full Power -Ant.0										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	19.65	19.57	19.76	19.93	19.75	20.00	
		MID	QPSK	19.82	19.70	19.93	19.92	19.83	20.00	
		HIGH	QPSK	19.96	19.51	19.55	19.82	19.81	20.00	
	36	LOW	QPSK	18.74	18.75	18.59	18.81	18.79	19.00	
		MID	QPSK	18.79	18.60	18.85	18.95	18.72	19.00	
		HIGH	QPSK	18.99	18.93	18.78	18.86	18.91	19.00	
	75	LOW	QPSK	18.89	18.83	18.68	18.76	18.85	19.00	
	15	1	LOW	Q16	18.74	19.00	18.59	19.00	18.59	19.00
			MID	Q16	18.91	18.99	18.74	18.73	18.77	19.00
HIGH			Q16	18.74	18.96	18.59	18.72	18.70	19.00	
36		LOW	Q16	17.73	17.53	17.74	18.00	17.75	18.00	
		MID	Q16	17.75	17.69	17.66	17.93	17.78	18.00	
		HIGH	Q16	17.84	17.50	17.61	18.00	17.96	18.00	
75		LOW	Q16	17.90	17.56	17.70	17.80	17.72	18.00	
15		1	LOW	64QAM	17.87	17.96	17.51	17.88	17.67	18.00
			MID	64QAM	17.96	17.95	17.74	17.96	17.83	18.00
	HIGH		64QAM	17.81	17.64	17.81	17.94	17.96	18.00	
	36	LOW	64QAM	16.87	16.99	16.88	16.73	16.93	17.00	
		MID	64QAM	16.93	16.99	16.51	16.80	17.00	17.00	
		HIGH	64QAM	16.76	16.99	16.81	16.87	16.89	17.00	
	75	LOW	64QAM	16.89	16.73	16.86	16.93	16.89	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	19.80	19.61	19.70	19.84	19.89	20.00
MID			QPSK	19.93	19.72	19.99	19.71	19.76	20.00	
HIGH			QPSK	19.81	19.58	19.68	19.90	19.88	20.00	
50		LOW	QPSK	18.82	18.60	18.73	18.92	18.87	19.00	
		MID	QPSK	18.89	18.61	18.99	18.96	18.90	19.00	
		HIGH	QPSK	18.88	18.58	18.68	18.92	18.84	19.00	
100		LOW	QPSK	18.89	18.67	18.72	18.91	18.88	19.00	
20		1	LOW	Q16	18.87	18.93	18.63	18.94	18.70	19.00
			MID	Q16	18.99	18.59	18.80	18.80	18.88	19.00
	HIGH		Q16	18.88	18.98	18.64	18.71	18.75	19.00	
	50	LOW	Q16	17.87	17.55	17.65	17.94	17.87	18.00	
		MID	Q16	17.94	17.62	17.70	17.99	17.86	18.00	
		HIGH	Q16	17.90	17.57	17.65	17.97	17.85	18.00	
	100	LOW	Q16	17.89	17.61	17.77	17.95	17.88	18.00	
	20	1	LOW	64QAM	17.90	17.92	17.57	17.83	17.73	18.00
			MID	64QAM	17.77	17.89	17.72	17.97	17.80	18.00
HIGH			64QAM	17.77	17.70	17.69	17.89	17.90	18.00	
50		LOW	64QAM	16.81	16.60	16.86	16.78	16.96	17.00	
		MID	64QAM	16.80	16.84	16.64	16.84	16.94	17.00	
		HIGH	64QAM	16.72	16.58	16.96	16.92	16.80	17.00	
100		LOW	64QAM	16.72	16.58	16.74	16.80	16.96	17.00	

8.4.1 LTE Band2 Uplink CA Output Power

LTE Uplink 2CA_ Band 2-ANT2 Full power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
18700	18898	20	QPSK	1	High	1	Low	2
18900	19098	20	QPSK	1	High	1	Low	2
19100	18902	20	QPSK	1	Low	1	High	2

LTE Uplink 2CA_ Band 2-ANT0 Full Power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
18700	18898	20	QPSK	1	High	1	Low	2
18900	19098	20	QPSK	1	High	1	Low	2
19100	18902	20	QPSK	1	Low	1	High	2

Measured Power(dBm)	Max. tune-up power (dBm)
19.99	20.80
20.01	20.80
19.85	20.80

Measured Power(dBm)	Max. tune-up power (dBm)
18.92	19.50
18.95	19.50
18.92	19.50

8.4.2 LTE Band5 Uplink CA Output Power

LTE Uplink 2CA_ Band 5-ANT2 Full Power								
Combination 10MHz+10MHz(50RB+50RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
20450	20549	10	QPSK	1	High	1	Low	2
20476	20575	10	QPSK	1	High	1	Low	2
20600	20501	10	QPSK	1	Low	1	High	2

LTE Uplink 2CA_ Band 5-ANT0 Full Power								
Combination 10MHz+10MHz(50RB+50RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
20450	20549	10	QPSK	1	High	1	Low	2
20476	20575	10	QPSK	1	High	1	Low	2
20600	20501	10	QPSK	1	Low	1	High	2

Measured Power(dBm)	Max. tune-up power (dBm)
19.77	20.00
19.89	20.00
19.88	20.00

Measured Power(dBm)	Max. tune-up power (dBm)
18.55	19.50
18.67	19.50
18.38	19.50

8.4.3 LTE Band7 Uplink CA Output Power

LTE Uplink 2CA_Band 7-ANT2 Full Power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
20850	21048	20	QPSK	1	High	1	Low	2
21100	21298	20	QPSK	1	High	1	Low	2
21350	21152	20	QPSK	1	Low	1	High	2

LTE Uplink 2CA_Band 7-ANT0 Full Power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
20850	21048	20	QPSK	1	High	1	Low	2
21100	21298	20	QPSK	1	High	1	Low	2
21350	21152	20	QPSK	1	Low	1	High	2

Measured Power(dBm)	Max. tune-up power (dBm)
18.22	19.00
18.66	19.00
18.56	19.00

Measured Power(dBm)	Max. tune-up power (dBm)
17.04	18.00
17.11	18.00
17.00	18.00

8.4.4 LTE Band66 Uplink CA Output Power

LTE Uplink 2CA_ Band 66-ANT2-Full power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
132072	132270	20	QPSK	1	High	1	Low	2
132322	132520	20	QPSK	1	Low	1	High	2
132572	132374	20	QPSK	1	Low	1	High	2

LTE Uplink 2CA_ Band 66-ANT0-Full power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
132072	132270	20	QPSK	1	High	1	Low	2
132322	132520	20	QPSK	1	Low	1	High	2
132572	132374	20	QPSK	1	Low	1	High	2

Measured Power(dBm)	Max. tune-up power (dBm)
21.05	21.50
21.11	21.50
21.00	21.50

Measured Power(dBm)	Max. tune-up power (dBm)
19.70	20.00
19.88	20.00
19.68	20.00

8.4.5 LTE Band38 Uplink CA Output Power

LTE Uplink 2CA_ Band 38-ANT2-Full power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
37850	38048	20	QPSK	1	High	1	Low	2
38099	37901	20	QPSK	1	Low	1	High	2
38150	37952	20	QPSK	1	Low	1	High	2

LTE Uplink 2CA_ Band 38-ANT0-Full power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
37850	38048	20	QPSK	1	High	1	Low	2
38099	37901	20	QPSK	1	Low	1	High	2
38150	37952	20	QPSK	1	Low	1	High	2

Measured Power(dBm)	Max. tune-up power (dBm)
20.91	22.00
20.98	22.00
20.88	22.00

Measured Power(dBm)	Max. tune-up power (dBm)
19.67	20.00
19.71	20.00
19.77	20.00

8.4.6 LTE Band41 Uplink CA Output Power

LTE Uplink 2CA_ Band 41-ANT2-Full power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
39750	39948	20	QPSK	1	High	1	Low	2
40185	40383	20	QPSK	1	High	1	Low	2
40620	40818	20	QPSK	1	High	1	Low	2
41055	41253	20	QPSK	1	Low	1	High	2
41490	41292	20	QPSK	1	Low	1	High	2

LTE Uplink 2CA_ Band 41-ANT0-Full power								
Combination 20MHz+20MHz(100RB+100RB)								
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size
				RB Size	RB Pos.	RB Size	RB Pos.	
39750	39948	20	QPSK	1	High	1	Low	2
40185	40383	20	QPSK	1	High	1	Low	2
40620	40818	20	QPSK	1	Low	1	High	2
41055	41253	20	QPSK	1	High	1	Low	2
41490	41292	20	QPSK	1	Low	1	High	2

Measured Power(dBm)	Max. tune-up power (dBm)
21.05	22.00
21.00	22.00
21.10	22.00
21.04	22.00
21.06	22.00

Measured Power(dBm)	Max. tune-up power (dBm)
19.85	20.00
19.89	20.00
19.91	20.00
19.90	20.00
19.93	20.00