

## 8 CONDUCTED RF OUPUT POWER

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## 8.1 GSM Output Power

GSM-Full Power-Ant.Down								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm )
GSM (GMSK, 1-Slot)	32.64	32.75	32.74	33.00	23.45	23.56	23.55	23.81
GPRS (GMSK, 1-Slot)	32.51	32.59	32.56	33.00	23.32	23.40	23.37	23.81
GPRS (GMSK, 2-Slots)	31.83	31.90	31.88	33.00	25.70	25.77	25.75	26.87
GPRS (GMSK, 3-Slots)	31.98	32.06	32.05	32.50	27.56	27.64	27.63	28.08
GPRS (GMSK, 4-Slots)	31.75	31.84	31.82	32.50	28.57	28.66	28.64	<b>29.32</b>
EGPRS (8PSK, 1-Slot)	26.15	26.03	26.18	28.00	16.96	16.84	16.99	18.81
EGPRS (8PSK, 2-Slots)	25.65	25.67	25.80	26.00	19.52	19.54	19.67	19.87
EGPRS (8PSK, 3-Slots)	25.39	25.36	25.49	26.00	20.97	20.94	21.07	21.58
EGPRS (8PSK, 4-Slots)	25.21	25.22	25.31	26.00	22.03	22.04	22.13	22.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm )
GSM (GMSK, 1-Slot)	28.13	28.00	28.08	28.50	18.94	18.81	18.89	19.31
GPRS (GMSK, 1-Slot)	27.96	27.81	27.87	28.50	18.77	18.62	18.68	19.31
GPRS (GMSK, 2-Slots)	27.72	27.56	27.62	28.00	21.59	21.43	21.49	21.87
GPRS (GMSK, 3-Slots)	27.50	27.34	27.40	28.00	23.08	22.92	22.98	23.58
GPRS (GMSK, 4-Slots)	27.34	27.36	27.25	28.00	24.16	24.18	24.07	<b>24.82</b>
EGPRS (8PSK, 1-Slot)	23.47	23.41	23.42	25.00	14.28	14.22	14.23	15.81
EGPRS (8PSK, 2-Slots)	22.51	22.63	22.50	23.50	16.38	16.50	16.37	17.37
EGPRS (8PSK, 3-Slots)	22.42	22.41	22.36	23.50	18.00	17.99	17.94	19.08
EGPRS (8PSK, 4-Slots)	22.22	22.17	22.22	23.50	19.04	18.99	19.04	20.32

## 8.2 WCDMA Output Power

<b>WCDMA-Full Power-Ant.Down</b>				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.55	23.55	23.51	23.70
HSDPA Subtest-1	22.34	22.54	22.57	22.70
HSDPA Subtest-2	22.39	22.53	22.59	22.70
HSDPA Subtest-3	21.98	22.05	22.16	22.20
HSDPA Subtest-4	22.11	22.03	22.05	22.20
HSUPA Subtest-1	22.38	22.50	22.45	22.70
HSUPA Subtest-2	20.57	20.59	20.41	20.70
HSUPA Subtest-3	21.66	21.57	21.64	21.70
HSUPA Subtest-4	20.56	20.56	20.60	20.70
HSUPA Subtest-5	22.68	22.58	22.65	22.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.35	23.68	23.48	24.00
HSDPA Subtest-1	22.63	22.69	22.76	23.00
HSDPA Subtest-2	22.82	22.70	22.82	23.00
HSDPA Subtest-3	22.33	22.20	22.03	22.50
HSDPA Subtest-4	22.04	22.15	22.33	22.50
HSUPA Subtest-1	22.77	22.68	22.74	23.00
HSUPA Subtest-2	20.65	20.70	20.57	21.00
HSUPA Subtest-3	21.85	21.67	21.67	22.00
HSUPA Subtest-4	20.70	20.68	20.66	21.00
HSUPA Subtest-5	22.86	22.69	22.54	23.00

## 8.3 CDMA Output Power

CDMA				
Band	BC0			Tune-up power(dBm)
Channel	1013	384	777	
Frequency	824.70	836.52	848.31	
1xRTT RC1 SO55	23.52	23.89	24.16	24.50
1xRTT RC3 SO55	23.51	23.98	24.20	24.50
1xRTT RC3 SO32 ( FCH )	23.32	23.56	23.87	24.00
1xRTT RC3 SO32 ( SCH )	23.35	23.67	23.96	24.00
1xEVDO Rel.0 RTAP 153.6kbps	23.49	23.78	24.20	24.50
1xEVDO Rel.A RETAP : 4096	23.52	23.86	24.15	24.50

### 8.4.1 LTE Band5 Output Power

LTE B5-Full Power -Ant.Down							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.29	23.50	23.50	24.00
		MID	QPSK	23.29	23.35	23.03	24.00
		HIGH	QPSK	23.71	23.48	23.69	24.00
	3	LOW	QPSK	23.24	23.32	23.49	24.00
		MID	QPSK	23.00	23.26	23.12	24.00
		HIGH	QPSK	23.56	23.53	23.51	24.00
	6	LOW	QPSK	22.37	22.39	22.11	23.00
1.4	1	LOW	Q16	21.99	22.69	22.25	23.00
		MID	Q16	22.08	22.73	22.15	23.00
		HIGH	Q16	22.61	22.73	22.61	23.00
	3	LOW	Q16	22.22	22.89	22.29	23.00
		MID	Q16	22.16	22.80	21.98	23.00
		HIGH	Q16	22.36	22.91	22.66	23.00
	6	LOW	Q16	21.23	21.38	21.22	22.00
1.4	1	LOW	64QAM	21.19	21.83	21.18	22.00
		MID	64QAM	20.99	21.62	21.10	22.00
		HIGH	64QAM	21.55	21.94	21.70	22.00
	3	LOW	64QAM	21.11	21.86	21.36	22.00
		MID	64QAM	21.17	21.65	20.88	22.00
		HIGH	64QAM	21.35	21.84	21.74	22.00
	6	LOW	64QAM	20.18	20.43	20.53	21.00
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	23.39	23.43	24.00
		MID	QPSK	23.17	23.42	23.06	24.00
		HIGH	QPSK	23.59	23.44	23.63	24.00
	8	LOW	QPSK	22.23	22.42	22.10	23.00
		MID	QPSK	22.22	22.48	22.33	23.00
		HIGH	QPSK	22.24	22.24	22.48	23.00
15	LOW	QPSK	22.29	22.29	22.36	23.00	
3	1	LOW	Q16	22.03	22.69	22.51	23.00
		MID	Q16	22.07	22.72	22.21	23.00
		HIGH	Q16	22.53	22.79	22.70	23.00
	8	LOW	Q16	21.22	21.17	21.13	22.00
		MID	Q16	21.10	21.26	21.09	22.00
		HIGH	Q16	21.24	21.46	21.28	22.00
15	LOW	Q16	21.31	21.34	21.40	22.00	
3	1	LOW	64QAM	21.23	21.69	21.45	22.00
		MID	64QAM	20.96	21.70	21.08	22.00
		HIGH	64QAM	21.45	21.62	21.33	22.00
	8	LOW	64QAM	20.09	20.23	20.24	21.00
		MID	64QAM	20.41	20.49	20.24	21.00
		HIGH	64QAM	20.25	20.14	20.44	21.00
15	LOW	64QAM	20.21	20.33	20.34	21.00	

LTE B5-Full Power -Ant.Down								
Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.23	23.57	23.38	24.00	
		MID	QPSK	23.26	23.18	23.24	24.00	
		HIGH	QPSK	23.60	23.48	23.56	24.00	
	12	LOW	QPSK	22.15	22.25	22.30	23.00	
		MID	QPSK	22.16	22.37	22.25	23.00	
		HIGH	QPSK	22.42	22.41	22.33	23.00	
	25	LOW	QPSK	22.33	22.43	22.37	23.00	
	5	1	LOW	Q16	22.22	22.80	22.48	23.00
			MID	Q16	21.98	22.62	22.24	23.00
HIGH			Q16	22.62	22.77	22.68	23.00	
12		LOW	Q16	21.08	21.41	21.37	22.00	
		MID	Q16	21.32	21.54	21.37	22.00	
		HIGH	Q16	21.39	21.34	21.31	22.00	
25		LOW	Q16	21.37	21.38	21.18	22.00	
5		1	LOW	64QAM	21.07	21.76	21.35	22.00
			MID	64QAM	20.85	21.61	21.03	22.00
	HIGH		64QAM	21.70	21.88	21.43	22.00	
	12	LOW	64QAM	20.14	20.54	20.28	21.00	
		MID	64QAM	20.25	20.61	20.25	21.00	
		HIGH	64QAM	20.33	20.25	20.55	21.00	
	25	LOW	64QAM	20.25	20.34	20.14	21.00	
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)	
10	1	LOW	QPSK	23.18	23.58	23.43	24.00	
		MID	QPSK	23.14	23.27	23.18	24.00	
		HIGH	QPSK	23.56	23.47	23.57	24.00	
	25	LOW	QPSK	22.17	22.28	22.19	23.00	
		MID	QPSK	22.17	22.35	22.19	23.00	
		HIGH	QPSK	22.36	22.32	22.34	23.00	
50	LOW	QPSK	22.33	22.35	22.22	23.00		
10	1	LOW	Q16	22.09	22.78	22.39	23.00	
		MID	Q16	22.01	22.67	22.11	23.00	
		HIGH	Q16	22.49	22.85	22.56	23.00	
	25	LOW	Q16	21.19	21.28	21.28	22.00	
		MID	Q16	21.20	21.41	21.24	22.00	
		HIGH	Q16	21.38	21.39	21.40	22.00	
50	LOW	Q16	21.28	21.38	21.25	22.00		
10	1	LOW	64QAM	21.12	21.93	21.37	22.00	
		MID	64QAM	20.94	21.64	21.21	22.00	
		HIGH	64QAM	21.50	21.85	21.55	22.00	
	25	LOW	64QAM	20.23	20.13	20.38	21.00	
		MID	64QAM	20.18	20.31	20.22	21.00	
		HIGH	64QAM	20.23	20.51	20.34	21.00	
	50	LOW	64QAM	20.21	20.39	20.29	21.00	

### 8.4.2 LTE Band7 Output Power

LTE B7-Full Power -Ant.Down								
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	21.53	21.56	21.36	22.00	
		MID	QPSK	21.59	21.38	21.36	22.00	
		HIGH	QPSK	21.47	21.61	21.37	22.00	
	12	LOW	QPSK	20.46	20.63	20.22	21.00	
		MID	QPSK	20.46	20.36	20.33	21.00	
		HIGH	QPSK	20.35	20.33	20.18	21.00	
	25	LOW	QPSK	20.41	20.51	20.18	21.00	
	5	1	LOW	Q16	20.58	20.54	20.79	21.00
			MID	Q16	20.77	20.81	20.55	21.00
HIGH			Q16	20.81	20.79	20.55	21.00	
12		LOW	Q16	19.65	19.62	19.41	20.00	
		MID	Q16	19.49	19.59	19.41	20.00	
		HIGH	Q16	19.46	19.41	19.29	20.00	
25		LOW	Q16	19.62	19.51	19.44	20.00	
5		1	LOW	64QAM	19.88	19.70	19.53	20.00
			MID	64QAM	19.94	19.75	19.71	20.00
	HIGH		64QAM	19.63	19.78	19.38	20.00	
	12	LOW	64QAM	18.61	18.48	18.40	19.00	
		MID	64QAM	18.47	18.23	18.41	19.00	
		HIGH	64QAM	18.43	18.31	18.24	19.00	
	25	LOW	64QAM	18.37	18.44	18.11	19.00	
	Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	21.78	21.51	21.37	22.00
MID			QPSK	21.60	21.33	21.15	22.00	
HIGH			QPSK	21.58	21.46	21.13	22.00	
25		LOW	QPSK	20.63	20.60	20.22	21.00	
		MID	QPSK	20.63	20.57	20.13	21.00	
		HIGH	QPSK	20.53	20.43	20.39	21.00	
50		LOW	QPSK	20.45	20.36	20.15	21.00	
10		1	LOW	Q16	20.77	20.80	20.93	21.00
			MID	Q16	20.93	20.77	20.69	21.00
	HIGH		Q16	20.76	20.83	20.56	21.00	
	25	LOW	Q16	19.51	19.57	19.21	20.00	
		MID	Q16	19.57	19.52	19.37	20.00	
		HIGH	Q16	19.43	19.50	19.11	20.00	
	50	LOW	Q16	19.57	19.29	19.23	20.00	
	10	1	LOW	64QAM	19.74	19.91	19.75	20.00
			MID	64QAM	19.73	19.83	19.75	20.00
HIGH			64QAM	19.78	19.96	19.45	20.00	
25		LOW	64QAM	18.51	18.56	18.53	19.00	
		MID	64QAM	18.65	18.28	18.34	19.00	
		HIGH	64QAM	18.48	18.47	18.27	19.00	
50		LOW	64QAM	18.55	18.41	18.06	19.00	

LTE B7-Full Power -Ant.Down							
Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.59	21.47	21.36	22.00
		MID	QPSK	21.47	21.42	21.31	22.00
		HIGH	QPSK	21.53	21.40	21.39	22.00
	36	LOW	QPSK	20.66	20.45	20.47	21.00
		MID	QPSK	20.49	20.53	20.29	21.00
		HIGH	QPSK	20.57	20.30	20.30	21.00
75	LOW	QPSK	20.50	20.45	20.35	21.00	
15	1	LOW	Q16	20.81	20.56	20.94	21.00
		MID	Q16	20.74	20.78	20.78	21.00
		HIGH	Q16	20.71	20.78	20.53	21.00
	36	LOW	Q16	19.69	19.37	19.19	20.00
		MID	Q16	19.35	19.39	19.38	20.00
		HIGH	Q16	19.50	19.43	19.11	20.00
75	LOW	Q16	19.68	19.27	19.46	20.00	
15	1	LOW	64QAM	19.54	19.50	19.75	20.00
		MID	64QAM	20.00	19.68	19.85	20.00
		HIGH	64QAM	19.83	19.79	19.50	20.00
	36	LOW	64QAM	18.43	18.53	18.33	19.00
		MID	64QAM	18.51	18.31	18.14	19.00
		HIGH	64QAM	18.48	18.32	18.19	19.00
75	LOW	64QAM	18.48	18.29	18.08	19.00	
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.64	21.57	21.68	22.00
		MID	QPSK	21.49	21.46	21.22	22.00
		HIGH	QPSK	21.52	21.55	21.28	22.00
	50	LOW	QPSK	20.52	20.56	20.57	21.00
		MID	QPSK	20.52	20.47	20.26	21.00
		HIGH	QPSK	20.43	20.35	20.27	21.00
100	LOW	QPSK	20.54	20.40	20.29	21.00	
20	1	LOW	Q16	20.73	20.68	20.81	21.00
		MID	Q16	20.96	20.95	20.69	21.00
		HIGH	Q16	20.77	20.80	20.50	21.00
	50	LOW	Q16	19.54	19.49	19.33	20.00
		MID	Q16	19.50	19.47	19.27	20.00
		HIGH	Q16	19.50	19.38	19.25	20.00
100	LOW	Q16	19.54	19.42	19.31	20.00	
20	1	LOW	64QAM	19.59	19.55	19.93	20.00
		MID	64QAM	19.90	19.81	19.77	20.00
		HIGH	64QAM	19.81	19.75	19.37	20.00
	50	LOW	64QAM	18.49	18.56	18.27	19.00
		MID	64QAM	18.43	18.37	18.29	19.00
		HIGH	64QAM	18.38	18.23	18.34	19.00
100	LOW	64QAM	18.41	18.44	18.17	19.00	



### 8.4.3 LTE Band38 Output Power

LTE B38-Full Power -Ant.Down							
Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.80	20.75	20.64	22.00
		MID	QPSK	20.66	20.71	20.60	22.00
		HIGH	QPSK	20.78	21.00	20.81	22.00
	12	LOW	QPSK	19.82	19.52	19.53	21.00
		MID	QPSK	19.75	19.82	19.69	21.00
		HIGH	QPSK	19.81	19.90	19.68	21.00
25	LOW	QPSK	19.73	19.81	19.48	21.00	
5	1	LOW	Q16	19.92	19.85	20.12	21.00
		MID	Q16	20.13	19.94	20.13	21.00
		HIGH	Q16	20.28	20.22	20.16	21.00
	12	LOW	Q16	18.72	18.59	18.73	20.00
		MID	Q16	18.81	18.75	18.61	20.00
		HIGH	Q16	18.53	18.64	18.79	20.00
25	LOW	Q16	18.67	18.83	18.54	20.00	
5	1	LOW	64QAM	18.87	18.75	19.14	20.00
		MID	64QAM	19.04	18.66	19.15	20.00
		HIGH	64QAM	19.09	19.25	19.26	20.00
	12	LOW	64QAM	17.55	17.79	17.63	19.00
		MID	64QAM	17.71	17.55	17.88	19.00
		HIGH	64QAM	17.58	17.84	17.74	19.00
25	LOW	64QAM	17.78	18.04	17.63	19.00	
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.61	20.48	20.88	22.00
		MID	QPSK	20.88	20.64	20.74	22.00
		HIGH	QPSK	20.95	20.82	20.97	22.00
	25	LOW	QPSK	19.79	19.55	19.54	21.00
		MID	QPSK	19.78	19.83	19.53	21.00
		HIGH	QPSK	19.53	19.85	19.52	21.00
50	LOW	QPSK	19.78	19.64	19.58	21.00	
10	1	LOW	Q16	20.14	19.83	20.08	21.00
		MID	Q16	20.13	19.77	19.90	21.00
		HIGH	Q16	20.23	20.13	20.18	21.00
	25	LOW	Q16	18.66	18.65	18.74	20.00
		MID	Q16	18.79	18.88	18.61	20.00
		HIGH	Q16	18.79	18.93	18.74	20.00
50	LOW	Q16	18.73	18.65	18.68	20.00	
10	1	LOW	64QAM	18.78	18.70	19.21	20.00
		MID	64QAM	18.94	18.87	18.97	20.00
		HIGH	64QAM	19.11	19.04	19.24	20.00
	25	LOW	64QAM	17.77	17.84	17.63	19.00
		MID	64QAM	17.88	17.60	17.62	19.00
		HIGH	64QAM	17.66	17.73	17.63	19.00
50	LOW	64QAM	17.98	18.05	17.53	19.00	

LTE B38-Full Power -Ant.Down							
Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.58	20.71	20.65	22.00
		MID	QPSK	20.87	20.70	20.69	22.00
		HIGH	QPSK	20.88	20.81	20.81	22.00
	36	LOW	QPSK	19.67	19.79	19.50	21.00
		MID	QPSK	19.89	19.65	19.68	21.00
		HIGH	QPSK	19.67	19.80	19.61	21.00
75	LOW	QPSK	19.69	19.68	19.57	21.00	
15	1	LOW	Q16	20.11	19.76	20.11	21.00
		MID	Q16	19.99	19.85	19.95	21.00
		HIGH	Q16	20.24	20.24	20.20	21.00
	36	LOW	Q16	18.47	18.78	18.48	20.00
		MID	Q16	18.53	18.80	18.59	20.00
		HIGH	Q16	18.70	18.85	18.68	20.00
75	LOW	Q16	18.60	18.87	18.74	20.00	
15	1	LOW	64QAM	18.92	18.85	19.05	20.00
		MID	64QAM	19.07	18.85	19.11	20.00
		HIGH	64QAM	19.13	19.27	19.39	20.00
	36	LOW	64QAM	17.71	17.80	17.57	19.00
		MID	64QAM	17.39	17.60	17.70	19.00
		HIGH	64QAM	17.72	17.64	17.93	19.00
75	LOW	64QAM	17.89	17.86	17.47	19.00	
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.71	20.61	20.88	22.00
		MID	QPSK	20.73	20.70	20.66	22.00
		HIGH	QPSK	20.84	20.87	20.83	22.00
	50	LOW	QPSK	19.69	19.67	19.55	21.00
		MID	QPSK	19.76	19.73	19.59	21.00
		HIGH	QPSK	19.68	19.77	19.63	21.00
100	LOW	QPSK	19.73	19.74	19.59	21.00	
20	1	LOW	Q16	20.05	19.88	20.15	21.00
		MID	Q16	20.08	19.91	20.05	21.00
		HIGH	Q16	20.14	20.10	20.18	21.00
	50	LOW	Q16	18.61	18.68	18.60	20.00
		MID	Q16	18.68	18.75	18.67	20.00
		HIGH	Q16	18.66	18.78	18.69	20.00
100	LOW	Q16	18.73	18.75	18.62	20.00	
20	1	LOW	64QAM	18.92	18.75	19.12	20.00
		MID	64QAM	19.21	18.81	19.02	20.00
		HIGH	64QAM	19.28	19.25	19.29	20.00
	50	LOW	64QAM	17.73	17.68	17.61	19.00
		MID	64QAM	17.53	17.60	17.67	19.00
		HIGH	64QAM	17.75	17.79	17.78	19.00
100	LOW	64QAM	17.75	17.85	17.58	19.00	

### 8.4.4 LTE Band41 Output Power

LTE B41-Full Power -Ant.Down								
Bandwidth	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.73	23.68	23.56	24.00	
		MID	QPSK	23.81	23.65	23.48	24.00	
		HIGH	QPSK	23.86	23.88	23.84	24.00	
	12	LOW	QPSK	22.98	22.72	22.57	23.00	
		MID	QPSK	22.97	22.51	22.52	23.00	
		HIGH	QPSK	22.81	22.90	22.50	23.00	
	25	LOW	QPSK	22.95	22.84	22.61	23.00	
	5	1	LOW	Q16	22.80	22.72	22.69	23.00
			MID	Q16	22.67	22.76	22.62	23.00
HIGH			Q16	22.98	22.76	22.53	23.00	
12		LOW	Q16	21.90	21.69	21.82	22.00	
		MID	Q16	21.95	21.62	21.68	22.00	
		HIGH	Q16	21.81	21.80	21.57	22.00	
25		LOW	Q16	21.90	21.92	21.70	22.00	
5		1	LOW	64QAM	21.83	21.74	21.79	22.00
			MID	64QAM	21.83	21.80	21.78	22.00
	HIGH		64QAM	21.87	21.71	21.57	22.00	
	12	LOW	64QAM	20.82	20.86	20.68	21.00	
		MID	64QAM	20.95	20.89	20.68	21.00	
		HIGH	64QAM	20.87	20.81	20.51	21.00	
	25	LOW	64QAM	20.76	20.86	20.52	21.00	
Bandwidth	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)	
10	1	LOW	QPSK	23.78	23.71	23.37	24.00	
		MID	QPSK	23.68	23.57	23.47	24.00	
		HIGH	QPSK	23.90	23.78	23.87	24.00	
	25	LOW	QPSK	22.88	22.70	22.70	23.00	
		MID	QPSK	22.76	22.58	22.55	23.00	
		HIGH	QPSK	22.86	22.92	22.77	23.00	
50	LOW	QPSK	22.90	22.85	22.79	23.00		
10	1	LOW	Q16	22.64	22.78	22.73	23.00	
		MID	Q16	22.69	22.86	22.78	23.00	
		HIGH	Q16	22.98	22.79	22.60	23.00	
	25	LOW	Q16	21.93	21.74	21.70	22.00	
		MID	Q16	21.79	21.71	21.76	22.00	
		HIGH	Q16	21.82	21.86	21.76	22.00	
	50	LOW	Q16	21.84	21.86	21.67	22.00	
	10	1	LOW	64QAM	21.95	21.98	21.87	22.00
			MID	64QAM	21.90	21.71	21.93	22.00
HIGH			64QAM	21.92	21.83	21.45	22.00	
25		LOW	64QAM	20.99	20.87	20.41	21.00	
		MID	64QAM	20.93	20.90	20.86	21.00	
		HIGH	64QAM	20.98	20.80	20.64	21.00	
50		LOW	64QAM	20.79	20.96	20.47	21.00	

LTE B41-Full Power -Ant.Down							
Bandwidth	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.85	23.51	23.52	24.00
		MID	QPSK	23.74	23.61	23.62	24.00
		HIGH	QPSK	23.86	23.65	23.68	24.00
	36	LOW	QPSK	22.75	22.85	22.61	23.00
		MID	QPSK	22.97	22.54	22.70	23.00
		HIGH	QPSK	22.71	22.72	22.71	23.00
75	LOW	QPSK	22.45	22.69	22.66	23.00	
15	1	LOW	Q16	22.89	22.70	22.90	23.00
		MID	Q16	22.67	22.84	22.72	23.00
		HIGH	Q16	22.98	22.90	22.82	23.00
	36	LOW	Q16	21.88	21.73	21.64	22.00
		MID	Q16	21.87	21.63	21.63	22.00
		HIGH	Q16	21.86	21.81	21.74	22.00
75	LOW	Q16	21.87	21.67	21.61	22.00	
15	1	LOW	64QAM	21.95	21.88	21.77	22.00
		MID	64QAM	21.81	21.97	21.75	22.00
		HIGH	64QAM	21.72	21.75	21.64	22.00
	36	LOW	64QAM	20.85	20.77	20.60	21.00
		MID	64QAM	20.93	20.71	20.60	21.00
		HIGH	64QAM	20.82	20.74	20.50	21.00
75	LOW	64QAM	20.98	20.98	20.50	21.00	
Bandwidth	RB Size	RB offset	Modulation	40340	40740	41140	Tune-up power(dBm)
20	1	LOW	QPSK	23.80	23.60	23.49	24.00
		MID	QPSK	23.81	23.69	23.55	24.00
		HIGH	QPSK	23.89	23.89	23.72	24.00
	50	LOW	QPSK	22.85	22.70	22.62	23.00
		MID	QPSK	22.81	22.65	22.60	23.00
		HIGH	QPSK	22.82	22.88	22.62	23.00
100	LOW	QPSK	22.97	22.77	22.65	23.00	
20	1	LOW	Q16	22.79	22.72	22.79	23.00
		MID	Q16	22.82	22.72	22.87	23.00
		HIGH	Q16	22.99	22.90	22.68	23.00
	50	LOW	Q16	21.93	21.80	21.68	22.00
		MID	Q16	21.92	21.74	21.61	22.00
		HIGH	Q16	21.98	21.80	21.65	22.00
100	LOW	Q16	21.99	21.77	21.59	22.00	
20	1	LOW	64QAM	21.94	21.83	21.82	22.00
		MID	64QAM	21.97	21.85	21.78	22.00
		HIGH	64QAM	21.85	21.79	21.54	22.00
	50	LOW	64QAM	20.93	20.81	20.54	21.00
		MID	64QAM	20.92	20.78	20.75	21.00
		HIGH	64QAM	20.84	20.83	20.60	21.00
100	LOW	64QAM	20.88	20.89	20.62	21.00	