

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

GSM 850-Level1-Down								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251	(dBm)	128	190	251	(dBm)
GSM (GMSK, 1-Slot)	32.45	32.49	32.45	33.50	23.26	23.30	23.26	24.31
GPRS 1-Slot	32.49	32.41	32.44	33.50	23.30	23.22	23.25	24.31
GPRS 2-Slots	31.60	31.63	31.57	32.00	25.47	25.50	25.44	25.87
GPRS 3-Slots	29.91	29.96	29.87	31.00	25.49	25.54	25.45	26.58
GPRS 4-Slots	28.62	28.68	28.57	29.50	25.44	25.50	25.39	26.32
EGPRS 1-Slot	26.43	26.82	26.72	28.00	17.24	17.63	17.53	18.81
EGPRS 2-Slots	25.37	25.60	25.65	26.50	19.24	19.47	19.52	20.37
EGPRS 3-Slots	23.12	23.36	23.77	24.50	18.70	18.94	19.35	20.08
EGPRS 4-Slots	21.94	22.17	22.19	23.00	18.76	18.99	19.01	19.82
GSM 1900-Level1-Down								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810	(dBm)	512	661	810	(dBm)
GSM (GMSK, 1-Slot)	30.02	30.03	29.96	30.50	20.83	20.84	20.77	21.31
GPRS 1-Slot	30.03	30.02	29.95	30.50	20.84	20.83	20.76	21.31
GPRS 2-Slots	28.54	28.54	28.49	29.00	22.41	22.41	22.36	22.87
GPRS 3-Slots	27.63	27.62	27.57	28.00	23.21	23.20	23.15	23.58
GPRS 4-Slots	26.55	26.56	26.51	27.00	23.37	23.38	23.33	23.82
EGPRS 1-Slot	26.35	26.58	26.35	27.00	17.16	17.39	17.16	17.81
EGPRS 2-Slots	25.41	25.58	25.28	26.00	19.28	19.45	19.15	19.87
EGPRS 3-Slots	23.37	23.56	23.32	24.00	18.95	19.14	18.90	19.58
EGPRS 4-Slots	22.18	22.64	22.23	23.00	19.00	19.46	19.05	19.82

GSM 850-Level2-Down								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.45	32.49	32.45	33.50	23.26	23.30	23.26	24.31
GPRS 1-Slot	32.49	32.41	32.44	33.50	23.30	23.22	23.25	24.31
GPRS 2-Slots	31.60	31.63	31.57	32.00	25.47	25.50	25.44	25.87
GPRS 3-Slots	29.91	29.96	29.87	31.00	25.49	25.54	25.45	26.58
GPRS 4-Slots	28.62	28.68	28.57	29.50	25.44	25.50	25.39	26.32
EGPRS 1-Slot	26.43	26.82	26.72	28.00	17.24	17.63	17.53	18.81
EGPRS 2-Slots	25.37	25.60	25.65	26.50	19.24	19.47	19.52	20.37
EGPRS 3-Slots	23.12	23.36	23.77	24.50	18.70	18.94	19.35	20.08
EGPRS 4-Slots	21.94	22.17	22.19	23.00	18.76	18.99	19.01	19.82
GSM 1900-Level2-Down								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	30.02	30.03	29.96	30.50	20.83	20.84	20.77	21.31
GPRS 1-Slot	30.03	30.02	29.95	30.50	20.84	20.83	20.76	21.31
GPRS 2-Slots	28.54	28.54	28.49	29.00	22.41	22.41	22.36	22.87
GPRS 3-Slots	27.63	27.62	27.57	28.00	23.21	23.20	23.15	23.58
GPRS 4-Slots	26.55	26.56	26.51	27.00	23.37	23.38	23.33	23.82
EGPRS 1-Slot	26.35	26.58	26.35	27.00	17.16	17.39	17.16	17.81
EGPRS 2-Slots	25.41	25.58	25.28	26.00	19.28	19.45	19.15	19.87
EGPRS 3-Slots	23.37	23.56	23.32	24.00	18.95	19.14	18.90	19.58
EGPRS 4-Slots	22.18	22.64	22.23	23.00	19.00	19.46	19.05	19.82

GSM 850-Level3-Down								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.45	32.49	32.45	33.50	23.26	23.30	23.26	24.31
GPRS 1-Slot	32.49	32.41	32.44	33.50	23.30	23.22	23.25	24.31
GPRS 2-Slots	31.60	31.63	31.57	32.00	25.47	25.50	25.44	25.87
GPRS 3-Slots	29.91	29.96	29.87	31.00	25.49	25.54	25.45	26.58
GPRS 4-Slots	28.62	28.68	28.57	29.50	25.44	25.50	25.39	26.32
EGPRS 1-Slot	26.43	26.82	26.72	28.00	17.24	17.63	17.53	18.81
EGPRS 2-Slots	25.37	25.60	25.65	26.50	19.24	19.47	19.52	20.37
EGPRS 3-Slots	23.12	23.36	23.77	24.50	18.70	18.94	19.35	20.08
EGPRS 4-Slots	21.94	22.17	22.19	23.00	18.76	18.99	19.01	19.82
GSM 1900-Level3-Down								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	30.02	30.03	29.96	30.50	20.83	20.84	20.77	21.31
GPRS 1-Slot	30.03	30.02	29.95	30.50	20.84	20.83	20.76	21.31
GPRS 2-Slots	28.54	28.54	28.49	29.00	22.41	22.41	22.36	22.87
GPRS 3-Slots	27.63	27.62	27.57	28.00	23.21	23.20	23.15	23.58
GPRS 4-Slots	26.55	26.56	26.51	27.00	23.37	23.38	23.33	23.82
EGPRS 1-Slot	26.35	26.58	26.35	27.00	17.16	17.39	17.16	17.81
EGPRS 2-Slots	25.41	25.58	25.28	26.00	19.28	19.45	19.15	19.87
EGPRS 3-Slots	23.37	23.56	23.32	24.00	18.95	19.14	18.90	19.58
EGPRS 4-Slots	22.18	22.64	22.23	23.00	19.00	19.46	19.05	19.82

GSM 850-Level4-Down								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251	(dBm)	128	190	251	(dBm)
GSM (GMSK, 1-Slot)	32.45	32.49	32.45	33.50	23.26	23.30	23.26	24.31
GPRS 1-Slot	32.49	32.41	32.44	33.50	23.30	23.22	23.25	24.31
GPRS 2-Slots	31.60	31.63	31.57	32.00	25.47	25.50	25.44	25.87
GPRS 3-Slots	29.91	29.96	29.87	31.00	25.49	25.54	25.45	26.58
GPRS 4-Slots	28.62	28.68	28.57	29.50	25.44	25.50	25.39	26.32
EGPRS 1-Slot	26.43	26.82	26.72	28.00	17.24	17.63	17.53	18.81
EGPRS 2-Slots	25.37	25.60	25.65	26.50	19.24	19.47	19.52	20.37
EGPRS 3-Slots	23.12	23.36	23.77	24.50	18.70	18.94	19.35	20.08
EGPRS 4-Slots	21.94	22.17	22.19	23.00	18.76	18.99	19.01	19.82
GSM 1900-Level4-Down								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810	(dBm)	512	661	810	(dBm)
GSM (GMSK, 1-Slot)	29.16	29.14	29.08	29.50	19.97	19.95	19.89	20.31
GPRS 1-Slot	29.24	29.23	29.18	29.50	20.05	20.04	19.99	20.31
GPRS 2-Slots	26.45	26.46	26.40	27.00	20.32	20.33	20.27	20.87
GPRS 3-Slots	24.75	24.76	24.71	25.00	20.33	20.34	20.29	20.58
GPRS 4-Slots	23.54	23.53	23.52	25.00	20.36	20.35	20.34	21.82
EGPRS 1-Slot	25.42	25.38	25.40	26.00	16.23	16.19	16.21	16.81
EGPRS 2-Slots	22.33	22.45	22.38	24.00	16.20	16.32	16.25	17.87
EGPRS 3-Slots	20.36	20.55	20.46	22.00	15.94	16.13	16.04	17.58
EGPRS 4-Slots	19.11	19.05	19.10	21.00	15.93	15.87	15.92	17.82

GSM 850-Level5-Down								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251	(dBm)	128	190	251	(dBm)
GSM (GMSK, 1-Slot)	32.45	32.49	32.45	33.50	23.26	23.30	23.26	24.31
GPRS 1-Slot	32.49	32.41	32.44	33.50	23.30	23.22	23.25	24.31
GPRS 2-Slots	31.60	31.63	31.57	32.00	25.47	25.50	25.44	25.87
GPRS 3-Slots	29.91	29.96	29.87	31.00	25.49	25.54	25.45	26.58
GPRS 4-Slots	28.62	28.68	28.57	29.50	25.44	25.50	25.39	26.32
EGPRS 1-Slot	26.43	26.82	26.72	28.00	17.24	17.63	17.53	18.81
EGPRS 2-Slots	25.37	25.60	25.65	26.50	19.24	19.47	19.52	20.37
EGPRS 3-Slots	23.12	23.36	23.77	24.50	18.70	18.94	19.35	20.08
EGPRS 4-Slots	21.94	22.17	22.19	23.00	18.76	18.99	19.01	19.82
GSM 1900-Level5-Down								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810	(dBm)	512	661	810	(dBm)
GSM (GMSK, 1-Slot)	29.16	29.14	29.08	29.50	19.97	19.95	19.89	20.31
GPRS 1-Slot	29.24	29.23	29.18	29.50	20.05	20.04	19.99	20.31
GPRS 2-Slots	26.45	26.46	26.40	27.00	20.32	20.33	20.27	20.87
GPRS 3-Slots	24.75	24.76	24.71	25.00	20.33	20.34	20.29	20.58
GPRS 4-Slots	23.54	23.53	23.52	25.00	20.36	20.35	20.34	21.82
EGPRS 1-Slot	25.42	25.38	25.40	26.00	16.23	16.19	16.21	16.81
EGPRS 2-Slots	22.33	22.45	22.38	24.00	16.20	16.32	16.25	17.87
EGPRS 3-Slots	20.36	20.55	20.46	22.00	15.94	16.13	16.04	17.58
EGPRS 4-Slots	19.11	19.05	19.10	21.00	15.93	15.87	15.92	17.82

GSM 850-Level6-Down								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.45	32.49	32.45	33.50	23.26	23.30	23.26	24.31
GPRS 1-Slot	32.49	32.41	32.44	33.50	23.30	23.22	23.25	24.31
GPRS 2-Slots	31.60	31.63	31.57	32.00	25.47	25.50	25.44	25.87
GPRS 3-Slots	29.91	29.96	29.87	31.00	25.49	25.54	25.45	26.58
GPRS 4-Slots	28.62	28.68	28.57	29.50	25.44	25.50	25.39	26.32
EGPRS 1-Slot	26.43	26.82	26.72	28.00	17.24	17.63	17.53	18.81
EGPRS 2-Slots	25.37	25.60	25.65	26.50	19.24	19.47	19.52	20.37
EGPRS 3-Slots	23.12	23.36	23.77	24.50	18.70	18.94	19.35	20.08
EGPRS 4-Slots	21.94	22.17	22.19	23.00	18.76	18.99	19.01	19.82
GSM 1900-Level6-Down								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.16	29.14	29.08	29.50	19.97	19.95	19.89	20.31
GPRS 1-Slot	29.24	29.23	29.18	29.50	20.05	20.04	19.99	20.31
GPRS 2-Slots	26.45	26.46	26.40	27.00	20.32	20.33	20.27	20.87
GPRS 3-Slots	24.75	24.76	24.71	25.00	20.33	20.34	20.29	20.58
GPRS 4-Slots	23.54	23.53	23.52	25.00	20.36	20.35	20.34	21.82
EGPRS 1-Slot	25.42	25.38	25.40	26.00	16.23	16.19	16.21	16.81
EGPRS 2-Slots	22.33	22.45	22.38	24.00	16.20	16.32	16.25	17.87
EGPRS 3-Slots	20.36	20.55	20.46	22.00	15.94	16.13	16.04	17.58
EGPRS 4-Slots	19.11	19.05	19.10	21.00	15.93	15.87	15.92	17.82

8.3.1 LTE Band5 Output Power

LTE B5-Level1-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.71	22.79	22.75	24.20
		MID	QPSK	22.90	22.89	22.97	24.20
		HIGH	QPSK	22.72	22.74	22.75	24.20
	3	LOW	QPSK	22.84	22.80	22.90	24.20
		MID	QPSK	22.84	22.84	22.94	24.20
		HIGH	QPSK	22.82	22.91	22.96	24.20
	6	LOW	QPSK	21.80	21.89	21.84	23.20
1.4	1	LOW	Q16	21.93	22.27	21.84	23.20
		MID	Q16	22.07	22.39	21.97	23.20
		HIGH	Q16	21.87	22.25	21.84	23.20
	3	LOW	Q16	21.95	22.16	22.04	23.20
		MID	Q16	21.96	22.15	22.08	23.20
		HIGH	Q16	22.05	22.14	22.02	23.20
	6	LOW	Q16	20.96	20.83	21.07	22.20
1.4	1	LOW	64QAM	21.00	21.17	20.95	22.20
		MID	64QAM	21.07	21.43	20.86	22.20
		HIGH	64QAM	20.87	21.28	20.76	22.20
	3	LOW	64QAM	20.92	21.06	20.90	22.20
		MID	64QAM	20.86	21.16	21.00	22.20
		HIGH	64QAM	21.10	21.18	21.04	22.20
	6	LOW	64QAM	19.90	19.83	19.95	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.96	22.80	22.73	24.20
		MID	QPSK	23.00	23.17	23.04	24.20
		HIGH	QPSK	22.71	22.88	22.83	24.20
	8	LOW	QPSK	22.06	21.96	22.09	23.20
		MID	QPSK	22.12	21.98	22.14	23.20
		HIGH	QPSK	22.08	21.85	22.00	23.20
15	LOW	QPSK	21.88	21.90	22.09	23.20	
3	1	LOW	Q16	21.96	22.29	22.09	23.20
		MID	Q16	22.04	22.59	22.02	23.20
		HIGH	Q16	21.79	22.16	21.90	23.20
	8	LOW	Q16	20.94	21.20	20.99	22.20
		MID	Q16	21.08	20.98	21.17	22.20
		HIGH	Q16	21.08	21.12	21.09	22.20
	15	LOW	Q16	21.10	21.13	21.10	22.20
3	1	LOW	64QAM	20.95	21.14	21.04	22.20
		MID	64QAM	21.05	21.49	21.18	22.20
		HIGH	64QAM	21.02	21.38	20.91	22.20
	8	LOW	64QAM	19.81	20.08	20.01	21.20
		MID	64QAM	20.14	20.03	20.08	21.20
		HIGH	64QAM	19.89	20.16	19.92	21.20
	15	LOW	64QAM	19.99	20.01	19.92	21.20

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.72	22.99	22.90	24.20
		MID	QPSK	23.08	23.11	23.01	24.20
		HIGH	QPSK	22.70	22.99	22.80	24.20
	12	LOW	QPSK	21.99	21.88	21.91	23.20
		MID	QPSK	21.96	22.04	22.13	23.20
		HIGH	QPSK	22.03	22.08	21.86	23.20
	25	LOW	QPSK	21.93	22.05	21.90	23.20
5	1	LOW	Q16	21.73	22.18	22.08	23.20
		MID	Q16	22.09	22.36	22.18	23.20
		HIGH	Q16	21.90	22.30	22.03	23.20
	12	LOW	Q16	20.99	20.99	21.11	22.20
		MID	Q16	20.95	21.07	20.94	22.20
		HIGH	Q16	21.12	21.07	21.18	22.20
	25	LOW	Q16	21.10	20.97	21.00	22.20
5	1	LOW	64QAM	20.87	21.29	20.93	22.20
		MID	64QAM	21.18	21.38	21.27	22.20
		HIGH	64QAM	20.89	21.21	20.97	22.20
	12	LOW	64QAM	20.01	19.98	20.17	21.20
		MID	64QAM	20.00	20.00	20.02	21.20
		HIGH	64QAM	20.11	19.89	19.92	21.20
	25	LOW	64QAM	19.95	19.90	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.86	22.87	22.81	24.20
		MID	QPSK	22.98	23.03	23.10	24.20
		HIGH	QPSK	22.84	22.85	22.87	24.20
	25	LOW	QPSK	21.92	22.01	21.99	23.20
		MID	QPSK	21.98	22.00	21.99	23.20
		HIGH	QPSK	21.99	21.99	21.92	23.20
	50	LOW	QPSK	21.95	21.98	21.97	23.20
10	1	LOW	Q16	21.83	22.27	21.95	23.20
		MID	Q16	22.05	22.44	22.14	23.20
		HIGH	Q16	21.88	22.30	21.91	23.20
	25	LOW	Q16	20.96	21.06	21.10	22.20
		MID	Q16	21.03	21.03	21.08	22.20
		HIGH	Q16	21.04	21.01	21.07	22.20
	50	LOW	Q16	20.96	21.02	21.02	22.20
10	1	LOW	64QAM	20.88	21.24	21.10	22.20
		MID	64QAM	21.00	21.54	21.24	22.20
		HIGH	64QAM	20.92	21.26	20.81	22.20
	25	LOW	64QAM	20.07	19.91	20.08	21.20
		MID	64QAM	19.97	20.08	20.16	21.20
		HIGH	64QAM	19.96	20.03	19.99	21.20
	50	LOW	64QAM	19.84	19.87	19.88	21.20

LTE B5-Level2-Down

Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.71	22.79	22.75	24.20
		MID	QPSK	22.90	22.89	22.97	24.20
		HIGH	QPSK	22.72	22.74	22.75	24.20
	3	LOW	QPSK	22.84	22.80	22.90	24.20
		MID	QPSK	22.84	22.84	22.94	24.20
		HIGH	QPSK	22.82	22.91	22.96	24.20
	6	LOW	QPSK	21.80	21.89	21.84	23.20
1.4	1	LOW	Q16	21.93	22.27	21.84	23.20
		MID	Q16	22.07	22.39	21.97	23.20
		HIGH	Q16	21.87	22.25	21.84	23.20
	3	LOW	Q16	21.95	22.16	22.04	23.20
		MID	Q16	21.96	22.15	22.08	23.20
		HIGH	Q16	22.05	22.14	22.02	23.20
	6	LOW	Q16	20.96	20.83	21.07	22.20
1.4	1	LOW	64QAM	21.00	21.17	20.95	22.20
		MID	64QAM	21.07	21.43	20.86	22.20
		HIGH	64QAM	20.87	21.28	20.76	22.20
	3	LOW	64QAM	20.92	21.06	20.90	22.20
		MID	64QAM	20.86	21.16	21.00	22.20
		HIGH	64QAM	21.10	21.18	21.04	22.20
	6	LOW	64QAM	19.90	19.83	19.95	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.96	22.80	22.73	24.20
		MID	QPSK	23.00	23.17	23.04	24.20
		HIGH	QPSK	22.71	22.88	22.83	24.20
	8	LOW	QPSK	22.06	21.96	22.09	23.20
		MID	QPSK	22.12	21.98	22.14	23.20
		HIGH	QPSK	22.08	21.85	22.00	23.20
	15	LOW	QPSK	21.88	21.90	22.09	23.20
3	1	LOW	Q16	21.96	22.29	22.09	23.20
		MID	Q16	22.04	22.59	22.02	23.20
		HIGH	Q16	21.79	22.16	21.90	23.20
	8	LOW	Q16	20.94	21.20	20.99	22.20
		MID	Q16	21.08	20.98	21.17	22.20
		HIGH	Q16	21.08	21.12	21.09	22.20
	15	LOW	Q16	21.10	21.13	21.10	22.20
3	1	LOW	64QAM	20.95	21.14	21.04	22.20
		MID	64QAM	21.05	21.49	21.18	22.20
		HIGH	64QAM	21.02	21.38	20.91	22.20
	8	LOW	64QAM	19.81	20.08	20.01	21.20
		MID	64QAM	20.14	20.03	20.08	21.20
		HIGH	64QAM	19.89	20.16	19.92	21.20
	15	LOW	64QAM	19.99	20.01	19.92	21.20

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.72	22.99	22.90	24.20
		MID	QPSK	23.08	23.11	23.01	24.20
		HIGH	QPSK	22.70	22.99	22.80	24.20
	12	LOW	QPSK	21.99	21.88	21.91	23.20
		MID	QPSK	21.96	22.04	22.13	23.20
		HIGH	QPSK	22.03	22.08	21.86	23.20
	25	LOW	QPSK	21.93	22.05	21.90	23.20
5	1	LOW	Q16	21.73	22.18	22.08	23.20
		MID	Q16	22.09	22.36	22.18	23.20
		HIGH	Q16	21.90	22.30	22.03	23.20
	12	LOW	Q16	20.99	20.99	21.11	22.20
		MID	Q16	20.95	21.07	20.94	22.20
		HIGH	Q16	21.12	21.07	21.18	22.20
	25	LOW	Q16	21.10	20.97	21.00	22.20
5	1	LOW	64QAM	20.87	21.29	20.93	22.20
		MID	64QAM	21.18	21.38	21.27	22.20
		HIGH	64QAM	20.89	21.21	20.97	22.20
	12	LOW	64QAM	20.01	19.98	20.17	21.20
		MID	64QAM	20.00	20.00	20.02	21.20
		HIGH	64QAM	20.11	19.89	19.92	21.20
	25	LOW	64QAM	19.95	19.90	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.86	22.87	22.81	24.20
		MID	QPSK	22.98	23.03	23.10	24.20
		HIGH	QPSK	22.84	22.85	22.87	24.20
	25	LOW	QPSK	21.92	22.01	21.99	23.20
		MID	QPSK	21.98	22.00	21.99	23.20
		HIGH	QPSK	21.99	21.99	21.92	23.20
	50	LOW	QPSK	21.95	21.98	21.97	23.20
10	1	LOW	Q16	21.83	22.27	21.95	23.20
		MID	Q16	22.05	22.44	22.14	23.20
		HIGH	Q16	21.88	22.30	21.91	23.20
	25	LOW	Q16	20.96	21.06	21.10	22.20
		MID	Q16	21.03	21.03	21.08	22.20
		HIGH	Q16	21.04	21.01	21.07	22.20
	50	LOW	Q16	20.96	21.02	21.02	22.20
10	1	LOW	64QAM	20.88	21.24	21.10	22.20
		MID	64QAM	21.00	21.54	21.24	22.20
		HIGH	64QAM	20.92	21.26	20.81	22.20
	25	LOW	64QAM	20.07	19.91	20.08	21.20
		MID	64QAM	19.97	20.08	20.16	21.20
		HIGH	64QAM	19.96	20.03	19.99	21.20
	50	LOW	64QAM	19.84	19.87	19.88	21.20

LTE B5-Level3-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dB)
1.4	1	LOW	QPSK	22.71	22.79	22.75	24.20
		MID	QPSK	22.90	22.89	22.97	24.20
		HIGH	QPSK	22.72	22.74	22.75	24.20
	3	LOW	QPSK	22.84	22.80	22.90	24.20
		MID	QPSK	22.84	22.84	22.94	24.20
		HIGH	QPSK	22.82	22.91	22.96	24.20
1.4	1	LOW	Q16	21.93	22.27	21.84	23.20
		MID	Q16	22.07	22.39	21.97	23.20
		HIGH	Q16	21.87	22.25	21.84	23.20
	3	LOW	Q16	21.95	22.16	22.04	23.20
		MID	Q16	21.96	22.15	22.08	23.20
		HIGH	Q16	22.05	22.14	22.02	23.20
1.4	1	LOW	Q16	20.96	20.83	21.07	22.20
		MID	Q16	20.96	20.83	21.07	22.20
		HIGH	Q16	20.96	20.83	21.07	22.20
	3	LOW	Q16	20.96	20.83	21.07	22.20
		MID	Q16	20.96	20.83	21.07	22.20
		HIGH	Q16	20.96	20.83	21.07	22.20
1.4	1	LOW	64QAM	21.00	21.17	20.95	22.20
		MID	64QAM	21.07	21.43	20.86	22.20
		HIGH	64QAM	20.87	21.28	20.76	22.20
	3	LOW	64QAM	20.92	21.06	20.90	22.20
		MID	64QAM	20.86	21.16	21.00	22.20
		HIGH	64QAM	21.10	21.18	21.04	22.20
1.4	1	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
	3	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
3	1	LOW	QPSK	22.96	22.80	22.73	24.20
		MID	QPSK	23.00	23.17	23.04	24.20
		HIGH	QPSK	22.71	22.88	22.83	24.20
	8	LOW	QPSK	22.06	21.96	22.09	23.20
		MID	QPSK	22.12	21.98	22.14	23.20
		HIGH	QPSK	22.08	21.85	22.00	23.20
3	1	LOW	QPSK	21.88	21.90	22.09	23.20
		MID	QPSK	21.88	21.90	22.09	23.20
		HIGH	QPSK	21.88	21.90	22.09	23.20
	8	LOW	QPSK	21.88	21.90	22.09	23.20
		MID	QPSK	21.88	21.90	22.09	23.20
		HIGH	QPSK	21.88	21.90	22.09	23.20
3	1	LOW	Q16	21.96	22.29	22.09	23.20
		MID	Q16	22.04	22.59	22.02	23.20
		HIGH	Q16	21.79	22.16	21.90	23.20
	8	LOW	Q16	20.94	21.20	20.99	22.20
		MID	Q16	21.08	20.98	21.17	22.20
		HIGH	Q16	21.08	21.12	21.09	22.20
3	1	LOW	Q16	21.10	21.13	21.10	22.20
		MID	Q16	21.10	21.13	21.10	22.20
		HIGH	Q16	21.10	21.13	21.10	22.20
	8	LOW	Q16	21.10	21.13	21.10	22.20
		MID	Q16	21.10	21.13	21.10	22.20
		HIGH	Q16	21.10	21.13	21.10	22.20
3	1	LOW	64QAM	20.95	21.14	21.04	22.20
		MID	64QAM	21.05	21.49	21.18	22.20
		HIGH	64QAM	21.02	21.38	20.91	22.20
	8	LOW	64QAM	19.81	20.08	20.01	21.20
		MID	64QAM	20.14	20.03	20.08	21.20
		HIGH	64QAM	19.89	20.16	19.92	21.20
3	1	LOW	64QAM	19.99	20.01	19.92	21.20
		MID	64QAM	19.99	20.01	19.92	21.20
		HIGH	64QAM	19.99	20.01	19.92	21.20
	8	LOW	64QAM	19.99	20.01	19.92	21.20
		MID	64QAM	19.99	20.01	19.92	21.20
		HIGH	64QAM	19.99	20.01	19.92	21.20

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dB)
5	1	LOW	QPSK	22.72	22.99	22.90	24.20
		MID	QPSK	23.08	23.11	23.01	24.20
		HIGH	QPSK	22.70	22.99	22.80	24.20
	12	LOW	QPSK	21.99	21.88	21.91	23.20
		MID	QPSK	21.96	22.04	22.13	23.20
		HIGH	QPSK	22.03	22.08	21.86	23.20
	25	LOW	QPSK	21.93	22.05	21.90	23.20
5	1	LOW	Q16	21.73	22.18	22.08	23.20
		MID	Q16	22.09	22.36	22.18	23.20
		HIGH	Q16	21.90	22.30	22.03	23.20
	12	LOW	Q16	20.99	20.99	21.11	22.20
		MID	Q16	20.95	21.07	20.94	22.20
		HIGH	Q16	21.12	21.07	21.18	22.20
	25	LOW	Q16	21.10	20.97	21.00	22.20
5	1	LOW	64QAM	20.87	21.29	20.93	22.20
		MID	64QAM	21.18	21.38	21.27	22.20
		HIGH	64QAM	20.89	21.21	20.97	22.20
	12	LOW	64QAM	20.01	19.98	20.17	21.20
		MID	64QAM	20.00	20.00	20.02	21.20
		HIGH	64QAM	20.11	19.89	19.92	21.20
	25	LOW	64QAM	19.95	19.90	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dB)
10	1	LOW	QPSK	22.86	22.87	22.81	24.20
		MID	QPSK	22.98	23.03	23.10	24.20
		HIGH	QPSK	22.84	22.85	22.87	24.20
	25	LOW	QPSK	21.92	22.01	21.99	23.20
		MID	QPSK	21.98	22.00	21.99	23.20
		HIGH	QPSK	21.99	21.99	21.92	23.20
	50	LOW	QPSK	21.95	21.98	21.97	23.20
10	1	LOW	Q16	21.83	22.27	21.95	23.20
		MID	Q16	22.05	22.44	22.14	23.20
		HIGH	Q16	21.88	22.30	21.91	23.20
	25	LOW	Q16	20.96	21.06	21.10	22.20
		MID	Q16	21.03	21.03	21.08	22.20
		HIGH	Q16	21.04	21.01	21.07	22.20
	50	LOW	Q16	20.96	21.02	21.02	22.20
10	1	LOW	64QAM	20.88	21.24	21.10	22.20
		MID	64QAM	21.00	21.54	21.24	22.20
		HIGH	64QAM	20.92	21.26	20.81	22.20
	25	LOW	64QAM	20.07	19.91	20.08	21.20
		MID	64QAM	19.97	20.08	20.16	21.20
		HIGH	64QAM	19.96	20.03	19.99	21.20
	50	LOW	64QAM	19.84	19.87	19.88	21.20

LTE B5-Level4-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dB)
1.4	1	LOW	QPSK	22.71	22.79	22.75	24.20
		MID	QPSK	22.90	22.89	22.97	24.20
		HIGH	QPSK	22.72	22.74	22.75	24.20
	3	LOW	QPSK	22.84	22.80	22.90	24.20
		MID	QPSK	22.84	22.84	22.94	24.20
		HIGH	QPSK	22.82	22.91	22.96	24.20
1.4	1	LOW	QPSK	21.80	21.89	21.84	23.20
	3	LOW	Q16	21.93	22.27	21.84	23.20
		MID	Q16	22.07	22.39	21.97	23.20
		HIGH	Q16	21.87	22.25	21.84	23.20
	3	LOW	Q16	21.95	22.16	22.04	23.20
		MID	Q16	21.96	22.15	22.08	23.20
1.4	1	LOW	Q16	22.05	22.14	22.02	23.20
		MID	Q16	22.05	22.14	22.02	23.20
		HIGH	Q16	22.05	22.14	22.02	23.20
	3	LOW	Q16	20.96	20.83	21.07	22.20
		MID	Q16	20.96	20.83	21.07	22.20
		HIGH	Q16	20.96	20.83	21.07	22.20
1.4	1	LOW	64QAM	21.00	21.17	20.95	22.20
		MID	64QAM	21.07	21.43	20.86	22.20
		HIGH	64QAM	20.87	21.28	20.76	22.20
	3	LOW	64QAM	20.92	21.06	20.90	22.20
		MID	64QAM	20.86	21.16	21.00	22.20
		HIGH	64QAM	21.10	21.18	21.04	22.20
1.4	1	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
	3	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
3	1	LOW	QPSK	22.96	22.80	22.73	24.20
		MID	QPSK	23.00	23.17	23.04	24.20
		HIGH	QPSK	22.71	22.88	22.83	24.20
	8	LOW	QPSK	22.06	21.96	22.09	23.20
		MID	QPSK	22.12	21.98	22.14	23.20
		HIGH	QPSK	22.08	21.85	22.00	23.20
3	1	LOW	QPSK	21.88	21.90	22.09	23.20
		MID	QPSK	21.88	21.90	22.09	23.20
		HIGH	QPSK	21.88	21.90	22.09	23.20
	8	LOW	Q16	21.96	22.29	22.09	23.20
		MID	Q16	22.04	22.59	22.02	23.20
		HIGH	Q16	21.79	22.16	21.90	23.20
3	1	LOW	Q16	21.96	22.29	22.09	23.20
		MID	Q16	22.04	22.59	22.02	23.20
		HIGH	Q16	21.79	22.16	21.90	23.20
	8	LOW	Q16	20.94	21.20	20.99	22.20
		MID	Q16	21.08	20.98	21.17	22.20
		HIGH	Q16	21.08	21.12	21.09	22.20
3	1	LOW	Q16	21.10	21.13	21.10	22.20
		MID	Q16	21.10	21.13	21.10	22.20
		HIGH	Q16	21.10	21.13	21.10	22.20
	8	LOW	64QAM	20.95	21.14	21.04	22.20
		MID	64QAM	21.05	21.49	21.18	22.20
		HIGH	64QAM	21.02	21.38	20.91	22.20
3	1	LOW	64QAM	19.81	20.08	20.01	21.20
		MID	64QAM	20.14	20.03	20.08	21.20
		HIGH	64QAM	19.89	20.16	19.92	21.20
	8	LOW	64QAM	19.99	20.01	19.92	21.20
		MID	64QAM	19.99	20.01	19.92	21.20
		HIGH	64QAM	19.99	20.01	19.92	21.20

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dB)
5	1	LOW	QPSK	22.72	22.99	22.90	24.20
		MID	QPSK	23.08	23.11	23.01	24.20
		HIGH	QPSK	22.70	22.99	22.80	24.20
	12	LOW	QPSK	21.99	21.88	21.91	23.20
		MID	QPSK	21.96	22.04	22.13	23.20
		HIGH	QPSK	22.03	22.08	21.86	23.20
	25	LOW	QPSK	21.93	22.05	21.90	23.20
5	1	LOW	Q16	21.73	22.18	22.08	23.20
		MID	Q16	22.09	22.36	22.18	23.20
		HIGH	Q16	21.90	22.30	22.03	23.20
	12	LOW	Q16	20.99	20.99	21.11	22.20
		MID	Q16	20.95	21.07	20.94	22.20
		HIGH	Q16	21.12	21.07	21.18	22.20
	25	LOW	Q16	21.10	20.97	21.00	22.20
5	1	LOW	64QAM	20.87	21.29	20.93	22.20
		MID	64QAM	21.18	21.38	21.27	22.20
		HIGH	64QAM	20.89	21.21	20.97	22.20
	12	LOW	64QAM	20.01	19.98	20.17	21.20
		MID	64QAM	20.00	20.00	20.02	21.20
		HIGH	64QAM	20.11	19.89	19.92	21.20
	25	LOW	64QAM	19.95	19.90	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dB)
10	1	LOW	QPSK	22.86	22.87	22.81	24.20
		MID	QPSK	22.98	23.03	23.10	24.20
		HIGH	QPSK	22.84	22.85	22.87	24.20
	25	LOW	QPSK	21.92	22.01	21.99	23.20
		MID	QPSK	21.98	22.00	21.99	23.20
		HIGH	QPSK	21.99	21.99	21.92	23.20
	50	LOW	QPSK	21.95	21.98	21.97	23.20
10	1	LOW	Q16	21.83	22.27	21.95	23.20
		MID	Q16	22.05	22.44	22.14	23.20
		HIGH	Q16	21.88	22.30	21.91	23.20
	25	LOW	Q16	20.96	21.06	21.10	22.20
		MID	Q16	21.03	21.03	21.08	22.20
		HIGH	Q16	21.04	21.01	21.07	22.20
	50	LOW	Q16	20.96	21.02	21.02	22.20
10	1	LOW	64QAM	20.88	21.24	21.10	22.20
		MID	64QAM	21.00	21.54	21.24	22.20
		HIGH	64QAM	20.92	21.26	20.81	22.20
	25	LOW	64QAM	20.07	19.91	20.08	21.20
		MID	64QAM	19.97	20.08	20.16	21.20
		HIGH	64QAM	19.96	20.03	19.99	21.20
	50	LOW	64QAM	19.84	19.87	19.88	21.20

LTE B5-Level5-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dB)
1.4	1	LOW	QPSK	22.71	22.79	22.75	24.20
		MID	QPSK	22.90	22.89	22.97	24.20
		HIGH	QPSK	22.72	22.74	22.75	24.20
	3	LOW	QPSK	22.84	22.80	22.90	24.20
		MID	QPSK	22.84	22.84	22.94	24.20
		HIGH	QPSK	22.82	22.91	22.96	24.20
1.4	1	LOW	Q16	21.93	22.27	21.84	23.20
		MID	Q16	22.07	22.39	21.97	23.20
		HIGH	Q16	21.87	22.25	21.84	23.20
	3	LOW	Q16	21.95	22.16	22.04	23.20
		MID	Q16	21.96	22.15	22.08	23.20
		HIGH	Q16	22.05	22.14	22.02	23.20
1.4	1	LOW	Q16	20.96	20.83	21.07	22.20
		MID	Q16	20.96	20.83	21.07	22.20
		HIGH	Q16	20.96	20.83	21.07	22.20
	3	LOW	Q16	20.96	20.83	21.07	22.20
		MID	Q16	20.96	20.83	21.07	22.20
		HIGH	Q16	20.96	20.83	21.07	22.20
1.4	1	LOW	64QAM	21.00	21.17	20.95	22.20
		MID	64QAM	21.07	21.43	20.86	22.20
		HIGH	64QAM	20.87	21.28	20.76	22.20
	3	LOW	64QAM	20.92	21.06	20.90	22.20
		MID	64QAM	20.86	21.16	21.00	22.20
		HIGH	64QAM	21.10	21.18	21.04	22.20
1.4	1	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
	3	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dB)
3	1	LOW	QPSK	22.96	22.80	22.73	24.20
		MID	QPSK	23.00	23.17	23.04	24.20
		HIGH	QPSK	22.71	22.88	22.83	24.20
	8	LOW	QPSK	22.06	21.96	22.09	23.20
		MID	QPSK	22.12	21.98	22.14	23.20
		HIGH	QPSK	22.08	21.85	22.00	23.20
3	1	LOW	QPSK	21.88	21.90	22.09	23.20
		MID	QPSK	21.88	21.90	22.09	23.20
		HIGH	QPSK	21.88	21.90	22.09	23.20
	8	LOW	QPSK	21.88	21.90	22.09	23.20
		MID	QPSK	21.88	21.90	22.09	23.20
		HIGH	QPSK	21.88	21.90	22.09	23.20
3	1	LOW	Q16	21.96	22.29	22.09	23.20
		MID	Q16	22.04	22.59	22.02	23.20
		HIGH	Q16	21.79	22.16	21.90	23.20
	8	LOW	Q16	20.94	21.20	20.99	22.20
		MID	Q16	21.08	20.98	21.17	22.20
		HIGH	Q16	21.08	21.12	21.09	22.20
3	1	LOW	Q16	21.10	21.13	21.10	22.20
		MID	Q16	21.10	21.13	21.10	22.20
		HIGH	Q16	21.10	21.13	21.10	22.20
	8	LOW	Q16	21.10	21.13	21.10	22.20
		MID	Q16	21.10	21.13	21.10	22.20
		HIGH	Q16	21.10	21.13	21.10	22.20
3	1	LOW	64QAM	20.95	21.14	21.04	22.20
		MID	64QAM	21.05	21.49	21.18	22.20
		HIGH	64QAM	21.02	21.38	20.91	22.20
	8	LOW	64QAM	19.81	20.08	20.01	21.20
		MID	64QAM	20.14	20.03	20.08	21.20
		HIGH	64QAM	19.89	20.16	19.92	21.20
3	1	LOW	64QAM	19.99	20.01	19.92	21.20
		MID	64QAM	19.99	20.01	19.92	21.20
		HIGH	64QAM	19.99	20.01	19.92	21.20
	8	LOW	64QAM	19.99	20.01	19.92	21.20
		MID	64QAM	19.99	20.01	19.92	21.20
		HIGH	64QAM	19.99	20.01	19.92	21.20

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dB)
5	1	LOW	QPSK	22.72	22.99	22.90	24.20
		MID	QPSK	23.08	23.11	23.01	24.20
		HIGH	QPSK	22.70	22.99	22.80	24.20
	12	LOW	QPSK	21.99	21.88	21.91	23.20
		MID	QPSK	21.96	22.04	22.13	23.20
		HIGH	QPSK	22.03	22.08	21.86	23.20
	25	LOW	QPSK	21.93	22.05	21.90	23.20
5	1	LOW	Q16	21.73	22.18	22.08	23.20
		MID	Q16	22.09	22.36	22.18	23.20
		HIGH	Q16	21.90	22.30	22.03	23.20
	12	LOW	Q16	20.99	20.99	21.11	22.20
		MID	Q16	20.95	21.07	20.94	22.20
		HIGH	Q16	21.12	21.07	21.18	22.20
	25	LOW	Q16	21.10	20.97	21.00	22.20
5	1	LOW	64QAM	20.87	21.29	20.93	22.20
		MID	64QAM	21.18	21.38	21.27	22.20
		HIGH	64QAM	20.89	21.21	20.97	22.20
	12	LOW	64QAM	20.01	19.98	20.17	21.20
		MID	64QAM	20.00	20.00	20.02	21.20
		HIGH	64QAM	20.11	19.89	19.92	21.20
	25	LOW	64QAM	19.95	19.90	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dB)
10	1	LOW	QPSK	22.86	22.87	22.81	24.20
		MID	QPSK	22.98	23.03	23.10	24.20
		HIGH	QPSK	22.84	22.85	22.87	24.20
	25	LOW	QPSK	21.92	22.01	21.99	23.20
		MID	QPSK	21.98	22.00	21.99	23.20
		HIGH	QPSK	21.99	21.99	21.92	23.20
	50	LOW	QPSK	21.95	21.98	21.97	23.20
10	1	LOW	Q16	21.83	22.27	21.95	23.20
		MID	Q16	22.05	22.44	22.14	23.20
		HIGH	Q16	21.88	22.30	21.91	23.20
	25	LOW	Q16	20.96	21.06	21.10	22.20
		MID	Q16	21.03	21.03	21.08	22.20
		HIGH	Q16	21.04	21.01	21.07	22.20
	50	LOW	Q16	20.96	21.02	21.02	22.20
10	1	LOW	64QAM	20.88	21.24	21.10	22.20
		MID	64QAM	21.00	21.54	21.24	22.20
		HIGH	64QAM	20.92	21.26	20.81	22.20
	25	LOW	64QAM	20.07	19.91	20.08	21.20
		MID	64QAM	19.97	20.08	20.16	21.20
		HIGH	64QAM	19.96	20.03	19.99	21.20
	50	LOW	64QAM	19.84	19.87	19.88	21.20

LTE B5-Level6-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dB)
1.4	1	LOW	QPSK	22.71	22.79	22.75	24.20
		MID	QPSK	22.90	22.89	22.97	24.20
		HIGH	QPSK	22.72	22.74	22.75	24.20
	3	LOW	QPSK	22.84	22.80	22.90	24.20
		MID	QPSK	22.84	22.84	22.94	24.20
		HIGH	QPSK	22.82	22.91	22.96	24.20
1.4	1	LOW	QPSK	21.80	21.89	21.84	23.20
		MID	QPSK	21.80	21.89	21.84	23.20
		HIGH	QPSK	21.80	21.89	21.84	23.20
	3	LOW	QPSK	21.93	22.27	21.84	23.20
		MID	QPSK	22.07	22.39	21.97	23.20
		HIGH	QPSK	21.87	22.25	21.84	23.20
1.4	1	LOW	Q16	21.93	22.27	21.84	23.20
		MID	Q16	22.07	22.39	21.97	23.20
		HIGH	Q16	21.87	22.25	21.84	23.20
	3	LOW	Q16	21.95	22.16	22.04	23.20
		MID	Q16	21.96	22.15	22.08	23.20
		HIGH	Q16	22.05	22.14	22.02	23.20
1.4	1	LOW	Q16	20.96	20.83	21.07	22.20
		MID	Q16	20.96	20.83	21.07	22.20
		HIGH	Q16	20.96	20.83	21.07	22.20
	3	LOW	Q16	20.96	20.83	21.07	22.20
		MID	Q16	20.96	20.83	21.07	22.20
		HIGH	Q16	20.96	20.83	21.07	22.20
1.4	1	LOW	64QAM	21.00	21.17	20.95	22.20
		MID	64QAM	21.07	21.43	20.86	22.20
		HIGH	64QAM	20.87	21.28	20.76	22.20
	3	LOW	64QAM	20.92	21.06	20.90	22.20
		MID	64QAM	20.86	21.16	21.00	22.20
		HIGH	64QAM	21.10	21.18	21.04	22.20
1.4	1	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
	3	LOW	64QAM	19.90	19.83	19.95	21.20
		MID	64QAM	19.90	19.83	19.95	21.20
		HIGH	64QAM	19.90	19.83	19.95	21.20
3	1	LOW	QPSK	22.96	22.80	22.73	24.20
		MID	QPSK	23.00	23.17	23.04	24.20
		HIGH	QPSK	22.71	22.88	22.83	24.20
	8	LOW	QPSK	22.06	21.96	22.09	23.20
		MID	QPSK	22.12	21.98	22.14	23.20
		HIGH	QPSK	22.08	21.85	22.00	23.20
3	1	LOW	QPSK	21.88	21.90	22.09	23.20
		MID	QPSK	21.88	21.90	22.09	23.20
		HIGH	QPSK	21.88	21.90	22.09	23.20
	8	LOW	QPSK	21.88	21.90	22.09	23.20
		MID	QPSK	21.88	21.90	22.09	23.20
		HIGH	QPSK	21.88	21.90	22.09	23.20
3	1	LOW	Q16	21.96	22.29	22.09	23.20
		MID	Q16	22.04	22.59	22.02	23.20
		HIGH	Q16	21.79	22.16	21.90	23.20
	8	LOW	Q16	20.94	21.20	20.99	22.20
		MID	Q16	21.08	20.98	21.17	22.20
		HIGH	Q16	21.08	21.12	21.09	22.20
3	1	LOW	Q16	21.10	21.13	21.10	22.20
		MID	Q16	21.10	21.13	21.10	22.20
		HIGH	Q16	21.10	21.13	21.10	22.20
	8	LOW	Q16	21.10	21.13	21.10	22.20
		MID	Q16	21.10	21.13	21.10	22.20
		HIGH	Q16	21.10	21.13	21.10	22.20
3	1	LOW	64QAM	20.95	21.14	21.04	22.20
		MID	64QAM	21.05	21.49	21.18	22.20
		HIGH	64QAM	21.02	21.38	20.91	22.20
	8	LOW	64QAM	19.81	20.08	20.01	21.20
		MID	64QAM	20.14	20.03	20.08	21.20
		HIGH	64QAM	19.89	20.16	19.92	21.20
3	1	LOW	64QAM	19.99	20.01	19.92	21.20
		MID	64QAM	19.99	20.01	19.92	21.20
		HIGH	64QAM	19.99	20.01	19.92	21.20
	8	LOW	64QAM	19.99	20.01	19.92	21.20
		MID	64QAM	19.99	20.01	19.92	21.20
		HIGH	64QAM	19.99	20.01	19.92	21.20

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dB)
5	1	LOW	QPSK	22.72	22.99	22.90	24.20
		MID	QPSK	23.08	23.11	23.01	24.20
		HIGH	QPSK	22.70	22.99	22.80	24.20
	12	LOW	QPSK	21.99	21.88	21.91	23.20
		MID	QPSK	21.96	22.04	22.13	23.20
		HIGH	QPSK	22.03	22.08	21.86	23.20
	25	LOW	QPSK	21.93	22.05	21.90	23.20
5	1	LOW	Q16	21.73	22.18	22.08	23.20
		MID	Q16	22.09	22.36	22.18	23.20
		HIGH	Q16	21.90	22.30	22.03	23.20
	12	LOW	Q16	20.99	20.99	21.11	22.20
		MID	Q16	20.95	21.07	20.94	22.20
		HIGH	Q16	21.12	21.07	21.18	22.20
	25	LOW	Q16	21.10	20.97	21.00	22.20
5	1	LOW	64QAM	20.87	21.29	20.93	22.20
		MID	64QAM	21.18	21.38	21.27	22.20
		HIGH	64QAM	20.89	21.21	20.97	22.20
	12	LOW	64QAM	20.01	19.98	20.17	21.20
		MID	64QAM	20.00	20.00	20.02	21.20
		HIGH	64QAM	20.11	19.89	19.92	21.20
	25	LOW	64QAM	19.95	19.90	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dB)
10	1	LOW	QPSK	22.86	22.87	22.81	24.20
		MID	QPSK	22.98	23.03	23.10	24.20
		HIGH	QPSK	22.84	22.85	22.87	24.20
	25	LOW	QPSK	21.92	22.01	21.99	23.20
		MID	QPSK	21.98	22.00	21.99	23.20
		HIGH	QPSK	21.99	21.99	21.92	23.20
	50	LOW	QPSK	21.95	21.98	21.97	23.20
10	1	LOW	Q16	21.83	22.27	21.95	23.20
		MID	Q16	22.05	22.44	22.14	23.20
		HIGH	Q16	21.88	22.30	21.91	23.20
	25	LOW	Q16	20.96	21.06	21.10	22.20
		MID	Q16	21.03	21.03	21.08	22.20
		HIGH	Q16	21.04	21.01	21.07	22.20
	50	LOW	Q16	20.96	21.02	21.02	22.20
10	1	LOW	64QAM	20.88	21.24	21.10	22.20
		MID	64QAM	21.00	21.54	21.24	22.20
		HIGH	64QAM	20.92	21.26	20.81	22.20
	25	LOW	64QAM	20.07	19.91	20.08	21.20
		MID	64QAM	19.97	20.08	20.16	21.20
		HIGH	64QAM	19.96	20.03	19.99	21.20
	50	LOW	64QAM	19.84	19.87	19.88	21.20

8.3.2 LTE Band7 Output Power

LTE B7-Level1-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.32	22.37	22.35	23.50
		MID	QPSK	22.72	22.60	22.67	23.50
		HIGH	QPSK	22.31	22.20	22.14	23.50
	12	LOW	QPSK	21.52	21.61	21.72	22.50
		MID	QPSK	21.63	21.67	21.80	22.50
		HIGH	QPSK	21.47	21.47	21.50	22.50
	25	LOW	QPSK	21.60	21.50	21.70	22.50
5	1	LOW	Q16	21.65	21.63	21.56	22.50
		MID	Q16	22.29	22.14	21.99	22.50
		HIGH	Q16	21.65	21.75	21.83	22.50
	12	LOW	Q16	20.53	20.53	20.73	21.50
		MID	Q16	20.62	20.51	20.66	21.50
		HIGH	Q16	20.59	20.47	20.63	21.50
	25	LOW	Q16	20.71	20.57	20.68	21.50
5	1	LOW	64QAM	20.65	20.69	20.57	21.50
		MID	64QAM	21.05	21.05	21.22	21.50
		HIGH	64QAM	20.72	20.90	20.76	21.50
	12	LOW	64QAM	19.57	19.63	19.56	20.50
		MID	64QAM	19.66	19.67	19.71	20.50
		HIGH	64QAM	19.77	19.54	19.67	20.50
	25	LOW	64QAM	19.68	19.43	19.77	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.10	22.36	22.10	23.50
		MID	QPSK	22.71	22.83	22.74	23.50
		HIGH	QPSK	22.21	22.21	22.32	23.50
	25	LOW	QPSK	21.41	21.69	21.65	22.50
		MID	QPSK	21.66	21.62	21.75	22.50
		HIGH	QPSK	21.74	21.67	21.56	22.50
10	50	LOW	QPSK	21.44	21.39	21.60	22.50
	1	LOW	Q16	21.69	21.82	21.57	22.50
		MID	Q16	22.06	22.22	22.09	22.50
		HIGH	Q16	21.69	21.90	21.66	22.50
	25	LOW	Q16	20.57	20.75	20.49	21.50
		MID	Q16	20.59	20.57	20.78	21.50
		HIGH	Q16	20.69	20.46	20.58	21.50
	50	LOW	Q16	20.44	20.56	20.65	21.50
10	1	LOW	64QAM	20.87	20.66	20.82	21.50
		MID	64QAM	21.07	21.11	21.09	21.50
		HIGH	64QAM	20.63	20.79	20.76	21.50
	25	LOW	64QAM	19.65	19.63	19.66	20.50
		MID	64QAM	19.49	19.52	19.70	20.50
		HIGH	64QAM	19.66	19.62	19.81	20.50
	50	LOW	64QAM	19.41	19.51	19.78	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.26	22.37	22.36	23.50
		MID	QPSK	22.66	22.75	22.84	23.50
		HIGH	QPSK	22.14	22.32	22.22	23.50
	36	LOW	QPSK	21.43	21.66	21.60	22.50
		MID	QPSK	21.61	21.69	21.81	22.50
		HIGH	QPSK	21.44	21.50	21.48	22.50
	75	LOW	QPSK	21.45	21.68	21.73	22.50
15	1	LOW	Q16	21.87	21.72	21.79	22.50
		MID	Q16	22.05	22.27	22.22	22.50
		HIGH	Q16	21.67	21.80	21.80	22.50
	36	LOW	Q16	20.37	20.56	20.74	21.50
		MID	Q16	20.67	20.61	20.75	21.50
		HIGH	Q16	20.61	20.67	20.67	21.50
	75	LOW	Q16	20.56	20.55	20.60	21.50
15	1	LOW	64QAM	20.62	20.69	20.68	21.50
		MID	64QAM	21.09	20.99	20.97	21.50
		HIGH	64QAM	20.80	20.85	20.70	21.50
	36	LOW	64QAM	19.64	19.58	19.44	20.50
		MID	64QAM	19.60	19.61	19.70	20.50
		HIGH	64QAM	19.77	19.65	19.74	20.50
	75	LOW	64QAM	19.41	19.71	19.82	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.20	22.25	22.24	23.50
		MID	QPSK	22.68	22.71	22.71	23.50
		HIGH	QPSK	22.18	22.35	22.28	23.50
	50	LOW	QPSK	21.42	21.60	21.59	22.50
		MID	QPSK	21.56	21.61	21.66	22.50
		HIGH	QPSK	21.59	21.55	21.62	22.50
	100	LOW	QPSK	21.57	21.54	21.66	22.50
20	1	LOW	Q16	21.73	21.72	21.67	22.50
		MID	Q16	22.16	22.14	22.12	22.50
		HIGH	Q16	21.78	21.77	21.75	22.50
	50	LOW	Q16	20.51	20.63	20.59	21.50
		MID	Q16	20.59	20.66	20.67	21.50
		HIGH	Q16	20.66	20.60	20.68	21.50
	100	LOW	Q16	20.56	20.57	20.68	21.50
20	1	LOW	64QAM	20.79	20.87	20.74	21.50
		MID	64QAM	21.13	21.01	21.15	21.50
		HIGH	64QAM	20.76	20.87	20.84	21.50
	50	LOW	64QAM	19.53	19.51	19.47	20.50
		MID	64QAM	19.65	19.54	19.76	20.50
		HIGH	64QAM	19.67	19.46	19.58	20.50
	100	LOW	64QAM	19.67	19.49	19.72	20.50

LTE B7-Level2-Down							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.32	22.37	22.35	23.50
		MID	QPSK	22.72	22.60	22.67	23.50
		HIGH	QPSK	22.31	22.20	22.14	23.50
	12	LOW	QPSK	21.52	21.61	21.72	22.50
		MID	QPSK	21.63	21.67	21.80	22.50
		HIGH	QPSK	21.47	21.47	21.50	22.50
	25	LOW	QPSK	21.60	21.50	21.70	22.50
5	1	LOW	Q16	21.65	21.63	21.56	22.50
		MID	Q16	22.29	22.14	21.99	22.50
		HIGH	Q16	21.65	21.75	21.83	22.50
	12	LOW	Q16	20.53	20.53	20.73	21.50
		MID	Q16	20.62	20.51	20.66	21.50
		HIGH	Q16	20.59	20.47	20.63	21.50
	25	LOW	Q16	20.71	20.57	20.68	21.50
5	1	LOW	64QAM	20.65	20.69	20.57	21.50
		MID	64QAM	21.05	21.05	21.22	21.50
		HIGH	64QAM	20.72	20.90	20.76	21.50
	12	LOW	64QAM	19.57	19.63	19.56	20.50
		MID	64QAM	19.66	19.67	19.71	20.50
		HIGH	64QAM	19.77	19.54	19.67	20.50
	25	LOW	64QAM	19.68	19.43	19.77	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.10	22.36	22.10	23.50
		MID	QPSK	22.71	22.83	22.74	23.50
		HIGH	QPSK	22.21	22.21	22.32	23.50
	25	LOW	QPSK	21.41	21.69	21.65	22.50
		MID	QPSK	21.66	21.62	21.75	22.50
		HIGH	QPSK	21.74	21.67	21.56	22.50
50	LOW	QPSK	21.44	21.39	21.60	22.50	
10	1	LOW	Q16	21.69	21.82	21.57	22.50
		MID	Q16	22.06	22.22	22.09	22.50
		HIGH	Q16	21.69	21.90	21.66	22.50
	25	LOW	Q16	20.57	20.75	20.49	21.50
		MID	Q16	20.59	20.57	20.78	21.50
		HIGH	Q16	20.69	20.46	20.58	21.50
	50	LOW	Q16	20.44	20.56	20.65	21.50
10	1	LOW	64QAM	20.87	20.66	20.82	21.50
		MID	64QAM	21.07	21.11	21.09	21.50
		HIGH	64QAM	20.63	20.79	20.76	21.50
	25	LOW	64QAM	19.65	19.63	19.66	20.50
		MID	64QAM	19.49	19.52	19.70	20.50
		HIGH	64QAM	19.66	19.62	19.81	20.50
	50	LOW	64QAM	19.41	19.51	19.78	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.26	22.37	22.36	23.50
		MID	QPSK	22.66	22.75	22.84	23.50
		HIGH	QPSK	22.14	22.32	22.22	23.50
	36	LOW	QPSK	21.43	21.66	21.60	22.50
		MID	QPSK	21.61	21.69	21.81	22.50
		HIGH	QPSK	21.44	21.50	21.48	22.50
	75	LOW	QPSK	21.45	21.68	21.73	22.50
15	1	LOW	Q16	21.87	21.72	21.79	22.50
		MID	Q16	22.05	22.27	22.22	22.50
		HIGH	Q16	21.67	21.80	21.80	22.50
	36	LOW	Q16	20.37	20.56	20.74	21.50
		MID	Q16	20.67	20.61	20.75	21.50
		HIGH	Q16	20.61	20.67	20.67	21.50
	75	LOW	Q16	20.56	20.55	20.60	21.50
15	1	LOW	64QAM	20.62	20.69	20.68	21.50
		MID	64QAM	21.09	20.99	20.97	21.50
		HIGH	64QAM	20.80	20.85	20.70	21.50
	36	LOW	64QAM	19.64	19.58	19.44	20.50
		MID	64QAM	19.60	19.61	19.70	20.50
		HIGH	64QAM	19.77	19.65	19.74	20.50
	75	LOW	64QAM	19.41	19.71	19.82	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.20	22.25	22.24	23.50
		MID	QPSK	22.68	22.71	22.71	23.50
		HIGH	QPSK	22.18	22.35	22.28	23.50
	50	LOW	QPSK	21.42	21.60	21.59	22.50
		MID	QPSK	21.56	21.61	21.66	22.50
		HIGH	QPSK	21.59	21.55	21.62	22.50
	100	LOW	QPSK	21.57	21.54	21.66	22.50
20	1	LOW	Q16	21.73	21.72	21.67	22.50
		MID	Q16	22.16	22.14	22.12	22.50
		HIGH	Q16	21.78	21.77	21.75	22.50
	50	LOW	Q16	20.51	20.63	20.59	21.50
		MID	Q16	20.59	20.66	20.67	21.50
		HIGH	Q16	20.66	20.60	20.68	21.50
	100	LOW	Q16	20.56	20.57	20.68	21.50
20	1	LOW	64QAM	20.79	20.87	20.74	21.50
		MID	64QAM	21.13	21.01	21.15	21.50
		HIGH	64QAM	20.76	20.87	20.84	21.50
	50	LOW	64QAM	19.53	19.51	19.47	20.50
		MID	64QAM	19.65	19.54	19.76	20.50
		HIGH	64QAM	19.67	19.46	19.58	20.50
	100	LOW	64QAM	19.67	19.49	19.72	20.50

LTE B7-Level3-Down							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.32	22.37	22.35	23.50
		MID	QPSK	22.72	22.60	22.67	23.50
		HIGH	QPSK	22.31	22.20	22.14	23.50
	12	LOW	QPSK	21.52	21.61	21.72	22.50
		MID	QPSK	21.63	21.67	21.80	22.50
		HIGH	QPSK	21.47	21.47	21.50	22.50
	25	LOW	QPSK	21.60	21.50	21.70	22.50
5	1	LOW	Q16	21.65	21.63	21.56	22.50
		MID	Q16	22.29	22.14	21.99	22.50
		HIGH	Q16	21.65	21.75	21.83	22.50
	12	LOW	Q16	20.53	20.53	20.73	21.50
		MID	Q16	20.62	20.51	20.66	21.50
		HIGH	Q16	20.59	20.47	20.63	21.50
	25	LOW	Q16	20.71	20.57	20.68	21.50
5	1	LOW	64QAM	20.65	20.69	20.57	21.50
		MID	64QAM	21.05	21.05	21.22	21.50
		HIGH	64QAM	20.72	20.90	20.76	21.50
	12	LOW	64QAM	19.57	19.63	19.56	20.50
		MID	64QAM	19.66	19.67	19.71	20.50
		HIGH	64QAM	19.77	19.54	19.67	20.50
	25	LOW	64QAM	19.68	19.43	19.77	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.10	22.36	22.10	23.50
		MID	QPSK	22.71	22.83	22.74	23.50
		HIGH	QPSK	22.21	22.21	22.32	23.50
	25	LOW	QPSK	21.41	21.69	21.65	22.50
		MID	QPSK	21.66	21.62	21.75	22.50
		HIGH	QPSK	21.74	21.67	21.56	22.50
50	LOW	QPSK	21.44	21.39	21.60	22.50	
10	1	LOW	Q16	21.69	21.82	21.57	22.50
		MID	Q16	22.06	22.22	22.09	22.50
		HIGH	Q16	21.69	21.90	21.66	22.50
	25	LOW	Q16	20.57	20.75	20.49	21.50
		MID	Q16	20.59	20.57	20.78	21.50
		HIGH	Q16	20.69	20.46	20.58	21.50
	50	LOW	Q16	20.44	20.56	20.65	21.50
10	1	LOW	64QAM	20.87	20.66	20.82	21.50
		MID	64QAM	21.07	21.11	21.09	21.50
		HIGH	64QAM	20.63	20.79	20.76	21.50
	25	LOW	64QAM	19.65	19.63	19.66	20.50
		MID	64QAM	19.49	19.52	19.70	20.50
		HIGH	64QAM	19.66	19.62	19.81	20.50
	50	LOW	64QAM	19.41	19.51	19.78	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.26	22.37	22.36	23.50
		MID	QPSK	22.66	22.75	22.84	23.50
		HIGH	QPSK	22.14	22.32	22.22	23.50
	36	LOW	QPSK	21.43	21.66	21.60	22.50
		MID	QPSK	21.61	21.69	21.81	22.50
		HIGH	QPSK	21.44	21.50	21.48	22.50
	75	LOW	QPSK	21.45	21.68	21.73	22.50
15	1	LOW	Q16	21.87	21.72	21.79	22.50
		MID	Q16	22.05	22.27	22.22	22.50
		HIGH	Q16	21.67	21.80	21.80	22.50
	36	LOW	Q16	20.37	20.56	20.74	21.50
		MID	Q16	20.67	20.61	20.75	21.50
		HIGH	Q16	20.61	20.67	20.67	21.50
	75	LOW	Q16	20.56	20.55	20.60	21.50
15	1	LOW	64QAM	20.62	20.69	20.68	21.50
		MID	64QAM	21.09	20.99	20.97	21.50
		HIGH	64QAM	20.80	20.85	20.70	21.50
	36	LOW	64QAM	19.64	19.58	19.44	20.50
		MID	64QAM	19.60	19.61	19.70	20.50
		HIGH	64QAM	19.77	19.65	19.74	20.50
	75	LOW	64QAM	19.41	19.71	19.82	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.20	22.25	22.24	23.50
		MID	QPSK	22.68	22.71	22.71	23.50
		HIGH	QPSK	22.18	22.35	22.28	23.50
	50	LOW	QPSK	21.42	21.60	21.59	22.50
		MID	QPSK	21.56	21.61	21.66	22.50
		HIGH	QPSK	21.59	21.55	21.62	22.50
	100	LOW	QPSK	21.57	21.54	21.66	22.50
20	1	LOW	Q16	21.73	21.72	21.67	22.50
		MID	Q16	22.16	22.14	22.12	22.50
		HIGH	Q16	21.78	21.77	21.75	22.50
	50	LOW	Q16	20.51	20.63	20.59	21.50
		MID	Q16	20.59	20.66	20.67	21.50
		HIGH	Q16	20.66	20.60	20.68	21.50
	100	LOW	Q16	20.56	20.57	20.68	21.50
20	1	LOW	64QAM	20.79	20.87	20.74	21.50
		MID	64QAM	21.13	21.01	21.15	21.50
		HIGH	64QAM	20.76	20.87	20.84	21.50
	50	LOW	64QAM	19.53	19.51	19.47	20.50
		MID	64QAM	19.65	19.54	19.76	20.50
		HIGH	64QAM	19.67	19.46	19.58	20.50
	100	LOW	64QAM	19.67	19.49	19.72	20.50

LTE B7-Level4-Down							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.32	22.37	22.35	23.50
		MID	QPSK	22.72	22.60	22.67	23.50
		HIGH	QPSK	22.31	22.20	22.14	23.50
	12	LOW	QPSK	21.52	21.61	21.72	22.50
		MID	QPSK	21.63	21.67	21.80	22.50
		HIGH	QPSK	21.47	21.47	21.50	22.50
	25	LOW	QPSK	21.60	21.50	21.70	22.50
5	1	LOW	Q16	21.65	21.63	21.56	22.50
		MID	Q16	22.29	22.14	21.99	22.50
		HIGH	Q16	21.65	21.75	21.83	22.50
	12	LOW	Q16	20.53	20.53	20.73	21.50
		MID	Q16	20.62	20.51	20.66	21.50
		HIGH	Q16	20.59	20.47	20.63	21.50
	25	LOW	Q16	20.71	20.57	20.68	21.50
5	1	LOW	64QAM	20.65	20.69	20.57	21.50
		MID	64QAM	21.05	21.05	21.22	21.50
		HIGH	64QAM	20.72	20.90	20.76	21.50
	12	LOW	64QAM	19.57	19.63	19.56	20.50
		MID	64QAM	19.66	19.67	19.71	20.50
		HIGH	64QAM	19.77	19.54	19.67	20.50
	25	LOW	64QAM	19.68	19.43	19.77	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.10	22.36	22.10	23.50
		MID	QPSK	22.71	22.83	22.74	23.50
		HIGH	QPSK	22.21	22.21	22.32	23.50
	25	LOW	QPSK	21.41	21.69	21.65	22.50
		MID	QPSK	21.66	21.62	21.75	22.50
		HIGH	QPSK	21.74	21.67	21.56	22.50
50	LOW	QPSK	21.44	21.39	21.60	22.50	
10	1	LOW	Q16	21.69	21.82	21.57	22.50
		MID	Q16	22.06	22.22	22.09	22.50
		HIGH	Q16	21.69	21.90	21.66	22.50
	25	LOW	Q16	20.57	20.75	20.49	21.50
		MID	Q16	20.59	20.57	20.78	21.50
		HIGH	Q16	20.69	20.46	20.58	21.50
50	LOW	Q16	20.44	20.56	20.65	21.50	
10	1	LOW	64QAM	20.87	20.66	20.82	21.50
		MID	64QAM	21.07	21.11	21.09	21.50
		HIGH	64QAM	20.63	20.79	20.76	21.50
	25	LOW	64QAM	19.65	19.63	19.66	20.50
		MID	64QAM	19.49	19.52	19.70	20.50
		HIGH	64QAM	19.66	19.62	19.81	20.50
50	LOW	64QAM	19.41	19.51	19.78	20.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.26	22.37	22.36	23.50
		MID	QPSK	22.66	22.75	22.84	23.50
		HIGH	QPSK	22.14	22.32	22.22	23.50
	36	LOW	QPSK	21.43	21.66	21.60	22.50
		MID	QPSK	21.61	21.69	21.81	22.50
		HIGH	QPSK	21.44	21.50	21.48	22.50
	75	LOW	QPSK	21.45	21.68	21.73	22.50
15	1	LOW	Q16	21.87	21.72	21.79	22.50
		MID	Q16	22.05	22.27	22.22	22.50
		HIGH	Q16	21.67	21.80	21.80	22.50
	36	LOW	Q16	20.37	20.56	20.74	21.50
		MID	Q16	20.67	20.61	20.75	21.50
		HIGH	Q16	20.61	20.67	20.67	21.50
	75	LOW	Q16	20.56	20.55	20.60	21.50
15	1	LOW	64QAM	20.62	20.69	20.68	21.50
		MID	64QAM	21.09	20.99	20.97	21.50
		HIGH	64QAM	20.80	20.85	20.70	21.50
	36	LOW	64QAM	19.64	19.58	19.44	20.50
		MID	64QAM	19.60	19.61	19.70	20.50
		HIGH	64QAM	19.77	19.65	19.74	20.50
	75	LOW	64QAM	19.41	19.71	19.82	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.20	22.25	22.24	23.50
		MID	QPSK	22.68	22.71	22.71	23.50
		HIGH	QPSK	22.18	22.35	22.28	23.50
	50	LOW	QPSK	21.42	21.60	21.59	22.50
		MID	QPSK	21.56	21.61	21.66	22.50
		HIGH	QPSK	21.59	21.55	21.62	22.50
	100	LOW	QPSK	21.57	21.54	21.66	22.50
20	1	LOW	Q16	21.73	21.72	21.67	22.50
		MID	Q16	22.16	22.14	22.12	22.50
		HIGH	Q16	21.78	21.77	21.75	22.50
	50	LOW	Q16	20.51	20.63	20.59	21.50
		MID	Q16	20.59	20.66	20.67	21.50
		HIGH	Q16	20.66	20.60	20.68	21.50
	100	LOW	Q16	20.56	20.57	20.68	21.50
20	1	LOW	64QAM	20.79	20.87	20.74	21.50
		MID	64QAM	21.13	21.01	21.15	21.50
		HIGH	64QAM	20.76	20.87	20.84	21.50
	50	LOW	64QAM	19.53	19.51	19.47	20.50
		MID	64QAM	19.65	19.54	19.76	20.50
		HIGH	64QAM	19.67	19.46	19.58	20.50
	100	LOW	64QAM	19.67	19.49	19.72	20.50

LTE B7-Level5-Down							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.32	22.37	22.35	23.50
		MID	QPSK	22.72	22.60	22.67	23.50
		HIGH	QPSK	22.31	22.20	22.14	23.50
	12	LOW	QPSK	21.52	21.61	21.72	22.50
		MID	QPSK	21.63	21.67	21.80	22.50
		HIGH	QPSK	21.47	21.47	21.50	22.50
	25	LOW	QPSK	21.60	21.50	21.70	22.50
5	1	LOW	Q16	21.65	21.63	21.56	22.50
		MID	Q16	22.29	22.14	21.99	22.50
		HIGH	Q16	21.65	21.75	21.83	22.50
	12	LOW	Q16	20.53	20.53	20.73	21.50
		MID	Q16	20.62	20.51	20.66	21.50
		HIGH	Q16	20.59	20.47	20.63	21.50
	25	LOW	Q16	20.71	20.57	20.68	21.50
5	1	LOW	64QAM	20.65	20.69	20.57	21.50
		MID	64QAM	21.05	21.05	21.22	21.50
		HIGH	64QAM	20.72	20.90	20.76	21.50
	12	LOW	64QAM	19.57	19.63	19.56	20.50
		MID	64QAM	19.66	19.67	19.71	20.50
		HIGH	64QAM	19.77	19.54	19.67	20.50
	25	LOW	64QAM	19.68	19.43	19.77	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.10	22.36	22.10	23.50
		MID	QPSK	22.71	22.83	22.74	23.50
		HIGH	QPSK	22.21	22.21	22.32	23.50
	25	LOW	QPSK	21.41	21.69	21.65	22.50
		MID	QPSK	21.66	21.62	21.75	22.50
		HIGH	QPSK	21.74	21.67	21.56	22.50
50	LOW	QPSK	21.44	21.39	21.60	22.50	
10	1	LOW	Q16	21.69	21.82	21.57	22.50
		MID	Q16	22.06	22.22	22.09	22.50
		HIGH	Q16	21.69	21.90	21.66	22.50
	25	LOW	Q16	20.57	20.75	20.49	21.50
		MID	Q16	20.59	20.57	20.78	21.50
		HIGH	Q16	20.69	20.46	20.58	21.50
	50	LOW	Q16	20.44	20.56	20.65	21.50
10	1	LOW	64QAM	20.87	20.66	20.82	21.50
		MID	64QAM	21.07	21.11	21.09	21.50
		HIGH	64QAM	20.63	20.79	20.76	21.50
	25	LOW	64QAM	19.65	19.63	19.66	20.50
		MID	64QAM	19.49	19.52	19.70	20.50
		HIGH	64QAM	19.66	19.62	19.81	20.50
	50	LOW	64QAM	19.41	19.51	19.78	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.26	22.37	22.36	23.50
		MID	QPSK	22.66	22.75	22.84	23.50
		HIGH	QPSK	22.14	22.32	22.22	23.50
	36	LOW	QPSK	21.43	21.66	21.60	22.50
		MID	QPSK	21.61	21.69	21.81	22.50
		HIGH	QPSK	21.44	21.50	21.48	22.50
	75	LOW	QPSK	21.45	21.68	21.73	22.50
15	1	LOW	Q16	21.87	21.72	21.79	22.50
		MID	Q16	22.05	22.27	22.22	22.50
		HIGH	Q16	21.67	21.80	21.80	22.50
	36	LOW	Q16	20.37	20.56	20.74	21.50
		MID	Q16	20.67	20.61	20.75	21.50
		HIGH	Q16	20.61	20.67	20.67	21.50
	75	LOW	Q16	20.56	20.55	20.60	21.50
15	1	LOW	64QAM	20.62	20.69	20.68	21.50
		MID	64QAM	21.09	20.99	20.97	21.50
		HIGH	64QAM	20.80	20.85	20.70	21.50
	36	LOW	64QAM	19.64	19.58	19.44	20.50
		MID	64QAM	19.60	19.61	19.70	20.50
		HIGH	64QAM	19.77	19.65	19.74	20.50
	75	LOW	64QAM	19.41	19.71	19.82	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.20	22.25	22.24	23.50
		MID	QPSK	22.68	22.71	22.71	23.50
		HIGH	QPSK	22.18	22.35	22.28	23.50
	50	LOW	QPSK	21.42	21.60	21.59	22.50
		MID	QPSK	21.56	21.61	21.66	22.50
		HIGH	QPSK	21.59	21.55	21.62	22.50
	100	LOW	QPSK	21.57	21.54	21.66	22.50
20	1	LOW	Q16	21.73	21.72	21.67	22.50
		MID	Q16	22.16	22.14	22.12	22.50
		HIGH	Q16	21.78	21.77	21.75	22.50
	50	LOW	Q16	20.51	20.63	20.59	21.50
		MID	Q16	20.59	20.66	20.67	21.50
		HIGH	Q16	20.66	20.60	20.68	21.50
	100	LOW	Q16	20.56	20.57	20.68	21.50
20	1	LOW	64QAM	20.79	20.87	20.74	21.50
		MID	64QAM	21.13	21.01	21.15	21.50
		HIGH	64QAM	20.76	20.87	20.84	21.50
	50	LOW	64QAM	19.53	19.51	19.47	20.50
		MID	64QAM	19.65	19.54	19.76	20.50
		HIGH	64QAM	19.67	19.46	19.58	20.50
	100	LOW	64QAM	19.67	19.49	19.72	20.50

LTE B7-Level6-Down							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.32	22.37	22.35	23.50
		MID	QPSK	22.72	22.60	22.67	23.50
		HIGH	QPSK	22.31	22.20	22.14	23.50
	12	LOW	QPSK	21.52	21.61	21.72	22.50
		MID	QPSK	21.63	21.67	21.80	22.50
		HIGH	QPSK	21.47	21.47	21.50	22.50
	25	LOW	QPSK	21.60	21.50	21.70	22.50
5	1	LOW	Q16	21.65	21.63	21.56	22.50
		MID	Q16	22.29	22.14	21.99	22.50
		HIGH	Q16	21.65	21.75	21.83	22.50
	12	LOW	Q16	20.53	20.53	20.73	21.50
		MID	Q16	20.62	20.51	20.66	21.50
		HIGH	Q16	20.59	20.47	20.63	21.50
	25	LOW	Q16	20.71	20.57	20.68	21.50
5	1	LOW	64QAM	20.65	20.69	20.57	21.50
		MID	64QAM	21.05	21.05	21.22	21.50
		HIGH	64QAM	20.72	20.90	20.76	21.50
	12	LOW	64QAM	19.57	19.63	19.56	20.50
		MID	64QAM	19.66	19.67	19.71	20.50
		HIGH	64QAM	19.77	19.54	19.67	20.50
	25	LOW	64QAM	19.68	19.43	19.77	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.10	22.36	22.10	23.50
		MID	QPSK	22.71	22.83	22.74	23.50
		HIGH	QPSK	22.21	22.21	22.32	23.50
	25	LOW	QPSK	21.41	21.69	21.65	22.50
		MID	QPSK	21.66	21.62	21.75	22.50
		HIGH	QPSK	21.74	21.67	21.56	22.50
50	LOW	QPSK	21.44	21.39	21.60	22.50	
10	1	LOW	Q16	21.69	21.82	21.57	22.50
		MID	Q16	22.06	22.22	22.09	22.50
		HIGH	Q16	21.69	21.90	21.66	22.50
	25	LOW	Q16	20.57	20.75	20.49	21.50
		MID	Q16	20.59	20.57	20.78	21.50
		HIGH	Q16	20.69	20.46	20.58	21.50
50	LOW	Q16	20.44	20.56	20.65	21.50	
10	1	LOW	64QAM	20.87	20.66	20.82	21.50
		MID	64QAM	21.07	21.11	21.09	21.50
		HIGH	64QAM	20.63	20.79	20.76	21.50
	25	LOW	64QAM	19.65	19.63	19.66	20.50
		MID	64QAM	19.49	19.52	19.70	20.50
		HIGH	64QAM	19.66	19.62	19.81	20.50
50	LOW	64QAM	19.41	19.51	19.78	20.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.26	22.37	22.36	23.50
		MID	QPSK	22.66	22.75	22.84	23.50
		HIGH	QPSK	22.14	22.32	22.22	23.50
	36	LOW	QPSK	21.43	21.66	21.60	22.50
		MID	QPSK	21.61	21.69	21.81	22.50
		HIGH	QPSK	21.44	21.50	21.48	22.50
	75	LOW	QPSK	21.45	21.68	21.73	22.50
15	1	LOW	Q16	21.87	21.72	21.79	22.50
		MID	Q16	22.05	22.27	22.22	22.50
		HIGH	Q16	21.67	21.80	21.80	22.50
	36	LOW	Q16	20.37	20.56	20.74	21.50
		MID	Q16	20.67	20.61	20.75	21.50
		HIGH	Q16	20.61	20.67	20.67	21.50
	75	LOW	Q16	20.56	20.55	20.60	21.50
15	1	LOW	64QAM	20.62	20.69	20.68	21.50
		MID	64QAM	21.09	20.99	20.97	21.50
		HIGH	64QAM	20.80	20.85	20.70	21.50
	36	LOW	64QAM	19.64	19.58	19.44	20.50
		MID	64QAM	19.60	19.61	19.70	20.50
		HIGH	64QAM	19.77	19.65	19.74	20.50
	75	LOW	64QAM	19.41	19.71	19.82	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.20	22.25	22.24	23.50
		MID	QPSK	22.68	22.71	22.71	23.50
		HIGH	QPSK	22.18	22.35	22.28	23.50
	50	LOW	QPSK	21.42	21.60	21.59	22.50
		MID	QPSK	21.56	21.61	21.66	22.50
		HIGH	QPSK	21.59	21.55	21.62	22.50
	100	LOW	QPSK	21.57	21.54	21.66	22.50
20	1	LOW	Q16	21.73	21.72	21.67	22.50
		MID	Q16	22.16	22.14	22.12	22.50
		HIGH	Q16	21.78	21.77	21.75	22.50
	50	LOW	Q16	20.51	20.63	20.59	21.50
		MID	Q16	20.59	20.66	20.67	21.50
		HIGH	Q16	20.66	20.60	20.68	21.50
	100	LOW	Q16	20.56	20.57	20.68	21.50
20	1	LOW	64QAM	20.79	20.87	20.74	21.50
		MID	64QAM	21.13	21.01	21.15	21.50
		HIGH	64QAM	20.76	20.87	20.84	21.50
	50	LOW	64QAM	19.53	19.51	19.47	20.50
		MID	64QAM	19.65	19.54	19.76	20.50
		HIGH	64QAM	19.67	19.46	19.58	20.50
	100	LOW	64QAM	19.67	19.49	19.72	20.50

8.3.3 LTE Band38 Output Power

LTE B38-Level1-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.78	22.70	22.90	24.00
		MID	QPSK	23.14	23.27	23.41	24.00
		HIGH	QPSK	22.70	22.84	23.02	24.00
	12	LOW	QPSK	22.05	22.11	22.10	23.00
		MID	QPSK	22.10	22.04	22.11	23.00
		HIGH	QPSK	22.21	22.16	22.03	23.00
	25	LOW	QPSK	22.21	21.97	22.16	23.00
5	1	LOW	Q16	22.23	22.07	22.09	23.00
		MID	Q16	22.68	22.51	22.72	23.00
		HIGH	Q16	22.19	21.91	22.18	23.00
	12	LOW	Q16	20.94	20.94	21.24	22.00
		MID	Q16	21.20	21.26	21.17	22.00
		HIGH	Q16	21.01	21.04	21.06	22.00
	25	LOW	Q16	21.11	20.96	21.20	22.00
5	1	LOW	64QAM	21.10	20.94	21.30	22.00
		MID	64QAM	21.61	21.36	21.69	22.00
		HIGH	64QAM	21.14	20.90	21.36	22.00
	12	LOW	64QAM	20.11	20.16	20.21	21.00
		MID	64QAM	20.06	20.18	20.08	21.00
		HIGH	64QAM	19.97	20.10	20.01	21.00
	25	LOW	64QAM	20.17	20.22	20.00	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.87	22.71	22.89	24.00
		MID	QPSK	23.19	23.37	23.25	24.00
		HIGH	QPSK	22.96	22.87	23.03	24.00
	25	LOW	QPSK	22.17	22.10	22.08	23.00
		MID	QPSK	22.10	21.97	21.94	23.00
		HIGH	QPSK	21.96	22.10	22.15	23.00
50	LOW	QPSK	22.19	22.08	22.19	23.00	
10	1	LOW	Q16	22.05	21.96	22.20	23.00
		MID	Q16	22.52	22.49	22.74	23.00
		HIGH	Q16	22.22	22.15	22.17	23.00
	25	LOW	Q16	21.10	21.13	21.08	22.00
		MID	Q16	21.04	21.20	21.08	22.00
		HIGH	Q16	20.91	21.16	20.98	22.00
	50	LOW	Q16	20.95	21.03	21.15	22.00
10	1	LOW	64QAM	21.13	21.08	21.23	22.00
		MID	64QAM	21.47	21.62	21.66	22.00
		HIGH	64QAM	21.26	21.11	21.25	22.00
	25	LOW	64QAM	20.17	20.21	20.07	21.00
		MID	64QAM	20.16	20.01	20.08	21.00
		HIGH	64QAM	20.00	20.07	20.04	21.00
	50	LOW	64QAM	20.18	20.04	20.08	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.79	22.97	24.00
		MID	QPSK	23.25	23.32	23.25	24.00
		HIGH	QPSK	22.85	22.68	22.90	24.00
	36	LOW	QPSK	22.16	22.20	22.06	23.00
		MID	QPSK	21.94	21.96	22.09	23.00
		HIGH	QPSK	21.98	22.09	22.11	23.00
	75	LOW	QPSK	22.12	22.25	22.05	23.00
15	1	LOW	Q16	22.22	22.08	22.11	23.00
		MID	Q16	22.49	22.57	22.62	23.00
		HIGH	Q16	21.99	22.03	22.34	23.00
	36	LOW	Q16	21.05	21.13	21.16	22.00
		MID	Q16	21.19	21.00	21.32	22.00
		HIGH	Q16	21.06	20.99	20.99	22.00
	75	LOW	Q16	21.19	21.00	20.99	22.00
15	1	LOW	64QAM	21.06	21.05	21.27	22.00
		MID	64QAM	21.68	21.49	21.84	22.00
		HIGH	64QAM	21.15	20.88	21.33	22.00
	36	LOW	64QAM	19.93	20.19	19.94	21.00
		MID	64QAM	20.09	19.99	20.32	21.00
		HIGH	64QAM	20.04	20.22	20.09	21.00
	75	LOW	64QAM	20.04	20.06	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.80	22.86	24.00
		MID	QPSK	23.28	23.27	23.25	24.00
		HIGH	QPSK	22.82	22.79	22.89	24.00
	50	LOW	QPSK	22.04	22.07	22.05	23.00
		MID	QPSK	22.09	22.11	22.12	23.00
		HIGH	QPSK	22.08	22.09	22.09	23.00
	100	LOW	QPSK	22.10	22.12	22.04	23.00
20	1	LOW	Q16	22.13	22.03	22.22	23.00
		MID	Q16	22.57	22.50	22.69	23.00
		HIGH	Q16	22.13	22.02	22.27	23.00
	50	LOW	Q16	21.04	21.08	21.09	22.00
		MID	Q16	21.06	21.14	21.17	22.00
		HIGH	Q16	21.04	21.13	21.10	22.00
	100	LOW	Q16	21.08	21.10	21.13	22.00
20	1	LOW	64QAM	21.19	21.07	21.16	22.00
		MID	64QAM	21.51	21.52	21.77	22.00
		HIGH	64QAM	21.07	20.91	21.28	22.00
	50	LOW	64QAM	20.17	20.13	20.12	21.00
		MID	64QAM	19.98	20.26	20.21	21.00
		HIGH	64QAM	20.13	20.00	20.13	21.00
	100	LOW	64QAM	20.21	20.08	20.28	21.00

LTE B38-Level2-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.78	22.70	22.90	24.00
		MID	QPSK	23.14	23.27	23.41	24.00
		HIGH	QPSK	22.70	22.84	23.02	24.00
	12	LOW	QPSK	22.05	22.11	22.10	23.00
		MID	QPSK	22.10	22.04	22.11	23.00
		HIGH	QPSK	22.21	22.16	22.03	23.00
	25	LOW	QPSK	22.21	21.97	22.16	23.00
5	1	LOW	Q16	22.23	22.07	22.09	23.00
		MID	Q16	22.68	22.51	22.72	23.00
		HIGH	Q16	22.19	21.91	22.18	23.00
	12	LOW	Q16	20.94	20.94	21.24	22.00
		MID	Q16	21.20	21.26	21.17	22.00
		HIGH	Q16	21.01	21.04	21.06	22.00
	25	LOW	Q16	21.11	20.96	21.20	22.00
5	1	LOW	64QAM	21.10	20.94	21.30	22.00
		MID	64QAM	21.61	21.36	21.69	22.00
		HIGH	64QAM	21.14	20.90	21.36	22.00
	12	LOW	64QAM	20.11	20.16	20.21	21.00
		MID	64QAM	20.06	20.18	20.08	21.00
		HIGH	64QAM	19.97	20.10	20.01	21.00
	25	LOW	64QAM	20.17	20.22	20.00	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.87	22.71	22.89	24.00
		MID	QPSK	23.19	23.37	23.25	24.00
		HIGH	QPSK	22.96	22.87	23.03	24.00
	25	LOW	QPSK	22.17	22.10	22.08	23.00
		MID	QPSK	22.10	21.97	21.94	23.00
		HIGH	QPSK	21.96	22.10	22.15	23.00
10	50	LOW	QPSK	22.19	22.08	22.19	23.00
	1	LOW	Q16	22.05	21.96	22.20	23.00
		MID	Q16	22.52	22.49	22.74	23.00
		HIGH	Q16	22.22	22.15	22.17	23.00
	25	LOW	Q16	21.10	21.13	21.08	22.00
		MID	Q16	21.04	21.20	21.08	22.00
		HIGH	Q16	20.91	21.16	20.98	22.00
10	50	LOW	Q16	20.95	21.03	21.15	22.00
	1	LOW	64QAM	21.13	21.08	21.23	22.00
		MID	64QAM	21.47	21.62	21.66	22.00
		HIGH	64QAM	21.26	21.11	21.25	22.00
	25	LOW	64QAM	20.17	20.21	20.07	21.00
		MID	64QAM	20.16	20.01	20.08	21.00
		HIGH	64QAM	20.00	20.07	20.04	21.00
10	50	LOW	64QAM	20.18	20.04	20.08	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.79	22.97	24.00
		MID	QPSK	23.25	23.32	23.25	24.00
		HIGH	QPSK	22.85	22.68	22.90	24.00
	36	LOW	QPSK	22.16	22.20	22.06	23.00
		MID	QPSK	21.94	21.96	22.09	23.00
		HIGH	QPSK	21.98	22.09	22.11	23.00
	75	LOW	QPSK	22.12	22.25	22.05	23.00
15	1	LOW	Q16	22.22	22.08	22.11	23.00
		MID	Q16	22.49	22.57	22.62	23.00
		HIGH	Q16	21.99	22.03	22.34	23.00
	36	LOW	Q16	21.05	21.13	21.16	22.00
		MID	Q16	21.19	21.00	21.32	22.00
		HIGH	Q16	21.06	20.99	20.99	22.00
	75	LOW	Q16	21.19	21.00	20.99	22.00
15	1	LOW	64QAM	21.06	21.05	21.27	22.00
		MID	64QAM	21.68	21.49	21.84	22.00
		HIGH	64QAM	21.15	20.88	21.33	22.00
	36	LOW	64QAM	19.93	20.19	19.94	21.00
		MID	64QAM	20.09	19.99	20.32	21.00
		HIGH	64QAM	20.04	20.22	20.09	21.00
	75	LOW	64QAM	20.04	20.06	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.80	22.86	24.00
		MID	QPSK	23.28	23.27	23.25	24.00
		HIGH	QPSK	22.82	22.79	22.89	24.00
	50	LOW	QPSK	22.04	22.07	22.05	23.00
		MID	QPSK	22.09	22.11	22.12	23.00
		HIGH	QPSK	22.08	22.09	22.09	23.00
	100	LOW	QPSK	22.10	22.12	22.04	23.00
20	1	LOW	Q16	22.13	22.03	22.22	23.00
		MID	Q16	22.57	22.50	22.69	23.00
		HIGH	Q16	22.13	22.02	22.27	23.00
	50	LOW	Q16	21.04	21.08	21.09	22.00
		MID	Q16	21.06	21.14	21.17	22.00
		HIGH	Q16	21.04	21.13	21.10	22.00
	100	LOW	Q16	21.08	21.10	21.13	22.00
20	1	LOW	64QAM	21.19	21.07	21.16	22.00
		MID	64QAM	21.51	21.52	21.77	22.00
		HIGH	64QAM	21.07	20.91	21.28	22.00
	50	LOW	64QAM	20.17	20.13	20.12	21.00
		MID	64QAM	19.98	20.26	20.21	21.00
		HIGH	64QAM	20.13	20.00	20.13	21.00
	100	LOW	64QAM	20.21	20.08	20.28	21.00

LTE B38-Level3-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.78	22.70	22.90	24.00
		MID	QPSK	23.14	23.27	23.41	24.00
		HIGH	QPSK	22.70	22.84	23.02	24.00
	12	LOW	QPSK	22.05	22.11	22.10	23.00
		MID	QPSK	22.10	22.04	22.11	23.00
		HIGH	QPSK	22.21	22.16	22.03	23.00
	25	LOW	QPSK	22.21	21.97	22.16	23.00
5	1	LOW	Q16	22.23	22.07	22.09	23.00
		MID	Q16	22.68	22.51	22.72	23.00
		HIGH	Q16	22.19	21.91	22.18	23.00
	12	LOW	Q16	20.94	20.94	21.24	22.00
		MID	Q16	21.20	21.26	21.17	22.00
		HIGH	Q16	21.01	21.04	21.06	22.00
	25	LOW	Q16	21.11	20.96	21.20	22.00
5	1	LOW	64QAM	21.10	20.94	21.30	22.00
		MID	64QAM	21.61	21.36	21.69	22.00
		HIGH	64QAM	21.14	20.90	21.36	22.00
	12	LOW	64QAM	20.11	20.16	20.21	21.00
		MID	64QAM	20.06	20.18	20.08	21.00
		HIGH	64QAM	19.97	20.10	20.01	21.00
	25	LOW	64QAM	20.17	20.22	20.00	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.87	22.71	22.89	24.00
		MID	QPSK	23.19	23.37	23.25	24.00
		HIGH	QPSK	22.96	22.87	23.03	24.00
	25	LOW	QPSK	22.17	22.10	22.08	23.00
		MID	QPSK	22.10	21.97	21.94	23.00
		HIGH	QPSK	21.96	22.10	22.15	23.00
10	50	LOW	QPSK	22.19	22.08	22.19	23.00
	1	LOW	Q16	22.05	21.96	22.20	23.00
		MID	Q16	22.52	22.49	22.74	23.00
		HIGH	Q16	22.22	22.15	22.17	23.00
	25	LOW	Q16	21.10	21.13	21.08	22.00
		MID	Q16	21.04	21.20	21.08	22.00
		HIGH	Q16	20.91	21.16	20.98	22.00
10	50	LOW	Q16	20.95	21.03	21.15	22.00
	1	LOW	64QAM	21.13	21.08	21.23	22.00
		MID	64QAM	21.47	21.62	21.66	22.00
		HIGH	64QAM	21.26	21.11	21.25	22.00
	25	LOW	64QAM	20.17	20.21	20.07	21.00
		MID	64QAM	20.16	20.01	20.08	21.00
		HIGH	64QAM	20.00	20.07	20.04	21.00
	50	LOW	64QAM	20.18	20.04	20.08	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.79	22.97	24.00
		MID	QPSK	23.25	23.32	23.25	24.00
		HIGH	QPSK	22.85	22.68	22.90	24.00
	36	LOW	QPSK	22.16	22.20	22.06	23.00
		MID	QPSK	21.94	21.96	22.09	23.00
		HIGH	QPSK	21.98	22.09	22.11	23.00
	75	LOW	QPSK	22.12	22.25	22.05	23.00
15	1	LOW	Q16	22.22	22.08	22.11	23.00
		MID	Q16	22.49	22.57	22.62	23.00
		HIGH	Q16	21.99	22.03	22.34	23.00
	36	LOW	Q16	21.05	21.13	21.16	22.00
		MID	Q16	21.19	21.00	21.32	22.00
		HIGH	Q16	21.06	20.99	20.99	22.00
	75	LOW	Q16	21.19	21.00	20.99	22.00
15	1	LOW	64QAM	21.06	21.05	21.27	22.00
		MID	64QAM	21.68	21.49	21.84	22.00
		HIGH	64QAM	21.15	20.88	21.33	22.00
	36	LOW	64QAM	19.93	20.19	19.94	21.00
		MID	64QAM	20.09	19.99	20.32	21.00
		HIGH	64QAM	20.04	20.22	20.09	21.00
	75	LOW	64QAM	20.04	20.06	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.80	22.86	24.00
		MID	QPSK	23.28	23.27	23.25	24.00
		HIGH	QPSK	22.82	22.79	22.89	24.00
	50	LOW	QPSK	22.04	22.07	22.05	23.00
		MID	QPSK	22.09	22.11	22.12	23.00
		HIGH	QPSK	22.08	22.09	22.09	23.00
	100	LOW	QPSK	22.10	22.12	22.04	23.00
20	1	LOW	Q16	22.13	22.03	22.22	23.00
		MID	Q16	22.57	22.50	22.69	23.00
		HIGH	Q16	22.13	22.02	22.27	23.00
	50	LOW	Q16	21.04	21.08	21.09	22.00
		MID	Q16	21.06	21.14	21.17	22.00
		HIGH	Q16	21.04	21.13	21.10	22.00
	100	LOW	Q16	21.08	21.10	21.13	22.00
20	1	LOW	64QAM	21.19	21.07	21.16	22.00
		MID	64QAM	21.51	21.52	21.77	22.00
		HIGH	64QAM	21.07	20.91	21.28	22.00
	50	LOW	64QAM	20.17	20.13	20.12	21.00
		MID	64QAM	19.98	20.26	20.21	21.00
		HIGH	64QAM	20.13	20.00	20.13	21.00
	100	LOW	64QAM	20.21	20.08	20.28	21.00

LTE B38-Level4-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.78	22.70	22.90	24.00
		MID	QPSK	23.14	23.27	23.41	24.00
		HIGH	QPSK	22.70	22.84	23.02	24.00
	12	LOW	QPSK	22.05	22.11	22.10	23.00
		MID	QPSK	22.10	22.04	22.11	23.00
		HIGH	QPSK	22.21	22.16	22.03	23.00
	25	LOW	QPSK	22.21	21.97	22.16	23.00
5	1	LOW	Q16	22.23	22.07	22.09	23.00
		MID	Q16	22.68	22.51	22.72	23.00
		HIGH	Q16	22.19	21.91	22.18	23.00
	12	LOW	Q16	20.94	20.94	21.24	22.00
		MID	Q16	21.20	21.26	21.17	22.00
		HIGH	Q16	21.01	21.04	21.06	22.00
	25	LOW	Q16	21.11	20.96	21.20	22.00
5	1	LOW	64QAM	21.10	20.94	21.30	22.00
		MID	64QAM	21.61	21.36	21.69	22.00
		HIGH	64QAM	21.14	20.90	21.36	22.00
	12	LOW	64QAM	20.11	20.16	20.21	21.00
		MID	64QAM	20.06	20.18	20.08	21.00
		HIGH	64QAM	19.97	20.10	20.01	21.00
	25	LOW	64QAM	20.17	20.22	20.00	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.87	22.71	22.89	24.00
		MID	QPSK	23.19	23.37	23.25	24.00
		HIGH	QPSK	22.96	22.87	23.03	24.00
	25	LOW	QPSK	22.17	22.10	22.08	23.00
		MID	QPSK	22.10	21.97	21.94	23.00
		HIGH	QPSK	21.96	22.10	22.15	23.00
10	50	LOW	QPSK	22.19	22.08	22.19	23.00
	1	LOW	Q16	22.05	21.96	22.20	23.00
		MID	Q16	22.52	22.49	22.74	23.00
		HIGH	Q16	22.22	22.15	22.17	23.00
	25	LOW	Q16	21.10	21.13	21.08	22.00
		MID	Q16	21.04	21.20	21.08	22.00
		HIGH	Q16	20.91	21.16	20.98	22.00
10	50	LOW	Q16	20.95	21.03	21.15	22.00
	1	LOW	64QAM	21.13	21.08	21.23	22.00
		MID	64QAM	21.47	21.62	21.66	22.00
		HIGH	64QAM	21.26	21.11	21.25	22.00
	25	LOW	64QAM	20.17	20.21	20.07	21.00
		MID	64QAM	20.16	20.01	20.08	21.00
		HIGH	64QAM	20.00	20.07	20.04	21.00
10	50	LOW	64QAM	20.18	20.04	20.08	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.79	22.97	24.00
		MID	QPSK	23.25	23.32	23.25	24.00
		HIGH	QPSK	22.85	22.68	22.90	24.00
	36	LOW	QPSK	22.16	22.20	22.06	23.00
		MID	QPSK	21.94	21.96	22.09	23.00
		HIGH	QPSK	21.98	22.09	22.11	23.00
	75	LOW	QPSK	22.12	22.25	22.05	23.00
15	1	LOW	Q16	22.22	22.08	22.11	23.00
		MID	Q16	22.49	22.57	22.62	23.00
		HIGH	Q16	21.99	22.03	22.34	23.00
	36	LOW	Q16	21.05	21.13	21.16	22.00
		MID	Q16	21.19	21.00	21.32	22.00
		HIGH	Q16	21.06	20.99	20.99	22.00
	75	LOW	Q16	21.19	21.00	20.99	22.00
15	1	LOW	64QAM	21.06	21.05	21.27	22.00
		MID	64QAM	21.68	21.49	21.84	22.00
		HIGH	64QAM	21.15	20.88	21.33	22.00
	36	LOW	64QAM	19.93	20.19	19.94	21.00
		MID	64QAM	20.09	19.99	20.32	21.00
		HIGH	64QAM	20.04	20.22	20.09	21.00
	75	LOW	64QAM	20.04	20.06	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.80	22.86	24.00
		MID	QPSK	23.28	23.27	23.25	24.00
		HIGH	QPSK	22.82	22.79	22.89	24.00
	50	LOW	QPSK	22.04	22.07	22.05	23.00
		MID	QPSK	22.09	22.11	22.12	23.00
		HIGH	QPSK	22.08	22.09	22.09	23.00
	100	LOW	QPSK	22.10	22.12	22.04	23.00
20	1	LOW	Q16	22.13	22.03	22.22	23.00
		MID	Q16	22.57	22.50	22.69	23.00
		HIGH	Q16	22.13	22.02	22.27	23.00
	50	LOW	Q16	21.04	21.08	21.09	22.00
		MID	Q16	21.06	21.14	21.17	22.00
		HIGH	Q16	21.04	21.13	21.10	22.00
	100	LOW	Q16	21.08	21.10	21.13	22.00
20	1	LOW	64QAM	21.19	21.07	21.16	22.00
		MID	64QAM	21.51	21.52	21.77	22.00
		HIGH	64QAM	21.07	20.91	21.28	22.00
	50	LOW	64QAM	20.17	20.13	20.12	21.00
		MID	64QAM	19.98	20.26	20.21	21.00
		HIGH	64QAM	20.13	20.00	20.13	21.00
	100	LOW	64QAM	20.21	20.08	20.28	21.00

LTE B38-Level5-Down							
Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.78	22.70	22.90	24.00
		MID	QPSK	23.14	23.27	23.41	24.00
		HIGH	QPSK	22.70	22.84	23.02	24.00
	12	LOW	QPSK	22.05	22.11	22.10	23.00
		MID	QPSK	22.10	22.04	22.11	23.00
		HIGH	QPSK	22.21	22.16	22.03	23.00
	25	LOW	QPSK	22.21	21.97	22.16	23.00
5	1	LOW	Q16	22.23	22.07	22.09	23.00
		MID	Q16	22.68	22.51	22.72	23.00
		HIGH	Q16	22.19	21.91	22.18	23.00
	12	LOW	Q16	20.94	20.94	21.24	22.00
		MID	Q16	21.20	21.26	21.17	22.00
		HIGH	Q16	21.01	21.04	21.06	22.00
	25	LOW	Q16	21.11	20.96	21.20	22.00
5	1	LOW	64QAM	21.10	20.94	21.30	22.00
		MID	64QAM	21.61	21.36	21.69	22.00
		HIGH	64QAM	21.14	20.90	21.36	22.00
	12	LOW	64QAM	20.11	20.16	20.21	21.00
		MID	64QAM	20.06	20.18	20.08	21.00
		HIGH	64QAM	19.97	20.10	20.01	21.00
	25	LOW	64QAM	20.17	20.22	20.00	21.00
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.87	22.71	22.89	24.00
		MID	QPSK	23.19	23.37	23.25	24.00
		HIGH	QPSK	22.96	22.87	23.03	24.00
	25	LOW	QPSK	22.17	22.10	22.08	23.00
		MID	QPSK	22.10	21.97	21.94	23.00
		HIGH	QPSK	21.96	22.10	22.15	23.00
50	LOW	QPSK	22.19	22.08	22.19	23.00	
10	1	LOW	Q16	22.05	21.96	22.20	23.00
		MID	Q16	22.52	22.49	22.74	23.00
		HIGH	Q16	22.22	22.15	22.17	23.00
	25	LOW	Q16	21.10	21.13	21.08	22.00
		MID	Q16	21.04	21.20	21.08	22.00
		HIGH	Q16	20.91	21.16	20.98	22.00
	50	LOW	Q16	20.95	21.03	21.15	22.00
10	1	LOW	64QAM	21.13	21.08	21.23	22.00
		MID	64QAM	21.47	21.62	21.66	22.00
		HIGH	64QAM	21.26	21.11	21.25	22.00
	25	LOW	64QAM	20.17	20.21	20.07	21.00
		MID	64QAM	20.16	20.01	20.08	21.00
		HIGH	64QAM	20.00	20.07	20.04	21.00
	50	LOW	64QAM	20.18	20.04	20.08	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.79	22.97	24.00
		MID	QPSK	23.25	23.32	23.25	24.00
		HIGH	QPSK	22.85	22.68	22.90	24.00
	36	LOW	QPSK	22.16	22.20	22.06	23.00
		MID	QPSK	21.94	21.96	22.09	23.00
		HIGH	QPSK	21.98	22.09	22.11	23.00
	75	LOW	QPSK	22.12	22.25	22.05	23.00
15	1	LOW	Q16	22.22	22.08	22.11	23.00
		MID	Q16	22.49	22.57	22.62	23.00
		HIGH	Q16	21.99	22.03	22.34	23.00
	36	LOW	Q16	21.05	21.13	21.16	22.00
		MID	Q16	21.19	21.00	21.32	22.00
		HIGH	Q16	21.06	20.99	20.99	22.00
	75	LOW	Q16	21.19	21.00	20.99	22.00
15	1	LOW	64QAM	21.06	21.05	21.27	22.00
		MID	64QAM	21.68	21.49	21.84	22.00
		HIGH	64QAM	21.15	20.88	21.33	22.00
	36	LOW	64QAM	19.93	20.19	19.94	21.00
		MID	64QAM	20.09	19.99	20.32	21.00
		HIGH	64QAM	20.04	20.22	20.09	21.00
	75	LOW	64QAM	20.04	20.06	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.80	22.86	24.00
		MID	QPSK	23.28	23.27	23.25	24.00
		HIGH	QPSK	22.82	22.79	22.89	24.00
	50	LOW	QPSK	22.04	22.07	22.05	23.00
		MID	QPSK	22.09	22.11	22.12	23.00
		HIGH	QPSK	22.08	22.09	22.09	23.00
	100	LOW	QPSK	22.10	22.12	22.04	23.00
20	1	LOW	Q16	22.13	22.03	22.22	23.00
		MID	Q16	22.57	22.50	22.69	23.00
		HIGH	Q16	22.13	22.02	22.27	23.00
	50	LOW	Q16	21.04	21.08	21.09	22.00
		MID	Q16	21.06	21.14	21.17	22.00
		HIGH	Q16	21.04	21.13	21.10	22.00
	100	LOW	Q16	21.08	21.10	21.13	22.00
20	1	LOW	64QAM	21.19	21.07	21.16	22.00
		MID	64QAM	21.51	21.52	21.77	22.00
		HIGH	64QAM	21.07	20.91	21.28	22.00
	50	LOW	64QAM	20.17	20.13	20.12	21.00
		MID	64QAM	19.98	20.26	20.21	21.00
		HIGH	64QAM	20.13	20.00	20.13	21.00
	100	LOW	64QAM	20.21	20.08	20.28	21.00

LTE B38-Level6-Down							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.78	22.70	22.90	24.00
		MID	QPSK	23.14	23.27	23.41	24.00
		HIGH	QPSK	22.70	22.84	23.02	24.00
	12	LOW	QPSK	22.05	22.11	22.10	23.00
		MID	QPSK	22.10	22.04	22.11	23.00
		HIGH	QPSK	22.21	22.16	22.03	23.00
	25	LOW	QPSK	22.21	21.97	22.16	23.00
5	1	LOW	Q16	22.23	22.07	22.09	23.00
		MID	Q16	22.68	22.51	22.72	23.00
		HIGH	Q16	22.19	21.91	22.18	23.00
	12	LOW	Q16	20.94	20.94	21.24	22.00
		MID	Q16	21.20	21.26	21.17	22.00
		HIGH	Q16	21.01	21.04	21.06	22.00
	25	LOW	Q16	21.11	20.96	21.20	22.00
5	1	LOW	64QAM	21.10	20.94	21.30	22.00
		MID	64QAM	21.61	21.36	21.69	22.00
		HIGH	64QAM	21.14	20.90	21.36	22.00
	12	LOW	64QAM	20.11	20.16	20.21	21.00
		MID	64QAM	20.06	20.18	20.08	21.00
		HIGH	64QAM	19.97	20.10	20.01	21.00
	25	LOW	64QAM	20.17	20.22	20.00	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.87	22.71	22.89	24.00
		MID	QPSK	23.19	23.37	23.25	24.00
		HIGH	QPSK	22.96	22.87	23.03	24.00
	25	LOW	QPSK	22.17	22.10	22.08	23.00
		MID	QPSK	22.10	21.97	21.94	23.00
		HIGH	QPSK	21.96	22.10	22.15	23.00
10	50	LOW	QPSK	22.19	22.08	22.19	23.00
	1	LOW	Q16	22.05	21.96	22.20	23.00
		MID	Q16	22.52	22.49	22.74	23.00
		HIGH	Q16	22.22	22.15	22.17	23.00
	25	LOW	Q16	21.10	21.13	21.08	22.00
		MID	Q16	21.04	21.20	21.08	22.00
		HIGH	Q16	20.91	21.16	20.98	22.00
10	50	LOW	Q16	20.95	21.03	21.15	22.00
	1	LOW	64QAM	21.13	21.08	21.23	22.00
		MID	64QAM	21.47	21.62	21.66	22.00
		HIGH	64QAM	21.26	21.11	21.25	22.00
	25	LOW	64QAM	20.17	20.21	20.07	21.00
		MID	64QAM	20.16	20.01	20.08	21.00
		HIGH	64QAM	20.00	20.07	20.04	21.00
	50	LOW	64QAM	20.18	20.04	20.08	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.79	22.97	24.00
		MID	QPSK	23.25	23.32	23.25	24.00
		HIGH	QPSK	22.85	22.68	22.90	24.00
	36	LOW	QPSK	22.16	22.20	22.06	23.00
		MID	QPSK	21.94	21.96	22.09	23.00
		HIGH	QPSK	21.98	22.09	22.11	23.00
	75	LOW	QPSK	22.12	22.25	22.05	23.00
15	1	LOW	Q16	22.22	22.08	22.11	23.00
		MID	Q16	22.49	22.57	22.62	23.00
		HIGH	Q16	21.99	22.03	22.34	23.00
	36	LOW	Q16	21.05	21.13	21.16	22.00
		MID	Q16	21.19	21.00	21.32	22.00
		HIGH	Q16	21.06	20.99	20.99	22.00
	75	LOW	Q16	21.19	21.00	20.99	22.00
15	1	LOW	64QAM	21.06	21.05	21.27	22.00
		MID	64QAM	21.68	21.49	21.84	22.00
		HIGH	64QAM	21.15	20.88	21.33	22.00
	36	LOW	64QAM	19.93	20.19	19.94	21.00
		MID	64QAM	20.09	19.99	20.32	21.00
		HIGH	64QAM	20.04	20.22	20.09	21.00
	75	LOW	64QAM	20.04	20.06	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.80	22.86	24.00
		MID	QPSK	23.28	23.27	23.25	24.00
		HIGH	QPSK	22.82	22.79	22.89	24.00
	50	LOW	QPSK	22.04	22.07	22.05	23.00
		MID	QPSK	22.09	22.11	22.12	23.00
		HIGH	QPSK	22.08	22.09	22.09	23.00
	100	LOW	QPSK	22.10	22.12	22.04	23.00
20	1	LOW	Q16	22.13	22.03	22.22	23.00
		MID	Q16	22.57	22.50	22.69	23.00
		HIGH	Q16	22.13	22.02	22.27	23.00
	50	LOW	Q16	21.04	21.08	21.09	22.00
		MID	Q16	21.06	21.14	21.17	22.00
		HIGH	Q16	21.04	21.13	21.10	22.00
	100	LOW	Q16	21.08	21.10	21.13	22.00
20	1	LOW	64QAM	21.19	21.07	21.16	22.00
		MID	64QAM	21.51	21.52	21.77	22.00
		HIGH	64QAM	21.07	20.91	21.28	22.00
	50	LOW	64QAM	20.17	20.13	20.12	21.00
		MID	64QAM	19.98	20.26	20.21	21.00
		HIGH	64QAM	20.13	20.00	20.13	21.00
	100	LOW	64QAM	20.21	20.08	20.28	21.00

8.3.4 LTE Band41 Output Power

LTE B41-Level1-Down									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.23	23.25	23.29	23.41	24.00
		MID	QPSK	23.28	23.31	23.38	23.37	23.54	24.00
		HIGH	QPSK	23.18	23.20	23.25	23.29	23.44	24.00
	12	LOW	QPSK	22.14	22.21	22.35	22.32	22.46	23.00
		MID	QPSK	22.25	22.30	22.34	22.36	22.52	23.00
		HIGH	QPSK	22.19	22.18	22.34	22.34	22.43	23.00
5	1	LOW	QPSK	22.18	22.19	22.25	22.34	22.45	23.00
	12	LOW	Q16	22.34	22.45	22.51	22.46	22.77	23.00
		MID	Q16	22.48	22.56	22.61	22.57	22.86	23.00
		HIGH	Q16	22.38	22.47	22.52	22.48	22.77	23.00
	12	LOW	Q16	21.20	21.17	21.27	21.33	21.53	22.00
		MID	Q16	21.28	21.29	21.41	21.42	21.55	22.00
5	1	LOW	Q16	21.23	21.23	21.34	21.41	21.51	22.00
		MID	Q16	21.21	21.24	21.33	21.36	21.45	22.00
		HIGH	Q16	21.21	21.24	21.33	21.36	21.45	22.00
	12	LOW	64QAM	21.37	21.41	21.47	21.32	21.80	22.00
		MID	64QAM	21.47	21.44	21.66	21.64	21.75	22.00
		HIGH	64QAM	21.48	21.38	21.58	21.35	21.85	22.00
5	1	LOW	64QAM	20.06	20.21	20.35	20.37	20.56	21.00
		MID	64QAM	20.40	20.15	20.50	20.30	20.56	21.00
		HIGH	64QAM	20.16	20.19	20.33	20.43	20.51	21.00
	12	LOW	64QAM	20.26	20.32	20.42	20.26	20.57	21.00
		MID	64QAM	20.26	20.32	20.42	20.26	20.57	21.00
		HIGH	64QAM	20.26	20.32	20.42	20.26	20.57	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.22	23.35	23.37	23.48	24.00
		MID	QPSK	23.49	23.53	23.61	23.64	23.80	24.00
		HIGH	QPSK	23.25	23.28	23.37	23.42	23.51	24.00
	25	LOW	QPSK	22.18	22.22	22.35	22.42	22.50	23.00
		MID	QPSK	22.22	22.23	22.32	22.37	22.48	23.00
		HIGH	QPSK	22.22	22.27	22.39	22.41	22.49	23.00
10	1	LOW	QPSK	22.19	22.24	22.29	22.37	22.46	23.00
	25	LOW	Q16	22.47	22.51	22.71	22.68	22.79	23.00
		MID	Q16	22.73	22.79	22.99	22.99	22.94	23.00
		HIGH	Q16	22.48	22.53	22.73	22.75	22.85	23.00
	25	LOW	Q16	21.19	21.28	21.38	21.45	21.51	22.00
		MID	Q16	21.26	21.29	21.34	21.42	21.52	22.00
10	1	HIGH	Q16	21.27	21.32	21.43	21.45	21.50	22.00
		LOW	Q16	21.23	21.26	21.41	21.45	21.51	22.00
		MID	Q16	21.23	21.26	21.41	21.45	21.51	22.00
	25	LOW	64QAM	21.26	21.57	21.39	21.53	21.68	22.00
		MID	64QAM	21.61	21.77	21.53	21.98	21.82	22.00
		HIGH	64QAM	21.41	21.42	21.62	21.84	21.71	22.00
10	1	LOW	64QAM	20.18	20.30	20.18	20.42	20.44	21.00
		MID	64QAM	20.20	20.22	20.40	20.54	20.45	21.00
		HIGH	64QAM	20.34	20.45	20.22	20.53	20.62	21.00
	25	LOW	64QAM	20.19	20.22	20.25	20.46	20.58	21.00
		MID	64QAM	20.19	20.22	20.25	20.46	20.58	21.00
		HIGH	64QAM	20.19	20.22	20.25	20.46	20.58	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.15	23.19	23.26	23.29	23.39	24.00
		MID	QPSK	23.31	23.33	23.39	23.45	23.53	24.00
		HIGH	QPSK	23.15	23.17	23.23	23.33	23.41	24.00
	36	LOW	QPSK	22.21	22.25	22.34	22.44	22.49	23.00
		MID	QPSK	22.25	22.31	22.43	22.43	22.56	23.00
		HIGH	QPSK	22.28	22.32	22.32	22.43	22.51	23.00
15	1	LOW	QPSK	22.24	22.28	22.39	22.43	22.53	23.00
		MID	Q16	22.37	22.43	22.70	22.56	22.70	23.00
		HIGH	Q16	22.53	22.60	22.79	22.72	22.80	23.00
	36	LOW	Q16	22.39	22.42	22.63	22.57	22.67	23.00
		MID	Q16	21.20	21.22	21.37	21.43	21.47	22.00
		HIGH	Q16	21.24	21.28	21.22	21.41	21.53	22.00
15	1	LOW	Q16	21.26	21.28	21.22	21.46	21.50	22.00
		MID	Q16	21.25	21.29	21.44	21.41	21.50	22.00
		HIGH	Q16	21.25	21.29	21.44	21.41	21.50	22.00
	36	LOW	64QAM	21.27	21.30	21.74	21.68	21.55	22.00
		MID	64QAM	21.41	21.54	21.86	21.72	21.87	22.00
		HIGH	64QAM	21.35	21.51	21.51	21.49	21.76	22.00
15	1	LOW	64QAM	20.23	20.17	20.42	20.46	20.54	21.00
		MID	64QAM	20.21	20.36	20.31	20.41	20.63	21.00
		HIGH	64QAM	20.30	20.13	20.13	20.44	20.54	21.00
	36	LOW	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		MID	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		HIGH	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.97	23.01	23.02	23.20	23.25	24.00
		MID	QPSK	23.54	23.53	23.59	23.67	23.81	24.00
		HIGH	QPSK	22.97	23.00	23.01	23.18	23.31	24.00
	50	LOW	QPSK	22.16	22.22	22.29	22.35	22.42	23.00
		MID	QPSK	22.22	22.27	22.33	22.38	22.52	23.00
		HIGH	QPSK	22.28	22.26	22.34	22.33	22.43	23.00
20	1	LOW	QPSK	22.20	22.21	22.28	22.37	22.46	23.00
		MID	Q16	22.23	22.28	22.25	22.46	22.55	23.00
		HIGH	Q16	22.78	22.80	22.75	22.98	22.94	23.00
	50	LOW	Q16	22.28	22.26	22.23	22.49	22.63	23.00
		MID	Q16	21.18	21.24	21.34	21.45	21.48	22.00
		HIGH	Q16	21.25	21.28	21.40	21.44	21.54	22.00
20	1	LOW	Q16	21.31	21.25	21.36	21.40	21.49	22.00
		MID	Q16	21.22	21.25	21.32	21.40	21.48	22.00
		HIGH	Q16	21.22	21.25	21.32	21.40	21.48	22.00
	50	LOW	64QAM	21.11	21.14	21.40	21.41	21.62	22.00
		MID	64QAM	21.74	21.91	21.76	21.89	22.00	22.00
		HIGH	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
20	1	LOW	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
		MID	64QAM	20.12	20.23	20.23	20.49	20.49	21.00
		HIGH	64QAM	20.10	20.29	20.46	20.48	20.60	21.00
	50	LOW	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
		MID	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
		HIGH	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
20	1	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
	50	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
20	1	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
	50	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00

LTE B41-Level2-Down									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.23	23.25	23.29	23.41	24.00
		MID	QPSK	23.28	23.31	23.38	23.37	23.54	24.00
		HIGH	QPSK	23.18	23.20	23.25	23.29	23.44	24.00
	12	LOW	QPSK	22.14	22.21	22.35	22.32	22.46	23.00
		MID	QPSK	22.25	22.30	22.34	22.36	22.52	23.00
		HIGH	QPSK	22.19	22.18	22.34	22.34	22.43	23.00
25	LOW	QPSK	22.18	22.19	22.25	22.34	22.45	23.00	
5	1	LOW	Q16	22.34	22.45	22.51	22.46	22.77	23.00
		MID	Q16	22.48	22.56	22.61	22.57	22.86	23.00
		HIGH	Q16	22.38	22.47	22.52	22.48	22.77	23.00
	12	LOW	Q16	21.20	21.17	21.27	21.33	21.53	22.00
		MID	Q16	21.28	21.29	21.41	21.42	21.55	22.00
		HIGH	Q16	21.23	21.23	21.34	21.41	21.51	22.00
25	LOW	Q16	21.21	21.24	21.33	21.36	21.45	22.00	
5	1	LOW	64QAM	21.37	21.41	21.47	21.32	21.80	22.00
		MID	64QAM	21.47	21.44	21.66	21.64	21.75	22.00
		HIGH	64QAM	21.48	21.38	21.58	21.35	21.85	22.00
	12	LOW	64QAM	20.06	20.21	20.35	20.37	20.56	21.00
		MID	64QAM	20.40	20.15	20.50	20.30	20.56	21.00
		HIGH	64QAM	20.16	20.19	20.33	20.43	20.51	21.00
25	LOW	64QAM	20.26	20.32	20.42	20.26	20.57	21.00	
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.22	23.35	23.37	23.48	24.00
		MID	QPSK	23.49	23.53	23.61	23.64	23.80	24.00
		HIGH	QPSK	23.25	23.28	23.37	23.42	23.51	24.00
	25	LOW	QPSK	22.18	22.22	22.35	22.42	22.50	23.00
		MID	QPSK	22.22	22.23	22.32	22.37	22.48	23.00
		HIGH	QPSK	22.22	22.27	22.39	22.41	22.49	23.00
50	LOW	QPSK	22.19	22.24	22.29	22.37	22.46	23.00	
10	1	LOW	Q16	22.47	22.51	22.71	22.68	22.79	23.00
		MID	Q16	22.73	22.79	22.99	22.99	22.94	23.00
		HIGH	Q16	22.48	22.53	22.73	22.75	22.85	23.00
	25	LOW	Q16	21.19	21.28	21.38	21.45	21.51	22.00
		MID	Q16	21.26	21.29	21.34	21.42	21.52	22.00
		HIGH	Q16	21.27	21.32	21.43	21.45	21.50	22.00
50	LOW	Q16	21.23	21.26	21.41	21.45	21.51	22.00	
10	1	LOW	64QAM	21.26	21.57	21.39	21.53	21.68	22.00
		MID	64QAM	21.61	21.77	21.53	21.98	21.82	22.00
		HIGH	64QAM	21.41	21.42	21.62	21.84	21.71	22.00
	25	LOW	64QAM	20.18	20.30	20.18	20.42	20.44	21.00
		MID	64QAM	20.20	20.22	20.40	20.54	20.45	21.00
		HIGH	64QAM	20.34	20.45	20.22	20.53	20.62	21.00
50	LOW	64QAM	20.19	20.22	20.25	20.46	20.58	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.15	23.19	23.26	23.29	23.39	24.00
		MID	QPSK	23.31	23.33	23.39	23.45	23.53	24.00
		HIGH	QPSK	23.15	23.17	23.23	23.33	23.41	24.00
	36	LOW	QPSK	22.21	22.25	22.34	22.44	22.49	23.00
		MID	QPSK	22.25	22.31	22.43	22.43	22.56	23.00
		HIGH	QPSK	22.28	22.32	22.32	22.43	22.51	23.00
15	1	LOW	QPSK	22.24	22.28	22.39	22.43	22.53	23.00
		MID	Q16	22.37	22.43	22.70	22.56	22.70	23.00
		HIGH	Q16	22.53	22.60	22.79	22.72	22.80	23.00
	36	LOW	Q16	22.39	22.42	22.63	22.57	22.67	23.00
		MID	Q16	21.20	21.22	21.37	21.43	21.47	22.00
		HIGH	Q16	21.24	21.28	21.22	21.41	21.53	22.00
15	1	LOW	Q16	21.26	21.28	21.22	21.46	21.50	22.00
		MID	Q16	21.25	21.29	21.44	21.41	21.50	22.00
		HIGH	Q16	21.25	21.29	21.44	21.41	21.50	22.00
	36	LOW	64QAM	21.27	21.30	21.74	21.68	21.55	22.00
		MID	64QAM	21.41	21.54	21.86	21.72	21.87	22.00
		HIGH	64QAM	21.35	21.51	21.51	21.49	21.76	22.00
15	1	LOW	64QAM	20.23	20.17	20.42	20.46	20.54	21.00
		MID	64QAM	20.21	20.36	20.31	20.41	20.63	21.00
		HIGH	64QAM	20.30	20.13	20.13	20.44	20.54	21.00
	36	LOW	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		MID	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		HIGH	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.97	23.01	23.02	23.20	23.25	24.00
		MID	QPSK	23.54	23.53	23.59	23.67	23.81	24.00
		HIGH	QPSK	22.97	23.00	23.01	23.18	23.31	24.00
	50	LOW	QPSK	22.16	22.22	22.29	22.35	22.42	23.00
		MID	QPSK	22.22	22.27	22.33	22.38	22.52	23.00
		HIGH	QPSK	22.28	22.26	22.34	22.33	22.43	23.00
20	1	LOW	QPSK	22.20	22.21	22.28	22.37	22.46	23.00
		MID	Q16	22.23	22.28	22.25	22.46	22.55	23.00
		HIGH	Q16	22.78	22.80	22.75	22.98	22.94	23.00
	50	LOW	Q16	22.28	22.26	22.23	22.49	22.63	23.00
		MID	Q16	21.18	21.24	21.34	21.45	21.48	22.00
		HIGH	Q16	21.25	21.28	21.40	21.44	21.54	22.00
20	1	LOW	Q16	21.31	21.25	21.36	21.40	21.49	22.00
		MID	Q16	21.22	21.25	21.32	21.40	21.48	22.00
		HIGH	Q16	21.22	21.25	21.32	21.40	21.48	22.00
	50	LOW	64QAM	21.11	21.14	21.40	21.41	21.62	22.00
		MID	64QAM	21.74	21.91	21.76	21.89	22.00	22.00
		HIGH	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
20	1	LOW	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
		MID	64QAM	20.12	20.23	20.23	20.49	20.49	21.00
		HIGH	64QAM	20.10	20.29	20.46	20.48	20.60	21.00
	50	LOW	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
		MID	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
		HIGH	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
20	1	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
	50	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
20	1	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
	50	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00

LTE B41-Level3-Down									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.23	23.25	23.29	23.41	24.00
		MID	QPSK	23.28	23.31	23.38	23.37	23.54	24.00
		HIGH	QPSK	23.18	23.20	23.25	23.29	23.44	24.00
	12	LOW	QPSK	22.14	22.21	22.35	22.32	22.46	23.00
		MID	QPSK	22.25	22.30	22.34	22.36	22.52	23.00
		HIGH	QPSK	22.19	22.18	22.34	22.34	22.43	23.00
25	LOW	QPSK	22.18	22.19	22.25	22.34	22.45	23.00	
5	1	LOW	Q16	22.34	22.45	22.51	22.46	22.77	23.00
		MID	Q16	22.48	22.56	22.61	22.57	22.86	23.00
		HIGH	Q16	22.38	22.47	22.52	22.48	22.77	23.00
	12	LOW	Q16	21.20	21.17	21.27	21.33	21.53	22.00
		MID	Q16	21.28	21.29	21.41	21.42	21.55	22.00
		HIGH	Q16	21.23	21.23	21.34	21.41	21.51	22.00
25	LOW	Q16	21.21	21.24	21.33	21.36	21.45	22.00	
5	1	LOW	64QAM	21.37	21.41	21.47	21.32	21.80	22.00
		MID	64QAM	21.47	21.44	21.66	21.64	21.75	22.00
		HIGH	64QAM	21.48	21.38	21.58	21.35	21.85	22.00
	12	LOW	64QAM	20.06	20.21	20.35	20.37	20.56	21.00
		MID	64QAM	20.40	20.15	20.50	20.30	20.56	21.00
		HIGH	64QAM	20.16	20.19	20.33	20.43	20.51	21.00
25	LOW	64QAM	20.26	20.32	20.42	20.26	20.57	21.00	
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.22	23.35	23.37	23.48	24.00
		MID	QPSK	23.49	23.53	23.61	23.64	23.80	24.00
		HIGH	QPSK	23.25	23.28	23.37	23.42	23.51	24.00
	25	LOW	QPSK	22.18	22.22	22.35	22.42	22.50	23.00
		MID	QPSK	22.22	22.23	22.32	22.37	22.48	23.00
		HIGH	QPSK	22.22	22.27	22.39	22.41	22.49	23.00
50	LOW	QPSK	22.19	22.24	22.29	22.37	22.46	23.00	
10	1	LOW	Q16	22.47	22.51	22.71	22.68	22.79	23.00
		MID	Q16	22.73	22.79	22.99	22.99	22.94	23.00
		HIGH	Q16	22.48	22.53	22.73	22.75	22.85	23.00
	25	LOW	Q16	21.19	21.28	21.38	21.45	21.51	22.00
		MID	Q16	21.26	21.29	21.34	21.42	21.52	22.00
		HIGH	Q16	21.27	21.32	21.43	21.45	21.50	22.00
50	LOW	Q16	21.23	21.26	21.41	21.45	21.51	22.00	
10	1	LOW	64QAM	21.26	21.57	21.39	21.53	21.68	22.00
		MID	64QAM	21.61	21.77	21.53	21.98	21.82	22.00
		HIGH	64QAM	21.41	21.42	21.62	21.84	21.71	22.00
	25	LOW	64QAM	20.18	20.30	20.18	20.42	20.44	21.00
		MID	64QAM	20.20	20.22	20.40	20.54	20.45	21.00
		HIGH	64QAM	20.34	20.45	20.22	20.53	20.62	21.00
50	LOW	64QAM	20.19	20.22	20.25	20.46	20.58	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.15	23.19	23.26	23.29	23.39	24.00
		MID	QPSK	23.31	23.33	23.39	23.45	23.53	24.00
		HIGH	QPSK	23.15	23.17	23.23	23.33	23.41	24.00
	36	LOW	QPSK	22.21	22.25	22.34	22.44	22.49	23.00
		MID	QPSK	22.25	22.31	22.43	22.43	22.56	23.00
		HIGH	QPSK	22.28	22.32	22.32	22.43	22.51	23.00
15	1	LOW	QPSK	22.24	22.28	22.39	22.43	22.53	23.00
	36	LOW	Q16	22.37	22.43	22.70	22.56	22.70	23.00
		MID	Q16	22.53	22.60	22.79	22.72	22.80	23.00
		HIGH	Q16	22.39	22.42	22.63	22.57	22.67	23.00
	75	LOW	Q16	21.20	21.22	21.37	21.43	21.47	22.00
		MID	Q16	21.24	21.28	21.22	21.41	21.53	22.00
15	1	LOW	Q16	21.26	21.28	21.22	21.46	21.50	22.00
		MID	Q16	21.25	21.29	21.44	21.41	21.50	22.00
		HIGH	Q16	21.25	21.29	21.44	21.41	21.50	22.00
	36	LOW	64QAM	21.27	21.30	21.74	21.68	21.55	22.00
		MID	64QAM	21.41	21.54	21.86	21.72	21.87	22.00
		HIGH	64QAM	21.35	21.51	21.51	21.49	21.76	22.00
15	1	LOW	64QAM	20.23	20.17	20.42	20.46	20.54	21.00
		MID	64QAM	20.21	20.36	20.31	20.41	20.63	21.00
		HIGH	64QAM	20.30	20.13	20.13	20.44	20.54	21.00
	75	LOW	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		MID	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		HIGH	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.97	23.01	23.02	23.20	23.25	24.00
		MID	QPSK	23.54	23.53	23.59	23.67	23.81	24.00
		HIGH	QPSK	22.97	23.00	23.01	23.18	23.31	24.00
	50	LOW	QPSK	22.16	22.22	22.29	22.35	22.42	23.00
		MID	QPSK	22.22	22.27	22.33	22.38	22.52	23.00
		HIGH	QPSK	22.28	22.26	22.34	22.33	22.43	23.00
20	100	LOW	QPSK	22.20	22.21	22.28	22.37	22.46	23.00
	1	LOW	Q16	22.23	22.28	22.25	22.46	22.55	23.00
		MID	Q16	22.78	22.80	22.75	22.98	22.94	23.00
		HIGH	Q16	22.28	22.26	22.23	22.49	22.63	23.00
	50	LOW	Q16	21.18	21.24	21.34	21.45	21.48	22.00
		MID	Q16	21.25	21.28	21.40	21.44	21.54	22.00
20	100	LOW	Q16	21.31	21.25	21.36	21.40	21.49	22.00
		MID	Q16	21.22	21.25	21.32	21.40	21.48	22.00
		HIGH	Q16	21.22	21.25	21.32	21.40	21.48	22.00
	1	LOW	64QAM	21.11	21.14	21.40	21.41	21.62	22.00
		MID	64QAM	21.74	21.91	21.76	21.89	22.00	22.00
		HIGH	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
20	50	LOW	64QAM	20.12	20.23	20.23	20.49	20.49	21.00
		MID	64QAM	20.10	20.29	20.46	20.48	20.60	21.00
		HIGH	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
	100	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00

LTE B41-Level4-Down									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.23	23.25	23.29	23.41	24.00
		MID	QPSK	23.28	23.31	23.38	23.37	23.54	24.00
		HIGH	QPSK	23.18	23.20	23.25	23.29	23.44	24.00
	12	LOW	QPSK	22.14	22.21	22.35	22.32	22.46	23.00
		MID	QPSK	22.25	22.30	22.34	22.36	22.52	23.00
		HIGH	QPSK	22.19	22.18	22.34	22.34	22.43	23.00
25	LOW	QPSK	22.18	22.19	22.25	22.34	22.45	23.00	
5	1	LOW	Q16	22.34	22.45	22.51	22.46	22.77	23.00
		MID	Q16	22.48	22.56	22.61	22.57	22.86	23.00
		HIGH	Q16	22.38	22.47	22.52	22.48	22.77	23.00
	12	LOW	Q16	21.20	21.17	21.27	21.33	21.53	22.00
		MID	Q16	21.28	21.29	21.41	21.42	21.55	22.00
		HIGH	Q16	21.23	21.23	21.34	21.41	21.51	22.00
25	LOW	Q16	21.21	21.24	21.33	21.36	21.45	22.00	
5	1	LOW	64QAM	21.37	21.41	21.47	21.32	21.80	22.00
		MID	64QAM	21.47	21.44	21.66	21.64	21.75	22.00
		HIGH	64QAM	21.48	21.38	21.58	21.35	21.85	22.00
	12	LOW	64QAM	20.06	20.21	20.35	20.37	20.56	21.00
		MID	64QAM	20.40	20.15	20.50	20.30	20.56	21.00
		HIGH	64QAM	20.16	20.19	20.33	20.43	20.51	21.00
25	LOW	64QAM	20.26	20.32	20.42	20.26	20.57	21.00	
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.22	23.35	23.37	23.48	24.00
		MID	QPSK	23.49	23.53	23.61	23.64	23.80	24.00
		HIGH	QPSK	23.25	23.28	23.37	23.42	23.51	24.00
	25	LOW	QPSK	22.18	22.22	22.35	22.42	22.50	23.00
		MID	QPSK	22.22	22.23	22.32	22.37	22.48	23.00
		HIGH	QPSK	22.22	22.27	22.39	22.41	22.49	23.00
50	LOW	QPSK	22.19	22.24	22.29	22.37	22.46	23.00	
10	1	LOW	Q16	22.47	22.51	22.71	22.68	22.79	23.00
		MID	Q16	22.73	22.79	22.99	22.99	22.94	23.00
		HIGH	Q16	22.48	22.53	22.73	22.75	22.85	23.00
	25	LOW	Q16	21.19	21.28	21.38	21.45	21.51	22.00
		MID	Q16	21.26	21.29	21.34	21.42	21.52	22.00
		HIGH	Q16	21.27	21.32	21.43	21.45	21.50	22.00
50	LOW	Q16	21.23	21.26	21.41	21.45	21.51	22.00	
10	1	LOW	64QAM	21.26	21.57	21.39	21.53	21.68	22.00
		MID	64QAM	21.61	21.77	21.53	21.98	21.82	22.00
		HIGH	64QAM	21.41	21.42	21.62	21.84	21.71	22.00
	25	LOW	64QAM	20.18	20.30	20.18	20.42	20.44	21.00
		MID	64QAM	20.20	20.22	20.40	20.54	20.45	21.00
		HIGH	64QAM	20.34	20.45	20.22	20.53	20.62	21.00
50	LOW	64QAM	20.19	20.22	20.25	20.46	20.58	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.15	23.19	23.26	23.29	23.39	24.00
		MID	QPSK	23.31	23.33	23.39	23.45	23.53	24.00
		HIGH	QPSK	23.15	23.17	23.23	23.33	23.41	24.00
	36	LOW	QPSK	22.21	22.25	22.34	22.44	22.49	23.00
		MID	QPSK	22.25	22.31	22.43	22.43	22.56	23.00
		HIGH	QPSK	22.28	22.32	22.32	22.43	22.51	23.00
15	1	LOW	QPSK	22.24	22.28	22.39	22.43	22.53	23.00
	36	LOW	Q16	22.37	22.43	22.70	22.56	22.70	23.00
		MID	Q16	22.53	22.60	22.79	22.72	22.80	23.00
		HIGH	Q16	22.39	22.42	22.63	22.57	22.67	23.00
	75	LOW	Q16	21.20	21.22	21.37	21.43	21.47	22.00
		MID	Q16	21.24	21.28	21.22	21.41	21.53	22.00
15	1	LOW	Q16	21.26	21.28	21.22	21.46	21.50	22.00
		MID	Q16	21.25	21.29	21.44	21.41	21.50	22.00
		HIGH	Q16	21.25	21.29	21.44	21.41	21.50	22.00
	36	LOW	64QAM	21.27	21.30	21.74	21.68	21.55	22.00
		MID	64QAM	21.41	21.54	21.86	21.72	21.87	22.00
		HIGH	64QAM	21.35	21.51	21.51	21.49	21.76	22.00
15	1	LOW	64QAM	20.23	20.17	20.42	20.46	20.54	21.00
		MID	64QAM	20.21	20.36	20.31	20.41	20.63	21.00
		HIGH	64QAM	20.30	20.13	20.13	20.44	20.54	21.00
	75	LOW	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		MID	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		HIGH	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.97	23.01	23.02	23.20	23.25	24.00
		MID	QPSK	23.54	23.53	23.59	23.67	23.81	24.00
		HIGH	QPSK	22.97	23.00	23.01	23.18	23.31	24.00
	50	LOW	QPSK	22.16	22.22	22.29	22.35	22.42	23.00
		MID	QPSK	22.22	22.27	22.33	22.38	22.52	23.00
		HIGH	QPSK	22.28	22.26	22.34	22.33	22.43	23.00
20	100	LOW	QPSK	22.20	22.21	22.28	22.37	22.46	23.00
	1	LOW	Q16	22.23	22.28	22.25	22.46	22.55	23.00
		MID	Q16	22.78	22.80	22.75	22.98	22.94	23.00
		HIGH	Q16	22.28	22.26	22.23	22.49	22.63	23.00
	50	LOW	Q16	21.18	21.24	21.34	21.45	21.48	22.00
		MID	Q16	21.25	21.28	21.40	21.44	21.54	22.00
20	100	LOW	Q16	21.31	21.25	21.36	21.40	21.49	22.00
		MID	Q16	21.22	21.25	21.32	21.40	21.48	22.00
		HIGH	Q16	21.22	21.25	21.32	21.40	21.48	22.00
	1	LOW	64QAM	21.11	21.14	21.40	21.41	21.62	22.00
		MID	64QAM	21.74	21.91	21.76	21.89	22.00	22.00
		HIGH	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
20	50	LOW	64QAM	20.12	20.23	20.23	20.49	20.49	21.00
		MID	64QAM	20.10	20.29	20.46	20.48	20.60	21.00
		HIGH	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
	100	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00

LTE B41-Level5-Down									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.23	23.25	23.29	23.41	24.00
		MID	QPSK	23.28	23.31	23.38	23.37	23.54	24.00
		HIGH	QPSK	23.18	23.20	23.25	23.29	23.44	24.00
	12	LOW	QPSK	22.14	22.21	22.35	22.32	22.46	23.00
		MID	QPSK	22.25	22.30	22.34	22.36	22.52	23.00
		HIGH	QPSK	22.19	22.18	22.34	22.34	22.43	23.00
25	LOW	QPSK	22.18	22.19	22.25	22.34	22.45	23.00	
5	1	LOW	Q16	22.34	22.45	22.51	22.46	22.77	23.00
		MID	Q16	22.48	22.56	22.61	22.57	22.86	23.00
		HIGH	Q16	22.38	22.47	22.52	22.48	22.77	23.00
	12	LOW	Q16	21.20	21.17	21.27	21.33	21.53	22.00
		MID	Q16	21.28	21.29	21.41	21.42	21.55	22.00
		HIGH	Q16	21.23	21.23	21.34	21.41	21.51	22.00
25	LOW	Q16	21.21	21.24	21.33	21.36	21.45	22.00	
5	1	LOW	64QAM	21.37	21.41	21.47	21.32	21.80	22.00
		MID	64QAM	21.47	21.44	21.66	21.64	21.75	22.00
		HIGH	64QAM	21.48	21.38	21.58	21.35	21.85	22.00
	12	LOW	64QAM	20.06	20.21	20.35	20.37	20.56	21.00
		MID	64QAM	20.40	20.15	20.50	20.30	20.56	21.00
		HIGH	64QAM	20.16	20.19	20.33	20.43	20.51	21.00
25	LOW	64QAM	20.26	20.32	20.42	20.26	20.57	21.00	
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.22	23.35	23.37	23.48	24.00
		MID	QPSK	23.49	23.53	23.61	23.64	23.80	24.00
		HIGH	QPSK	23.25	23.28	23.37	23.42	23.51	24.00
	25	LOW	QPSK	22.18	22.22	22.35	22.42	22.50	23.00
		MID	QPSK	22.22	22.23	22.32	22.37	22.48	23.00
		HIGH	QPSK	22.22	22.27	22.39	22.41	22.49	23.00
50	LOW	QPSK	22.19	22.24	22.29	22.37	22.46	23.00	
10	1	LOW	Q16	22.47	22.51	22.71	22.68	22.79	23.00
		MID	Q16	22.73	22.79	22.99	22.99	22.94	23.00
		HIGH	Q16	22.48	22.53	22.73	22.75	22.85	23.00
	25	LOW	Q16	21.19	21.28	21.38	21.45	21.51	22.00
		MID	Q16	21.26	21.29	21.34	21.42	21.52	22.00
		HIGH	Q16	21.27	21.32	21.43	21.45	21.50	22.00
50	LOW	Q16	21.23	21.26	21.41	21.45	21.51	22.00	
10	1	LOW	64QAM	21.26	21.57	21.39	21.53	21.68	22.00
		MID	64QAM	21.61	21.77	21.53	21.98	21.82	22.00
		HIGH	64QAM	21.41	21.42	21.62	21.84	21.71	22.00
	25	LOW	64QAM	20.18	20.30	20.18	20.42	20.44	21.00
		MID	64QAM	20.20	20.22	20.40	20.54	20.45	21.00
		HIGH	64QAM	20.34	20.45	20.22	20.53	20.62	21.00
50	LOW	64QAM	20.19	20.22	20.25	20.46	20.58	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.15	23.19	23.26	23.29	23.39	24.00
		MID	QPSK	23.31	23.33	23.39	23.45	23.53	24.00
		HIGH	QPSK	23.15	23.17	23.23	23.33	23.41	24.00
	36	LOW	QPSK	22.21	22.25	22.34	22.44	22.49	23.00
		MID	QPSK	22.25	22.31	22.43	22.43	22.56	23.00
		HIGH	QPSK	22.28	22.32	22.32	22.43	22.51	23.00
15	1	LOW	QPSK	22.24	22.28	22.39	22.43	22.53	23.00
	36	LOW	Q16	22.37	22.43	22.70	22.56	22.70	23.00
		MID	Q16	22.53	22.60	22.79	22.72	22.80	23.00
		HIGH	Q16	22.39	22.42	22.63	22.57	22.67	23.00
	75	LOW	Q16	21.20	21.22	21.37	21.43	21.47	22.00
		MID	Q16	21.24	21.28	21.22	21.41	21.53	22.00
15	1	LOW	Q16	21.26	21.28	21.22	21.46	21.50	22.00
		MID	Q16	21.25	21.29	21.44	21.41	21.50	22.00
		HIGH	Q16	21.25	21.29	21.44	21.41	21.50	22.00
	36	LOW	64QAM	21.27	21.30	21.74	21.68	21.55	22.00
		MID	64QAM	21.41	21.54	21.86	21.72	21.87	22.00
		HIGH	64QAM	21.35	21.51	21.51	21.49	21.76	22.00
15	1	LOW	64QAM	20.23	20.17	20.42	20.46	20.54	21.00
		MID	64QAM	20.21	20.36	20.31	20.41	20.63	21.00
		HIGH	64QAM	20.30	20.13	20.13	20.44	20.54	21.00
	75	LOW	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		MID	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		HIGH	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.97	23.01	23.02	23.20	23.25	24.00
		MID	QPSK	23.54	23.53	23.59	23.67	23.81	24.00
		HIGH	QPSK	22.97	23.00	23.01	23.18	23.31	24.00
	50	LOW	QPSK	22.16	22.22	22.29	22.35	22.42	23.00
		MID	QPSK	22.22	22.27	22.33	22.38	22.52	23.00
		HIGH	QPSK	22.28	22.26	22.34	22.33	22.43	23.00
20	100	LOW	QPSK	22.20	22.21	22.28	22.37	22.46	23.00
	1	LOW	Q16	22.23	22.28	22.25	22.46	22.55	23.00
		MID	Q16	22.78	22.80	22.75	22.98	22.94	23.00
		HIGH	Q16	22.28	22.26	22.23	22.49	22.63	23.00
	50	LOW	Q16	21.18	21.24	21.34	21.45	21.48	22.00
		MID	Q16	21.25	21.28	21.40	21.44	21.54	22.00
20	100	LOW	Q16	21.31	21.25	21.36	21.40	21.49	22.00
		MID	Q16	21.22	21.25	21.32	21.40	21.48	22.00
		HIGH	Q16	21.22	21.25	21.32	21.40	21.48	22.00
	1	LOW	64QAM	21.11	21.14	21.40	21.41	21.62	22.00
		MID	64QAM	21.74	21.91	21.76	21.89	22.00	22.00
		HIGH	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
20	50	LOW	64QAM	20.12	20.23	20.23	20.49	20.49	21.00
		MID	64QAM	20.10	20.29	20.46	20.48	20.60	21.00
		HIGH	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
	100	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00

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Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.23	23.25	23.29	23.41	24.00
		MID	QPSK	23.28	23.31	23.38	23.37	23.54	24.00
		HIGH	QPSK	23.18	23.20	23.25	23.29	23.44	24.00
	12	LOW	QPSK	22.14	22.21	22.35	22.32	22.46	23.00
		MID	QPSK	22.25	22.30	22.34	22.36	22.52	23.00
		HIGH	QPSK	22.19	22.18	22.34	22.34	22.43	23.00
25	LOW	QPSK	22.18	22.19	22.25	22.34	22.45	23.00	
5	1	LOW	Q16	22.34	22.45	22.51	22.46	22.77	23.00
		MID	Q16	22.48	22.56	22.61	22.57	22.86	23.00
		HIGH	Q16	22.38	22.47	22.52	22.48	22.77	23.00
	12	LOW	Q16	21.20	21.17	21.27	21.33	21.53	22.00
		MID	Q16	21.28	21.29	21.41	21.42	21.55	22.00
		HIGH	Q16	21.23	21.23	21.34	21.41	21.51	22.00
25	LOW	Q16	21.21	21.24	21.33	21.36	21.45	22.00	
5	1	LOW	64QAM	21.37	21.41	21.47	21.32	21.80	22.00
		MID	64QAM	21.47	21.44	21.66	21.64	21.75	22.00
		HIGH	64QAM	21.48	21.38	21.58	21.35	21.85	22.00
	12	LOW	64QAM	20.06	20.21	20.35	20.37	20.56	21.00
		MID	64QAM	20.40	20.15	20.50	20.30	20.56	21.00
		HIGH	64QAM	20.16	20.19	20.33	20.43	20.51	21.00
25	LOW	64QAM	20.26	20.32	20.42	20.26	20.57	21.00	
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.22	23.35	23.37	23.48	24.00
		MID	QPSK	23.49	23.53	23.61	23.64	23.80	24.00
		HIGH	QPSK	23.25	23.28	23.37	23.42	23.51	24.00
	25	LOW	QPSK	22.18	22.22	22.35	22.42	22.50	23.00
		MID	QPSK	22.22	22.23	22.32	22.37	22.48	23.00
		HIGH	QPSK	22.22	22.27	22.39	22.41	22.49	23.00
50	LOW	QPSK	22.19	22.24	22.29	22.37	22.46	23.00	
10	1	LOW	Q16	22.47	22.51	22.71	22.68	22.79	23.00
		MID	Q16	22.73	22.79	22.99	22.99	22.94	23.00
		HIGH	Q16	22.48	22.53	22.73	22.75	22.85	23.00
	25	LOW	Q16	21.19	21.28	21.38	21.45	21.51	22.00
		MID	Q16	21.26	21.29	21.34	21.42	21.52	22.00
		HIGH	Q16	21.27	21.32	21.43	21.45	21.50	22.00
50	LOW	Q16	21.23	21.26	21.41	21.45	21.51	22.00	
10	1	LOW	64QAM	21.26	21.57	21.39	21.53	21.68	22.00
		MID	64QAM	21.61	21.77	21.53	21.98	21.82	22.00
		HIGH	64QAM	21.41	21.42	21.62	21.84	21.71	22.00
	25	LOW	64QAM	20.18	20.30	20.18	20.42	20.44	21.00
		MID	64QAM	20.20	20.22	20.40	20.54	20.45	21.00
		HIGH	64QAM	20.34	20.45	20.22	20.53	20.62	21.00
50	LOW	64QAM	20.19	20.22	20.25	20.46	20.58	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.15	23.19	23.26	23.29	23.39	24.00
		MID	QPSK	23.31	23.33	23.39	23.45	23.53	24.00
		HIGH	QPSK	23.15	23.17	23.23	23.33	23.41	24.00
	36	LOW	QPSK	22.21	22.25	22.34	22.44	22.49	23.00
		MID	QPSK	22.25	22.31	22.43	22.43	22.56	23.00
		HIGH	QPSK	22.28	22.32	22.32	22.43	22.51	23.00
15	1	LOW	QPSK	22.24	22.28	22.39	22.43	22.53	23.00
	36	LOW	Q16	22.37	22.43	22.70	22.56	22.70	23.00
		MID	Q16	22.53	22.60	22.79	22.72	22.80	23.00
		HIGH	Q16	22.39	22.42	22.63	22.57	22.67	23.00
	75	LOW	Q16	21.20	21.22	21.37	21.43	21.47	22.00
		MID	Q16	21.24	21.28	21.22	21.41	21.53	22.00
15	1	LOW	Q16	21.26	21.28	21.22	21.46	21.50	22.00
		MID	Q16	21.25	21.29	21.44	21.41	21.50	22.00
		HIGH	Q16	21.25	21.29	21.44	21.41	21.50	22.00
	36	LOW	64QAM	21.27	21.30	21.74	21.68	21.55	22.00
		MID	64QAM	21.41	21.54	21.86	21.72	21.87	22.00
		HIGH	64QAM	21.35	21.51	21.51	21.49	21.76	22.00
15	1	LOW	64QAM	20.23	20.17	20.42	20.46	20.54	21.00
		MID	64QAM	20.21	20.36	20.31	20.41	20.63	21.00
		HIGH	64QAM	20.30	20.13	20.13	20.44	20.54	21.00
	75	LOW	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		MID	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
		HIGH	64QAM	20.12	20.42	20.45	20.37	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.97	23.01	23.02	23.20	23.25	24.00
		MID	QPSK	23.54	23.53	23.59	23.67	23.81	24.00
		HIGH	QPSK	22.97	23.00	23.01	23.18	23.31	24.00
	50	LOW	QPSK	22.16	22.22	22.29	22.35	22.42	23.00
		MID	QPSK	22.22	22.27	22.33	22.38	22.52	23.00
		HIGH	QPSK	22.28	22.26	22.34	22.33	22.43	23.00
20	100	LOW	QPSK	22.20	22.21	22.28	22.37	22.46	23.00
	1	LOW	Q16	22.23	22.28	22.25	22.46	22.55	23.00
		MID	Q16	22.78	22.80	22.75	22.98	22.94	23.00
		HIGH	Q16	22.28	22.26	22.23	22.49	22.63	23.00
	50	LOW	Q16	21.18	21.24	21.34	21.45	21.48	22.00
		MID	Q16	21.25	21.28	21.40	21.44	21.54	22.00
20	100	LOW	Q16	21.31	21.25	21.36	21.40	21.49	22.00
		MID	Q16	21.22	21.25	21.32	21.40	21.48	22.00
		HIGH	Q16	21.22	21.25	21.32	21.40	21.48	22.00
	1	LOW	64QAM	21.11	21.14	21.40	21.41	21.62	22.00
		MID	64QAM	21.74	21.91	21.76	21.89	22.00	22.00
		HIGH	64QAM	21.19	21.28	21.37	21.43	21.61	22.00
20	50	LOW	64QAM	20.12	20.23	20.23	20.49	20.49	21.00
		MID	64QAM	20.10	20.29	20.46	20.48	20.60	21.00
		HIGH	64QAM	20.24	20.24	20.45	20.35	20.46	21.00
	100	LOW	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		MID	64QAM	20.20	20.27	20.45	20.40	20.52	21.00
		HIGH	64QAM	20.20	20.27	20.45	20.40	20.52	21.00