

8 CONDUCTED RF OUPUT POWER

8.2	GSM Output Power
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8.2 GSM Output Power

GSM-Full Power-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	33.08	33.26	33.42	33.50	23.89	24.07	24.23	24.31
GPRS (GMSK, 1-Slot)	32.88	32.70	32.80	33.50	23.69	23.51	23.61	24.31
GPRS (GMSK, 2-Slots)	29.05	29.08	29.21	31.00	22.92	22.95	23.08	24.87
GPRS (GMSK, 3-Slots)	27.54	27.55	27.54	29.50	23.14	23.13	23.32	25.08
GPRS (GMSK, 4-Slots)	26.16	26.26	26.45	28.00	22.98	23.08	23.27	24.82
EGPRS (8PSK, 1-Slot)	26.03	26.22	26.57	27.80	16.84	17.03	17.38	18.61
EGPRS (8PSK, 2-Slots)	23.61	23.57	23.76	25.00	17.48	17.44	17.63	18.87
EGPRS (8PSK, 3-Slots)	21.64	21.54	21.64	23.50	17.22	17.12	17.22	19.08
EGPRS (8PSK, 4-Slots)	21.14	20.83	21.05	22.00	17.96	17.65	17.87	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.27	29.31	29.61	30.50	20.08	20.12	20.42	21.31
GPRS (GMSK, 1-Slot)	29.15	29.19	29.49	30.50	19.96	20.00	20.30	21.31
GPRS (GMSK, 2-Slots)	26.61	26.61	26.70	28.00	20.48	20.48	20.57	21.87
GPRS (GMSK, 3-Slots)	24.53	24.55	24.52	26.50	20.15	20.13	20.30	22.08
GPRS (GMSK, 4-Slots)	23.30	23.31	23.47	25.00	20.12	20.13	20.29	21.82
EGPRS (8PSK, 1-Slot)	25.33	25.20	25.38	26.50	16.14	16.01	16.19	17.31
EGPRS (8PSK, 2-Slots)	22.43	22.17	22.17	24.00	16.30	16.04	16.04	17.87
EGPRS (8PSK, 3-Slots)	20.52	20.54	21.62	22.50	16.10	16.12	17.20	18.08
EGPRS (8PSK, 4-Slots)	19.95	20.13	20.15	21.00	16.77	16.95	16.97	17.82

GSM-State1&3-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	33.08	33.26	33.42	33.50	23.89	24.07	24.23	24.31
GPRS (GMSK, 1-Slot)	32.88	32.70	32.80	33.50	23.69	23.51	23.61	24.31
GPRS (GMSK, 2-Slots)	29.05	29.08	29.21	31.00	22.92	22.95	23.08	24.87
GPRS (GMSK, 3-Slots)	27.54	27.55	27.54	29.50	23.14	23.13	23.32	25.08
GPRS (GMSK, 4-Slots)	26.16	26.26	26.45	28.00	22.98	23.08	23.27	24.82
EGPRS (8PSK, 1-Slot)	26.03	26.22	26.57	27.80	16.84	17.03	17.38	18.61
EGPRS (8PSK, 2-Slots)	23.61	23.57	23.76	25.00	17.48	17.44	17.63	18.87
EGPRS (8PSK, 3-Slots)	21.64	21.54	21.64	23.50	17.22	17.12	17.22	19.08
EGPRS (8PSK, 4-Slots)	21.14	20.83	21.05	22.00	17.96	17.65	17.87	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.27	29.31	29.61	30.50	20.08	20.12	20.42	21.31
GPRS (GMSK, 1-Slot)	29.15	29.19	29.49	30.50	19.96	20.00	20.30	21.31
GPRS (GMSK, 2-Slots)	26.61	26.61	26.70	28.00	20.48	20.48	20.57	21.87
GPRS (GMSK, 3-Slots)	24.53	24.55	24.52	26.50	20.15	20.13	20.30	22.08
GPRS (GMSK, 4-Slots)	23.30	23.31	23.47	25.00	20.12	20.13	20.29	21.82
EGPRS (8PSK, 1-Slot)	25.33	25.20	25.38	26.50	16.14	16.01	16.19	17.31
EGPRS (8PSK, 2-Slots)	22.43	22.17	22.17	24.00	16.30	16.04	16.04	17.87
EGPRS (8PSK, 3-Slots)	20.52	20.54	21.62	22.50	16.10	16.12	17.20	18.08
EGPRS (8PSK, 4-Slots)	19.95	20.13	20.15	21.00	16.77	16.95	16.97	17.82

GSM-State2-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	31.10	31.32	31.47	32.00	21.91	22.13	22.28	22.81
GPRS (GMSK, 1-Slot)	31.12	31.25	31.49	32.00	21.93	22.06	22.30	22.81
GPRS (GMSK, 2-Slots)	27.53	27.65	27.88	29.50	21.40	21.52	21.75	23.37
GPRS (GMSK, 3-Slots)	26.09	26.21	26.04	28.00	21.67	21.58	21.62	23.58
GPRS (GMSK, 4-Slots)	24.55	24.56	24.51	26.50	21.37	21.38	21.33	23.32
EGPRS (8PSK, 1-Slot)	24.80	24.92	25.06	26.30	15.61	15.73	15.87	17.11
EGPRS (8PSK, 2-Slots)	21.58	21.53	21.73	23.50	15.45	15.40	15.60	17.37
EGPRS (8PSK, 3-Slots)	20.06	20.01	20.01	22.00	15.64	15.59	15.59	17.58
EGPRS (8PSK, 4-Slots)	18.55	18.58	18.66	20.50	15.37	15.40	15.48	17.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	24.76	24.91	25.02	26.50	15.57	15.72	15.83	17.31
GPRS (GMSK, 1-Slot)	24.77	24.91	24.99	26.50	15.58	15.72	15.80	17.31
GPRS (GMSK, 2-Slots)	22.07	22.07	22.25	24.00	15.94	15.94	16.12	17.87
GPRS (GMSK, 3-Slots)	20.50	20.51	20.51	22.50	16.08	16.09	16.10	18.08
GPRS (GMSK, 4-Slots)	19.07	19.06	19.03	21.00	15.89	15.88	15.85	17.82
EGPRS (8PSK, 1-Slot)	21.04	21.09	21.31	22.50	11.85	11.90	12.12	13.31
EGPRS (8PSK, 2-Slots)	18.28	18.40	18.63	20.00	12.15	12.27	12.50	13.87
EGPRS (8PSK, 3-Slots)	16.54	16.58	16.68	18.50	12.12	12.16	12.26	14.08
EGPRS (8PSK, 4-Slots)	15.39	15.61	15.81	17.00	12.21	12.43	12.63	13.82

GSM-State4-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	31.05	31.18	31.40	31.50	21.86	21.99	22.21	22.31
GPRS (GMSK, 1-Slot)	30.96	31.08	31.31	31.50	21.77	21.89	22.12	22.31
GPRS (GMSK, 2-Slots)	27.36	27.57	27.76	29.00	21.23	21.44	21.63	22.87
GPRS (GMSK, 3-Slots)	25.53	25.55	25.52	27.50	21.11	21.13	21.25	23.08
GPRS (GMSK, 4-Slots)	24.02	24.14	24.26	26.00	20.84	20.96	21.08	22.82
EGPRS (8PSK, 1-Slot)	24.72	24.95	25.18	25.80	15.53	15.76	15.99	16.61
EGPRS (8PSK, 2-Slots)	21.46	21.54	21.67	23.00	15.33	15.41	15.54	16.87
EGPRS (8PSK, 3-Slots)	19.55	19.56	19.59	21.50	15.13	15.14	15.17	17.08
EGPRS (8PSK, 4-Slots)	18.01	18.06	18.15	20.00	14.83	14.88	14.97	16.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	24.32	24.51	24.78	26.00	15.13	15.32	15.59	16.81
GPRS (GMSK, 1-Slot)	24.27	24.42	24.73	26.00	15.08	15.23	15.54	16.81
GPRS (GMSK, 2-Slots)	21.54	21.62	21.82	23.50	15.41	15.49	15.69	17.37
GPRS (GMSK, 3-Slots)	20.05	20.08	20.02	22.00	15.63	15.66	15.60	17.58
GPRS (GMSK, 4-Slots)	18.51	18.52	18.63	20.50	15.33	15.34	15.45	17.32
EGPRS (8PSK, 1-Slot)	21.48	20.47	20.45	22.00	12.29	11.28	11.26	12.81
EGPRS (8PSK, 2-Slots)	17.68	17.83	17.92	19.50	11.55	11.70	11.79	13.37
EGPRS (8PSK, 3-Slots)	16.06	16.03	16.01	18.00	11.64	11.61	11.59	13.58
EGPRS (8PSK, 4-Slots)	14.98	15.03	15.42	16.50	11.80	11.85	12.24	13.32

8.2 GSM Output Power

GSM-Full Power-Ant.0/2								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	31.30	31.47	31.60	32.90	22.11	22.28	22.41	23.71
GPRS (GMSK, 1-Slot)	31.20	31.37	31.50	32.90	22.01	22.18	22.31	23.71
GPRS (GMSK, 2-Slots)	28.79	28.98	29.11	30.40	22.66	22.85	22.98	24.27
GPRS (GMSK, 3-Slots)	26.91	26.98	26.91	28.90	22.49	22.56	22.49	24.48
GPRS (GMSK, 4-Slots)	25.49	25.48	25.59	27.40	22.31	22.30	22.41	24.22
EGPRS (8PSK, 1-Slot)	25.73	25.76	25.97	27.20	16.54	16.57	16.78	18.01
EGPRS (8PSK, 2-Slots)	24.28	23.18	23.54	24.40	18.15	17.05	17.41	18.27
EGPRS (8PSK, 3-Slots)	21.27	22.75	21.47	22.90	16.85	18.33	17.05	18.48
EGPRS (8PSK, 4-Slots)	20.42	20.60	21.30	21.40	17.24	17.42	18.12	18.22
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.37	29.47	29.38	30.10	20.18	20.28	20.19	20.91
GPRS (GMSK, 1-Slot)	29.37	29.47	29.31	30.10	20.18	20.28	20.12	20.91
GPRS (GMSK, 2-Slots)	26.94	27.11	27.10	27.60	20.81	20.98	20.97	21.47
GPRS (GMSK, 3-Slots)	24.89	25.07	25.37	26.10	20.47	20.65	20.95	21.68
GPRS (GMSK, 4-Slots)	23.61	23.81	23.85	24.60	20.43	20.63	20.67	21.42
EGPRS (8PSK, 1-Slot)	25.66	25.63	25.63	26.10	16.47	16.44	16.44	16.91
EGPRS (8PSK, 2-Slots)	22.51	23.24	22.56	23.60	16.38	17.11	16.43	17.47
EGPRS (8PSK, 3-Slots)	20.68	20.77	22.07	22.10	16.26	16.35	17.65	17.68
EGPRS (8PSK, 4-Slots)	20.33	20.47	20.41	20.60	17.15	17.29	17.23	17.42

GSM-State 2&4-Ant.0/2								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	31.30	31.47	31.60	32.90	22.11	22.28	22.41	23.71
GPRS (GMSK, 1-Slot)	31.20	31.37	31.50	32.90	22.01	22.18	22.31	23.71
GPRS (GMSK, 2-Slots)	28.79	28.98	29.11	30.40	22.66	22.85	22.98	24.27
GPRS (GMSK, 3-Slots)	26.91	26.98	26.91	28.90	22.49	22.56	22.49	24.48
GPRS (GMSK, 4-Slots)	25.49	25.48	25.59	27.40	22.31	22.30	22.41	24.22
EGPRS (8PSK, 1-Slot)	25.73	25.76	25.97	27.20	16.54	16.57	16.78	18.01
EGPRS (8PSK, 2-Slots)	24.28	23.18	23.54	24.40	18.15	17.05	17.41	18.27
EGPRS (8PSK, 3-Slots)	21.27	22.75	21.47	22.90	16.85	18.33	17.05	18.48
EGPRS (8PSK, 4-Slots)	20.42	20.60	21.30	21.40	17.24	17.42	18.12	18.22
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.37	29.47	29.38	30.10	20.18	20.28	20.19	20.91
GPRS (GMSK, 1-Slot)	29.37	29.47	29.31	30.10	20.18	20.28	20.12	20.91
GPRS (GMSK, 2-Slots)	26.94	27.11	27.10	27.60	20.81	20.98	20.97	21.47
GPRS (GMSK, 3-Slots)	24.89	25.07	25.07	26.10	20.47	20.65	20.95	21.68
GPRS (GMSK, 4-Slots)	23.61	23.81	23.85	24.60	20.43	20.63	20.67	21.42
EGPRS (8PSK, 1-Slot)	25.66	25.63	25.63	26.10	16.47	16.44	16.44	16.91
EGPRS (8PSK, 2-Slots)	22.51	23.24	22.56	23.60	16.38	17.11	16.43	17.47
EGPRS (8PSK, 3-Slots)	20.68	20.77	22.07	22.10	16.26	16.35	17.65	17.68
EGPRS (8PSK, 4-Slots)	20.33	20.47	20.41	20.60	17.15	17.29	17.23	17.42

GSM-State 1-Ant.0/2								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	31.30	31.47	31.60	32.90	22.11	22.28	22.41	23.71
GPRS (GMSK, 1-Slot)	31.20	31.37	31.50	32.90	22.01	22.18	22.31	23.71
GPRS (GMSK, 2-Slots)	28.79	28.98	29.11	30.40	22.66	22.85	22.98	24.27
GPRS (GMSK, 3-Slots)	26.91	26.98	26.91	28.90	22.49	22.56	22.49	24.48
GPRS (GMSK, 4-Slots)	25.49	25.48	25.59	27.40	22.31	22.30	22.41	24.22
EGPRS (8PSK, 1-Slot)	25.73	25.76	25.97	27.20	16.54	16.57	16.78	18.01
EGPRS (8PSK, 2-Slots)	24.28	23.18	23.54	24.40	18.15	17.05	17.41	18.27
EGPRS (8PSK, 3-Slots)	21.27	22.75	21.47	22.90	16.85	18.33	17.05	18.48
EGPRS (8PSK, 4-Slots)	20.42	20.60	21.30	21.40	17.24	17.42	18.12	18.22
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	28.75	28.95	29.03	29.10	19.56	19.76	19.84	19.91
GPRS (GMSK, 1-Slot)	28.72	28.98	29.24	29.10	19.53	19.79	20.05	19.91
GPRS (GMSK, 2-Slots)	24.69	24.60	24.99	26.60	18.56	18.47	18.86	20.47
GPRS (GMSK, 3-Slots)	23.10	23.12	23.12	25.10	18.71	18.70	18.98	20.68
GPRS (GMSK, 4-Slots)	21.61	21.69	21.86	23.60	18.43	18.51	18.68	20.42
EGPRS (8PSK, 1-Slot)	24.64	24.72	25.04	25.10	15.45	15.53	15.85	15.91
EGPRS (8PSK, 2-Slots)	20.60	20.81	20.77	22.60	14.47	14.68	14.64	16.47
EGPRS (8PSK, 3-Slots)	19.25	19.82	19.93	21.10	14.83	15.40	15.51	16.68
EGPRS (8PSK, 4-Slots)	18.22	18.79	19.03	19.60	15.04	15.61	15.85	16.42

GSM-State 3-Ant.0/2								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	31.30	31.47	31.60	32.90	22.11	22.28	22.41	23.71
GPRS (GMSK, 1-Slot)	31.20	31.37	31.50	32.90	22.01	22.18	22.31	23.71
GPRS (GMSK, 2-Slots)	28.79	28.98	29.11	30.40	22.66	22.85	22.98	24.27
GPRS (GMSK, 3-Slots)	26.91	26.98	26.91	28.90	22.49	22.56	22.49	24.48
GPRS (GMSK, 4-Slots)	25.49	25.48	25.59	27.40	22.31	22.30	22.41	24.22
EGPRS (8PSK, 1-Slot)	25.73	25.76	25.97	27.20	16.54	16.57	16.78	18.01
EGPRS (8PSK, 2-Slots)	24.28	23.18	23.54	24.40	18.15	17.05	17.41	18.27
EGPRS (8PSK, 3-Slots)	21.27	22.75	21.47	22.90	16.85	18.33	17.05	18.48
EGPRS (8PSK, 4-Slots)	20.42	20.60	21.30	21.40	17.24	17.42	18.12	18.22
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	26.52	26.87	27.20	27.60	19.22	19.41	19.65	18.41
GPRS (GMSK, 1-Slot)	26.59	26.84	27.10	27.60	19.22	19.39	19.62	18.41
GPRS (GMSK, 2-Slots)	23.42	23.62	24.01	25.10	18.47	18.66	19.21	18.97
GPRS (GMSK, 3-Slots)	21.63	21.65	21.65	23.60	18.45	18.63	18.88	19.18
GPRS (GMSK, 4-Slots)	20.19	20.41	20.74	22.10	18.05	18.32	18.66	18.92
EGPRS (8PSK, 1-Slot)	23.42	23.04	23.34	23.60	15.00	15.19	15.45	14.41
EGPRS (8PSK, 2-Slots)	19.36	19.55	20.06	21.10	13.95	13.96	14.07	14.97
EGPRS (8PSK, 3-Slots)	17.62	17.66	17.96	19.60	14.39	14.54	14.98	15.18
EGPRS (8PSK, 4-Slots)	16.64	16.77	17.50	18.10	14.89	15.34	15.38	14.92

8.3 WCDMA Output Power

WCDMA-Full Power-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.87	23.95	24.00	25.00
RMC 12.2Kbps	23.97	24.04	24.02	25.00
HSDPA Subtest-1	23.17	23.14	23.05	24.00
HSDPA Subtest-2	23.27	23.10	23.27	24.00
HSDPA Subtest-3	22.72	22.70	22.89	23.50
HSDPA Subtest-4	22.59	22.70	22.62	23.50
DC-HSDPA Subtest-1	23.09	23.04	23.25	24.00
DC-HSDPA Subtest-2	23.47	23.10	23.46	24.00
DC-HSDPA Subtest-3	22.84	22.90	23.06	23.50
DC-HSDPA Subtest-4	22.68	22.53	22.43	23.50
HSUPA Subtest-1	23.13	23.05	22.86	24.00
HSUPA Subtest-2	21.00	21.13	20.99	22.00
HSUPA Subtest-3	22.12	22.18	22.25	23.00
HSUPA Subtest-4	21.02	21.09	21.00	22.00
HSUPA Subtest-5	23.00	23.19	23.38	24.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.33	24.38	24.27	25.00
RMC 12.2Kbps	24.39	24.50	24.36	25.00
HSDPA Subtest-1	23.38	23.67	23.42	24.00
HSDPA Subtest-2	23.37	23.62	23.38	24.00
HSDPA Subtest-3	22.93	23.12	23.00	23.50
HSDPA Subtest-4	23.00	23.12	23.00	23.50
DC-HSDPA Subtest-1	23.45	23.80	23.30	24.00
DC-HSDPA Subtest-2	23.31	23.69	23.48	24.00
DC-HSDPA Subtest-3	22.76	22.93	23.08	23.50
DC-HSDPA Subtest-4	23.00	22.99	22.99	23.50
HSUPA Subtest-1	22.93	22.98	22.93	24.00
HSUPA Subtest-2	21.05	20.99	21.05	22.00
HSUPA Subtest-3	22.07	22.07	22.12	23.00
HSUPA Subtest-4	20.99	20.99	20.95	22.00
HSUPA Subtest-5	23.07	23.11	23.01	24.00

WCDMA-Full Power-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.08	24.28	24.21	25.00
RMC 12.2Kbps	24.21	24.36	24.27	25.00
HSDPA Subtest-1	23.09	23.36	23.26	24.00
HSDPA Subtest-2	23.28	23.42	23.34	24.00
HSDPA Subtest-3	22.75	22.92	22.86	23.50
HSDPA Subtest-4	22.76	22.93	22.87	23.50
DC-HSDPA Subtest-1	23.27	23.16	23.31	24.00
DC-HSDPA Subtest-2	23.22	23.39	23.49	24.00
DC-HSDPA Subtest-3	22.69	22.85	22.97	23.50
DC-HSDPA Subtest-4	22.63	22.96	22.85	23.50
HSUPA Subtest-1	22.91	22.99	22.94	24.00
HSUPA Subtest-2	20.99	21.11	21.09	22.00
HSUPA Subtest-3	21.97	22.15	22.09	23.00
HSUPA Subtest-4	21.00	20.94	20.96	22.00
HSUPA Subtest-5	23.02	23.18	22.96	24.00

WCDMA-State1-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.59	20.42	20.71	21.00
RMC 12.2Kbps	20.48	20.55	20.51	21.00
HSDPA Subtest-1	19.60	19.56	19.49	20.00
HSDPA Subtest-2	19.48	19.64	19.66	20.00
HSDPA Subtest-3	19.10	19.13	19.23	19.50
HSDPA Subtest-4	19.22	19.12	19.26	19.50
DC-HSDPA Subtest-1	19.45	19.51	19.40	20.00
DC-HSDPA Subtest-2	19.29	19.74	19.93	20.00
DC-HSDPA Subtest-3	18.95	19.19	19.39	19.50
DC-HSDPA Subtest-4	19.04	19.05	19.36	19.50
HSUPA Subtest-1	19.83	19.66	19.53	20.00
HSUPA Subtest-2	17.77	17.78	17.84	18.00
HSUPA Subtest-3	18.53	18.67	18.65	19.00
HSUPA Subtest-4	17.87	17.77	17.87	18.00
HSUPA Subtest-5	19.66	19.59	19.56	20.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	21.16	21.22	21.15	21.50
RMC 12.2Kbps	21.29	21.30	21.25	21.50
HSDPA Subtest-1	20.35	20.32	20.19	20.50
HSDPA Subtest-2	20.45	20.31	20.48	20.50
HSDPA Subtest-3	19.73	19.88	19.80	20.00
HSDPA Subtest-4	19.94	19.87	19.78	20.00
DC-HSDPA Subtest-1	20.34	20.48	20.18	20.50
DC-HSDPA Subtest-2	20.50	20.11	20.39	20.50
DC-HSDPA Subtest-3	19.77	19.83	19.66	20.00
DC-HSDPA Subtest-4	19.83	19.75	19.68	20.00
HSUPA Subtest-1	20.35	20.31	20.20	20.50
HSUPA Subtest-2	18.25	18.37	18.40	18.50
HSUPA Subtest-3	19.19	19.39	19.41	19.50
HSUPA Subtest-4	17.21	17.12	16.94	18.50
HSUPA Subtest-5	20.09	20.23	20.22	20.50

WCDMA-State1-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.42	23.75	23.59	24.50
RMC 12.2Kbps	23.56	23.78	23.67	24.50
HSDPA Subtest-1	22.62	22.72	22.67	23.50
HSDPA Subtest-2	22.90	22.76	22.76	23.50
HSDPA Subtest-3	22.43	22.34	22.19	23.00
HSDPA Subtest-4	22.09	22.29	22.36	23.00
DC-HSDPA Subtest-1	22.51	22.86	22.69	23.50
DC-HSDPA Subtest-2	22.70	22.60	22.67	23.50
DC-HSDPA Subtest-3	22.38	22.33	22.32	23.00
DC-HSDPA Subtest-4	22.00	22.41	22.34	23.00
HSUPA Subtest-1	22.59	22.78	22.92	23.50
HSUPA Subtest-2	21.11	20.97	20.89	21.50
HSUPA Subtest-3	21.77	21.93	21.87	22.50
HSUPA Subtest-4	20.75	20.94	21.12	21.50
HSUPA Subtest-5	22.93	22.74	22.58	23.50

WCDMA-State2-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	16.68	16.72	16.72	17.00
RMC 12.2Kbps	16.72	16.75	16.74	17.00
HSDPA Subtest-1	15.82	15.69	15.71	16.00
HSDPA Subtest-2	15.87	15.76	15.92	16.00
HSDPA Subtest-3	15.43	15.25	15.15	15.50
HSDPA Subtest-4	15.26	15.24	15.40	15.50
DC-HSDPA Subtest-1	15.85	15.81	15.70	16.00
DC-HSDPA Subtest-2	15.87	15.78	15.99	16.00
DC-HSDPA Subtest-3	15.30	15.08	15.15	15.50
DC-HSDPA Subtest-4	15.07	15.42	15.39	15.50
HSUPA Subtest-1	15.71	15.76	15.93	16.00
HSUPA Subtest-2	13.50	13.70	13.85	14.00
HSUPA Subtest-3	14.87	14.68	14.84	15.00
HSUPA Subtest-4	13.68	13.69	13.86	14.00
HSUPA Subtest-5	15.83	15.77	15.58	16.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.83	17.80	17.79	18.00
RMC 12.2Kbps	17.81	17.84	17.82	18.00
HSDPA Subtest-1	16.97	16.86	16.80	17.00
HSDPA Subtest-2	16.94	16.86	16.77	17.00
HSDPA Subtest-3	16.20	16.32	16.13	16.50
HSDPA Subtest-4	16.48	16.41	16.46	16.50
DC-HSDPA Subtest-1	16.96	16.98	16.88	17.00
DC-HSDPA Subtest-2	16.75	16.68	16.78	17.00
DC-HSDPA Subtest-3	16.10	16.28	16.03	16.50
DC-HSDPA Subtest-4	16.50	16.44	16.49	16.50
HSUPA Subtest-1	16.72	16.87	16.82	17.00
HSUPA Subtest-2	14.54	14.73	14.90	15.00
HSUPA Subtest-3	15.98	15.84	15.80	16.00
HSUPA Subtest-4	14.83	14.73	14.92	15.00
HSUPA Subtest-5	16.59	16.76	16.70	17.00

WCDMA-State2-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.53	22.64	22.59	23.50
RMC 12.2Kbps	22.64	22.75	22.71	23.50
HSDPA Subtest-1	21.62	21.75	21.86	22.50
HSDPA Subtest-2	21.88	21.89	21.74	22.50
HSDPA Subtest-3	21.54	21.36	21.56	22.00
HSDPA Subtest-4	21.49	21.42	21.22	22.00
DC-HSDPA Subtest-1	21.43	21.77	21.89	22.50
DC-HSDPA Subtest-2	21.70	21.80	21.90	22.50
DC-HSDPA Subtest-3	21.54	21.23	21.75	22.00
DC-HSDPA Subtest-4	21.42	21.61	21.05	22.00
HSUPA Subtest-1	22.00	21.85	21.82	22.50
HSUPA Subtest-2	19.81	19.76	19.78	20.50
HSUPA Subtest-3	20.83	20.95	20.93	21.50
HSUPA Subtest-4	19.67	19.82	19.70	20.50
HSUPA Subtest-5	21.82	21.83	21.67	22.50

WCDMA-State3-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.06	19.04	19.24	19.50
RMC 12.2Kbps	19.04	19.05	19.03	19.50
HSDPA Subtest-1	18.14	18.16	18.33	18.50
HSDPA Subtest-2	18.32	18.14	18.23	18.50
HSDPA Subtest-3	17.90	17.74	17.81	18.00
HSDPA Subtest-4	17.69	17.72	17.77	18.00
DC-HSDPA Subtest-1	18.21	18.26	18.47	18.50
DC-HSDPA Subtest-2	18.43	18.06	18.09	18.50
DC-HSDPA Subtest-3	17.85	17.83	17.84	18.00
DC-HSDPA Subtest-4	17.75	17.52	17.90	18.00
HSUPA Subtest-1	17.95	18.14	18.18	18.50
HSUPA Subtest-2	16.16	16.27	16.23	16.50
HSUPA Subtest-3	17.46	17.26	17.38	17.50
HSUPA Subtest-4	16.08	16.26	16.06	16.50
HSUPA Subtest-5	18.00	18.17	18.06	18.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.67	19.70	19.60	20.00
RMC 12.2Kbps	19.78	19.79	19.75	20.00
HSDPA Subtest-1	18.60	18.80	18.60	19.00
HSDPA Subtest-2	18.87	18.82	18.91	19.00
HSDPA Subtest-3	18.25	18.35	18.27	18.50
HSDPA Subtest-4	18.48	18.35	18.15	18.50
DC-HSDPA Subtest-1	18.50	18.86	18.65	19.00
DC-HSDPA Subtest-2	18.85	18.92	18.96	19.00
DC-HSDPA Subtest-3	18.08	18.47	18.15	18.50
DC-HSDPA Subtest-4	18.44	18.34	18.08	18.50
HSUPA Subtest-1	18.85	18.69	18.59	19.00
HSUPA Subtest-2	16.87	16.85	16.93	17.00
HSUPA Subtest-3	17.91	17.87	17.69	18.00
HSUPA Subtest-4	16.98	16.85	16.69	17.00
HSUPA Subtest-5	18.91	18.81	18.94	19.00

WCDMA-State3-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.08	22.17	22.25	23.00
RMC 12.2Kbps	22.22	22.32	22.32	23.00
HSDPA Subtest-1	21.17	21.36	21.50	22.00
HSDPA Subtest-2	21.30	21.42	21.33	22.00
HSDPA Subtest-3	20.84	20.99	21.09	21.50
HSDPA Subtest-4	21.12	20.94	20.77	21.50
DC-HSDPA Subtest-1	21.14	21.46	21.60	22.00
DC-HSDPA Subtest-2	21.24	21.54	21.15	22.00
DC-HSDPA Subtest-3	20.73	21.09	21.11	21.50
DC-HSDPA Subtest-4	21.02	21.09	20.62	21.50
HSUPA Subtest-1	21.40	21.43	21.44	22.00
HSUPA Subtest-2	19.29	19.38	19.50	20.00
HSUPA Subtest-3	20.27	20.38	20.30	21.00
HSUPA Subtest-4	19.19	19.35	19.22	20.00
HSUPA Subtest-5	21.50	21.37	21.46	22.00

WCDMA-State4-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	16.16	16.17	16.39	16.50
RMC 12.2Kbps	16.26	16.27	16.25	16.50
HSDPA Subtest-1	15.26	15.10	15.06	15.50
HSDPA Subtest-2	15.16	15.08	15.08	15.50
HSDPA Subtest-3	14.67	14.57	14.59	15.00
HSDPA Subtest-4	14.64	14.56	14.66	15.00
DC-HSDPA Subtest-1	15.34	14.90	15.01	15.50
DC-HSDPA Subtest-2	15.33	14.96	15.23	15.50
DC-HSDPA Subtest-3	14.57	14.66	14.59	15.00
DC-HSDPA Subtest-4	14.82	14.60	14.67	15.00
HSUPA Subtest-1	15.01	15.08	15.07	15.50
HSUPA Subtest-2	13.27	13.12	13.10	13.50
HSUPA Subtest-3	14.04	14.11	14.12	14.50
HSUPA Subtest-4	13.02	13.22	13.42	13.50
HSUPA Subtest-5	15.30	15.10	14.97	15.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.30	17.27	17.25	17.50
RMC 12.2Kbps	17.36	17.38	17.36	17.50
HSDPA Subtest-1	16.48	16.29	16.35	16.50
HSDPA Subtest-2	16.27	16.39	16.43	16.50
HSDPA Subtest-3	15.86	15.87	15.89	16.00
HSDPA Subtest-4	15.86	15.86	15.83	16.00
DC-HSDPA Subtest-1	16.42	16.48	16.46	16.50
DC-HSDPA Subtest-2	16.27	16.39	16.46	16.50
DC-HSDPA Subtest-3	15.93	15.96	15.91	16.00
DC-HSDPA Subtest-4	15.86	15.72	15.98	16.00
HSUPA Subtest-1	16.19	16.29	16.38	16.50
HSUPA Subtest-2	14.32	14.27	14.33	14.50
HSUPA Subtest-3	15.18	15.26	15.12	15.50
HSUPA Subtest-4	14.07	14.27	14.41	14.50
HSUPA Subtest-5	16.32	16.28	16.34	16.50

WCDMA-State4-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.13	22.25	22.30	23.00
RMC 12.2Kbps	22.22	22.32	22.32	23.00
HSDPA Subtest-1	21.54	21.36	21.22	22.00
HSDPA Subtest-2	21.25	21.42	21.45	22.00
HSDPA Subtest-3	20.80	20.99	20.82	21.50
HSDPA Subtest-4	21.03	20.94	20.79	21.50
DC-HSDPA Subtest-1	21.54	21.23	21.27	22.00
DC-HSDPA Subtest-2	21.30	21.39	21.36	22.00
DC-HSDPA Subtest-3	20.69	21.07	20.90	21.50
DC-HSDPA Subtest-4	21.08	21.11	20.91	21.50
HSUPA Subtest-1	21.34	21.43	21.26	22.00
HSUPA Subtest-2	19.50	19.38	19.29	20.00
HSUPA Subtest-3	20.52	20.38	20.30	21.00
HSUPA Subtest-4	19.39	19.35	19.21	20.00
HSUPA Subtest-5	21.50	21.37	21.18	22.00

8.3 WCDMA Output Power

WCDMA-Full Power-Ant.2				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.92	24.08	24.05	24.40
RMC 12.2Kbps	24.03	24.18	24.06	24.40
HSDPA Subtest-1	23.19	23.23	23.37	23.40
HSDPA Subtest-2	23.24	23.25	23.32	23.40
HSDPA Subtest-3	22.83	22.76	22.84	22.90
HSDPA Subtest-4	22.80	22.76	22.84	22.90
DC-HSDPA Subtest-1	23.06	23.09	23.36	23.40
DC-HSDPA Subtest-2	23.35	23.11	23.22	23.40
DC-HSDPA Subtest-3	22.70	22.86	22.75	22.90
DC-HSDPA Subtest-4	22.77	22.87	22.82	22.90
HSUPA Subtest-1	22.99	23.02	22.91	23.40
HSUPA Subtest-2	20.98	21.12	21.10	21.40
HSUPA Subtest-3	21.98	22.12	22.11	22.40
HSUPA Subtest-4	20.90	20.94	20.91	21.40
HSUPA Subtest-5	23.13	23.17	23.01	23.40
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.34	24.34	24.30	24.40
RMC 12.2Kbps	24.38	24.39	24.34	24.40
HSDPA Subtest-1	23.39	23.40	23.29	23.40
HSDPA Subtest-2	23.33	23.35	23.34	23.40
HSDPA Subtest-3	22.89	22.86	22.86	22.90
HSDPA Subtest-4	22.86	22.86	22.85	22.90
DC-HSDPA Subtest-1	23.32	23.37	23.32	23.40
DC-HSDPA Subtest-2	23.37	23.26	23.25	23.40
DC-HSDPA Subtest-3	22.69	22.81	22.82	22.90
DC-HSDPA Subtest-4	22.83	22.89	22.89	22.90
HSUPA Subtest-1	22.98	22.90	22.91	23.40
HSUPA Subtest-2	21.05	21.01	21.01	21.40
HSUPA Subtest-3	22.11	22.04	22.14	22.40
HSUPA Subtest-4	20.98	20.99	20.96	21.40
HSUPA Subtest-5	23.14	23.13	23.06	23.40

WCDMA-Full Power-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.97	23.98	23.95	24.20
RMC 12.2Kbps	23.99	24.05	23.99	24.20
HSDPA Subtest-1	22.86	23.09	22.96	23.20
HSDPA Subtest-2	23.07	23.14	23.15	23.20
HSDPA Subtest-3	22.53	22.65	22.67	22.70
HSDPA Subtest-4	22.60	22.65	22.68	22.70
DC-HSDPA Subtest-1	22.93	23.18	22.79	23.20
DC-HSDPA Subtest-2	22.88	23.20	23.14	23.20
DC-HSDPA Subtest-3	22.54	22.60	22.68	22.70
DC-HSDPA Subtest-4	22.47	22.65	22.66	22.70
HSUPA Subtest-1	22.98	22.97	23.00	23.20
HSUPA Subtest-2	21.00	21.05	21.08	21.20
HSUPA Subtest-3	22.03	22.16	22.08	22.20
HSUPA Subtest-4	20.88	21.00	20.91	21.20
HSUPA Subtest-5	23.07	23.14	23.09	23.20

WCDMA-State2&4-Ant.2				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.92	24.08	24.05	24.40
RMC 12.2Kbps	24.03	24.18	24.06	24.40
HSDPA Subtest-1	23.19	23.23	23.37	23.40
HSDPA Subtest-2	23.24	23.25	23.32	23.40
HSDPA Subtest-3	22.83	22.76	22.84	22.90
HSDPA Subtest-4	22.80	22.76	22.84	22.90
DC-HSDPA Subtest-1	23.06	23.09	23.36	23.40
DC-HSDPA Subtest-2	23.35	23.11	23.22	23.40
DC-HSDPA Subtest-3	22.70	22.86	22.75	22.90
DC-HSDPA Subtest-4	22.77	22.87	22.82	22.90
HSUPA Subtest-1	22.99	23.02	22.91	23.40
HSUPA Subtest-2	20.98	21.12	21.10	21.40
HSUPA Subtest-3	21.98	22.12	22.11	22.40
HSUPA Subtest-4	20.90	20.94	20.91	21.40
HSUPA Subtest-5	23.13	23.17	23.01	23.40
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.34	24.34	24.30	24.40
RMC 12.2Kbps	24.38	24.39	24.34	24.40
HSDPA Subtest-1	23.39	23.40	23.29	23.40
HSDPA Subtest-2	23.33	23.35	23.34	23.40
HSDPA Subtest-3	22.89	22.86	22.86	22.90
HSDPA Subtest-4	22.86	22.86	22.85	22.90
DC-HSDPA Subtest-1	23.32	23.37	23.32	23.40
DC-HSDPA Subtest-2	23.37	23.26	23.25	23.40
DC-HSDPA Subtest-3	22.69	22.81	22.82	22.90
DC-HSDPA Subtest-4	22.83	22.89	22.89	22.90
HSUPA Subtest-1	22.98	22.90	22.91	23.40
HSUPA Subtest-2	21.05	21.01	21.01	21.40
HSUPA Subtest-3	22.11	22.04	22.14	22.40
HSUPA Subtest-4	20.98	20.99	20.96	21.40
HSUPA Subtest-5	23.14	23.13	23.06	23.40

WCDMA-State2&4-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.97	23.98	23.95	24.20
RMC 12.2Kbps	23.99	24.05	23.99	24.20
HSDPA Subtest-1	22.86	23.09	22.96	23.20
HSDPA Subtest-2	23.07	23.14	23.15	23.20
HSDPA Subtest-3	22.53	22.65	22.67	22.70
HSDPA Subtest-4	22.60	22.65	22.68	22.70
DC-HSDPA Subtest-1	22.93	23.18	22.79	23.20
DC-HSDPA Subtest-2	22.88	23.20	23.14	23.20
DC-HSDPA Subtest-3	22.54	22.60	22.68	22.70
DC-HSDPA Subtest-4	22.47	22.65	22.66	22.70
HSUPA Subtest-1	22.98	22.97	23.00	23.20
HSUPA Subtest-2	21.00	21.05	21.08	21.20
HSUPA Subtest-3	22.03	22.16	22.08	22.20
HSUPA Subtest-4	20.88	21.00	20.91	21.20
HSUPA Subtest-5	23.07	23.14	23.09	23.20

WCDMA-State1-Ant.2				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.30	19.38	19.31	19.40
RMC 12.2Kbps	19.35	19.39	19.34	19.40
HSDPA Subtest-1	18.38	18.40	18.31	18.40
HSDPA Subtest-2	18.40	18.39	18.38	18.40
HSDPA Subtest-3	17.85	17.88	17.87	17.90
HSDPA Subtest-4	17.86	17.86	17.83	17.90
DC-HSDPA Subtest-1	18.32	18.36	18.36	18.40
DC-HSDPA Subtest-2	18.37	18.34	18.36	18.40
DC-HSDPA Subtest-3	17.88	17.88	17.81	17.90
DC-HSDPA Subtest-4	17.88	17.87	17.81	17.90
HSUPA Subtest-1	18.36	18.39	18.38	18.40
HSUPA Subtest-2	16.38	16.31	16.33	16.40
HSUPA Subtest-3	17.33	17.40	17.37	17.40
HSUPA Subtest-4	16.34	16.39	16.39	16.40
HSUPA Subtest-5	18.39	18.32	18.36	18.40
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.36	20.36	20.31	20.40
RMC 12.2Kbps	20.32	20.37	20.33	20.40
HSDPA Subtest-1	19.31	19.38	19.38	19.40
HSDPA Subtest-2	19.28	19.36	19.31	19.40
HSDPA Subtest-3	18.90	18.83	18.73	18.90
HSDPA Subtest-4	18.82	18.81	18.85	18.90
DC-HSDPA Subtest-1	19.33	19.38	19.35	19.40
DC-HSDPA Subtest-2	19.29	19.31	19.39	19.40
DC-HSDPA Subtest-3	18.87	18.90	18.87	18.90
DC-HSDPA Subtest-4	18.82	18.73	18.81	18.90
HSUPA Subtest-1	19.32	19.37	19.38	19.40
HSUPA Subtest-2	17.27	17.32	17.25	17.40
HSUPA Subtest-3	18.24	18.34	18.37	18.40
HSUPA Subtest-4	17.37	17.31	17.30	17.40
HSUPA Subtest-5	19.32	19.40	19.34	19.40

WCDMA-State1-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.97	23.98	23.95	24.20
RMC 12.2Kbps	23.99	24.05	23.99	24.20
HSDPA Subtest-1	22.86	23.09	22.96	23.20
HSDPA Subtest-2	23.07	23.14	23.15	23.20
HSDPA Subtest-3	22.53	22.65	22.67	22.70
HSDPA Subtest-4	22.60	22.65	22.68	22.70
DC-HSDPA Subtest-1	22.93	23.18	22.79	23.20
DC-HSDPA Subtest-2	22.88	23.20	23.14	23.20
DC-HSDPA Subtest-3	22.54	22.60	22.68	22.70
DC-HSDPA Subtest-4	22.47	22.65	22.66	22.70
HSUPA Subtest-1	22.98	22.97	23.00	23.20
HSUPA Subtest-2	21.00	21.05	21.08	21.20
HSUPA Subtest-3	22.03	22.16	22.08	22.20
HSUPA Subtest-4	20.88	21.00	20.91	21.20
HSUPA Subtest-5	23.07	23.14	23.09	23.20

WCDMA-State3-Ant.2				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	17.89	17.72	17.86	17.90
RMC 12.2Kbps	17.79	17.86	17.84	17.90
HSDPA Subtest-1	16.87	16.87	16.81	16.90
HSDPA Subtest-2	16.88	16.86	16.81	16.90
HSDPA Subtest-3	16.36	16.35	16.39	16.40
HSDPA Subtest-4	16.39	16.33	16.35	16.40
DC-HSDPA Subtest-1	16.78	16.90	16.87	16.90
DC-HSDPA Subtest-2	16.87	16.77	16.82	16.90
DC-HSDPA Subtest-3	16.31	16.37	16.39	16.40
DC-HSDPA Subtest-4	16.39	16.38	16.31	16.40
HSUPA Subtest-1	16.85	16.86	16.85	16.90
HSUPA Subtest-2	14.84	14.88	14.83	14.90
HSUPA Subtest-3	15.85	15.88	15.88	15.90
HSUPA Subtest-4	14.86	14.87	14.84	14.90
HSUPA Subtest-5	16.79	16.87	16.87	16.90
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	18.84	18.85	18.83	18.90
RMC 12.2Kbps	18.86	18.87	18.81	18.90
HSDPA Subtest-1	17.82	17.87	17.86	17.90
HSDPA Subtest-2	17.83	17.86	17.68	17.90
HSDPA Subtest-3	17.34	17.35	17.33	17.40
HSDPA Subtest-4	17.32	17.34	17.32	17.40
DC-HSDPA Subtest-1	17.85	17.78	17.86	17.90
DC-HSDPA Subtest-2	17.82	17.84	17.84	17.90
DC-HSDPA Subtest-3	17.38	17.34	17.39	17.40
DC-HSDPA Subtest-4	17.31	17.38	17.33	17.40
HSUPA Subtest-1	17.88	17.87	17.78	17.90
HSUPA Subtest-2	15.84	15.81	15.89	15.90
HSUPA Subtest-3	16.82	16.84	16.88	16.90
HSUPA Subtest-4	15.86	15.83	15.73	15.90
HSUPA Subtest-5	17.88	17.88	17.78	17.90

WCDMA-State3-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.97	23.98	23.95	24.20
RMC 12.2Kbps	23.99	24.05	23.99	24.20
HSDPA Subtest-1	22.86	23.09	22.96	23.20
HSDPA Subtest-2	23.07	23.14	23.15	23.20
HSDPA Subtest-3	22.53	22.65	22.67	22.70
HSDPA Subtest-4	22.60	22.65	22.68	22.70
DC-HSDPA Subtest-1	22.93	23.18	22.79	23.20
DC-HSDPA Subtest-2	22.88	23.20	23.14	23.20
DC-HSDPA Subtest-3	22.54	22.60	22.68	22.70
DC-HSDPA Subtest-4	22.47	22.65	22.66	22.70
HSUPA Subtest-1	22.98	22.97	23.00	23.20
HSUPA Subtest-2	21.00	21.05	21.08	21.20
HSUPA Subtest-3	22.03	22.16	22.08	22.20
HSUPA Subtest-4	20.88	21.00	20.91	21.20
HSUPA Subtest-5	23.07	23.14	23.09	23.20

8.4.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.18	24.10	24.08	25.00
		MID	QPSK	24.22	24.14	23.99	25.00
		HIGH	QPSK	23.84	24.08	24.25	25.00
	3	LOW	QPSK	24.12	24.15	23.98	25.00
		MID	QPSK	24.20	23.97	24.02	25.00
		HIGH	QPSK	23.87	23.89	24.12	25.00
	6	LOW	QPSK	23.06	23.13	23.62	24.00
	1.4	LOW	Q16	23.09	23.43	23.09	24.00
		MID	Q16	23.35	23.59	23.53	24.00
		HIGH	Q16	22.65	23.03	22.90	24.00
		LOW	Q16	23.14	23.51	23.26	24.00
		MID	Q16	23.50	23.60	23.58	24.00
		HIGH	Q16	22.76	23.00	23.17	24.00
1.4	6	LOW	Q16	22.12	22.21	22.46	23.00
	1	LOW	64QAM	22.03	22.28	22.16	23.00
		MID	64QAM	22.28	22.53	22.63	23.00
		HIGH	64QAM	21.70	22.00	21.88	23.00
	3	LOW	64QAM	22.21	22.60	22.26	23.00
		MID	64QAM	22.46	22.54	22.52	23.00
		HIGH	64QAM	21.62	22.08	22.08	23.00
	6	LOW	64QAM	21.22	21.24	21.33	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.04	24.10	24.00	25.00
		MID	QPSK	24.10	24.16	23.95	25.00
		HIGH	QPSK	23.91	24.07	24.21	25.00
	8	LOW	QPSK	23.08	23.02	23.57	24.00
		MID	QPSK	23.04	23.13	23.62	24.00
		HIGH	QPSK	23.15	23.08	23.53	24.00
	15	LOW	QPSK	23.04	23.33	23.65	24.00
	3	LOW	Q16	23.25	23.48	23.10	24.00
		MID	Q16	23.53	23.66	23.46	24.00
		HIGH	Q16	22.63	22.94	22.98	24.00
		LOW	Q16	22.31	22.17	22.35	23.00
		MID	Q16	22.36	22.37	22.47	23.00
		HIGH	Q16	22.26	22.40	22.48	23.00
3	15	LOW	Q16	22.25	22.06	22.48	23.00
	1	LOW	64QAM	22.18	22.51	22.33	23.00
		MID	64QAM	22.29	22.40	22.76	23.00
		HIGH	64QAM	21.44	22.04	22.19	23.00
	8	LOW	64QAM	21.27	21.09	21.57	22.00
		MID	64QAM	21.19	21.27	21.54	22.00
		HIGH	64QAM	21.16	21.38	21.53	22.00
	15	LOW	64QAM	21.43	20.96	21.55	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.02	24.06	24.06	25.00
		MID	QPSK	24.24	24.07	24.08	25.00
		HIGH	QPSK	23.69	24.05	24.10	25.00
	12	LOW	QPSK	23.04	23.19	23.62	24.00
		MID	QPSK	23.18	23.38	23.57	24.00
		HIGH	QPSK	23.12	23.28	23.34	24.00
	25	LOW	QPSK	23.23	23.24	23.49	24.00
	5	LOW	Q16	23.31	23.37	23.11	24.00
		MID	Q16	23.33	23.68	23.64	24.00
		HIGH	Q16	22.58	23.10	22.92	24.00
		LOW	Q16	22.14	22.01	22.58	23.00
		MID	Q16	22.13	22.54	22.50	23.00
		HIGH	Q16	22.24	22.17	22.34	23.00
5	25	LOW	Q16	22.22	22.12	22.45	23.00
	1	LOW	64QAM	22.02	22.55	22.43	23.00
		MID	64QAM	22.35	22.54	22.77	23.00
		HIGH	64QAM	21.52	21.79	22.17	23.00
	12	LOW	64QAM	21.22	21.24	21.49	22.00
		MID	64QAM	21.22	21.42	21.62	22.00
		HIGH	64QAM	21.17	21.09	21.27	22.00
	25	LOW	64QAM	21.17	21.07	21.56	22.00

LTE B2-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.08	24.09	23.94	25.00
		MID	QPSK	24.14	24.20	23.92	25.00
		HIGH	QPSK	23.88	23.92	23.96	25.00
	25	LOW	QPSK	22.95	23.28	23.45	24.00
		MID	QPSK	23.09	23.37	23.53	24.00
		HIGH	QPSK	23.22	23.05	23.32	24.00
	50	LOW	QPSK	22.99	23.06	23.68	24.00
10	1	LOW	Q16	23.33	23.52	23.05	24.00
		MID	Q16	23.56	23.65	23.48	24.00
		HIGH	Q16	22.69	22.88	23.01	24.00
	25	LOW	Q16	22.14	22.27	22.48	23.00
		MID	Q16	22.28	22.29	22.57	23.00
		HIGH	Q16	22.17	22.29	22.53	23.00
	50	LOW	Q16	22.20	22.14	22.53	23.00
10	1	LOW	64QAM	22.13	22.44	22.42	23.00
		MID	64QAM	22.44	22.63	22.60	23.00
		HIGH	64QAM	21.57	21.96	22.25	23.00
	25	LOW	64QAM	21.23	21.33	21.63	22.00
		MID	64QAM	21.28	21.27	21.51	22.00
		HIGH	64QAM	21.03	21.29	21.46	22.00
	50	LOW	64QAM	21.34	21.19	21.61	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.08	24.23	24.05	25.00
		MID	QPSK	24.06	24.17	23.97	25.00
		HIGH	QPSK	23.85	24.18	24.19	25.00
	36	LOW	QPSK	23.00	23.04	23.54	24.00
		MID	QPSK	23.07	23.28	23.42	24.00
		HIGH	QPSK	23.16	23.09	23.56	24.00
	75	LOW	QPSK	22.99	23.28	23.45	24.00
15	1	LOW	Q16	23.09	23.41	23.07	24.00
		MID	Q16	23.39	23.68	23.56	24.00
		HIGH	Q16	22.67	23.08	23.15	24.00
	36	LOW	Q16	22.33	22.21	22.34	23.00
		MID	Q16	22.16	22.44	22.55	23.00
		HIGH	Q16	22.40	22.29	22.44	23.00
	75	LOW	Q16	22.24	22.12	22.56	23.00
15	1	LOW	64QAM	21.98	22.62	22.31	23.00
		MID	64QAM	22.54	22.49	22.69	23.00
		HIGH	64QAM	21.70	22.06	22.21	23.00
	36	LOW	64QAM	21.26	21.18	21.71	22.00
		MID	64QAM	21.06	21.39	21.54	22.00
		HIGH	64QAM	21.21	21.09	21.47	22.00
	75	LOW	64QAM	21.16	21.01	21.52	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.04	24.16	24.08	25.00
		MID	QPSK	24.15	24.07	24.04	25.00
		HIGH	QPSK	23.79	24.04	24.10	25.00
	50	LOW	QPSK	23.06	23.13	23.47	24.00
		MID	QPSK	23.11	23.24	23.52	24.00
		HIGH	QPSK	23.09	23.20	23.47	24.00
	100	LOW	QPSK	23.11	23.19	23.54	24.00
20	1	LOW	Q16	23.18	23.44	23.19	24.00
		MID	Q16	23.44	23.58	23.61	24.00
		HIGH	Q16	22.69	22.99	23.02	24.00
	50	LOW	Q16	22.21	22.15	22.48	23.00
		MID	Q16	22.28	22.40	22.49	23.00
		HIGH	Q16	22.26	22.28	22.44	23.00
	100	LOW	Q16	22.20	22.16	22.49	23.00
20	1	LOW	64QAM	22.03	22.48	22.31	23.00
		MID	64QAM	22.43	22.51	22.66	23.00
		HIGH	64QAM	21.56	21.93	22.16	23.00
	50	LOW	64QAM	21.23	21.22	21.59	22.00
		MID	64QAM	21.13	21.29	21.58	22.00
		HIGH	64QAM	21.12	21.24	21.39	22.00
	100	LOW	64QAM	21.29	21.09	21.56	22.00

LTE B2-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.30	20.81	20.85	21.00
		MID	QPSK	20.84	20.86	20.95	21.00
		HIGH	QPSK	20.69	20.98	20.69	21.00
	3	LOW	QPSK	20.39	20.94	20.82	21.00
		MID	QPSK	20.86	20.91	20.82	21.00
		HIGH	QPSK	20.54	20.91	20.72	21.00
	6	LOW	QPSK	20.67	20.81	20.89	21.00
	1.4	LOW	Q16	20.98	20.92	20.87	21.00
		MID	Q16	20.80	20.91	20.70	21.00
		HIGH	Q16	20.56	20.11	20.60	21.00
		LOW	Q16	20.86	20.89	20.63	21.00
		MID	Q16	20.81	20.74	20.69	21.00
		HIGH	Q16	20.34	20.04	20.64	21.00
1.4	6	LOW	Q16	20.78	20.86	20.97	21.00
	1	LOW	64QAM	20.90	20.91	20.85	21.00
		MID	64QAM	20.74	20.91	20.68	21.00
		HIGH	64QAM	20.44	20.14	20.56	21.00
	3	LOW	64QAM	20.72	20.81	20.64	21.00
		MID	64QAM	20.77	20.71	20.68	21.00
		HIGH	64QAM	20.28	20.04	20.59	21.00
	6	LOW	64QAM	20.67	20.78	20.88	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.44	20.89	20.65	21.00
		MID	QPSK	20.78	20.95	20.99	21.00
		HIGH	QPSK	20.52	20.87	20.67	21.00
	8	LOW	QPSK	20.69	20.83	20.93	21.00
		MID	QPSK	20.85	20.81	20.86	21.00
		HIGH	QPSK	20.66	20.81	20.99	21.00
	15	LOW	QPSK	20.70	20.80	21.00	21.00
	3	LOW	Q16	20.80	20.88	20.69	21.00
		MID	Q16	20.88	20.98	20.85	21.00
		HIGH	Q16	20.48	19.91	20.71	21.00
		LOW	Q16	20.80	20.91	20.82	21.00
		MID	Q16	20.93	20.99	20.96	21.00
		HIGH	Q16	20.78	20.70	20.99	21.00
3	15	LOW	Q16	20.91	20.79	20.91	21.00
	1	LOW	64QAM	21.00	20.91	20.87	21.00
		MID	64QAM	20.80	20.62	20.75	21.00
		HIGH	64QAM	20.49	20.22	20.45	21.00
	8	LOW	64QAM	20.86	20.96	20.97	21.00
		MID	64QAM	20.88	20.91	20.84	21.00
		HIGH	64QAM	20.66	20.81	20.96	21.00
	15	LOW	64QAM	20.74	20.90	20.91	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.56	20.95	20.88	21.00
		MID	QPSK	20.88	20.87	20.91	21.00
		HIGH	QPSK	20.50	20.88	20.74	21.00
	12	LOW	QPSK	20.84	20.91	20.90	21.00
		MID	QPSK	20.62	20.77	20.78	21.00
		HIGH	QPSK	20.78	20.79	20.84	21.00
	25	LOW	QPSK	20.69	20.80	20.83	21.00
	5	LOW	Q16	20.85	20.90	20.67	21.00
		MID	Q16	20.84	20.81	20.71	21.00
		HIGH	Q16	20.34	19.95	20.52	21.00
		LOW	Q16	20.96	20.89	20.79	21.00
		MID	Q16	20.91	20.83	20.90	21.00
		HIGH	Q16	20.80	20.78	20.95	21.00
5	25	LOW	Q16	20.75	20.82	21.00	21.00
	1	LOW	64QAM	20.84	20.84	20.96	21.00
		MID	64QAM	20.89	20.68	20.90	21.00
		HIGH	64QAM	20.62	20.18	20.55	21.00
	12	LOW	64QAM	20.86	20.74	20.84	21.00
		MID	64QAM	20.77	20.94	20.99	21.00
		HIGH	64QAM	20.63	20.69	21.00	21.00
	25	LOW	64QAM	20.85	20.80	20.99	21.00

LTE B2-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.47	20.69	20.73	21.00
		MID	QPSK	20.79	20.95	20.78	21.00
		HIGH	QPSK	20.61	20.92	20.68	21.00
	25	LOW	QPSK	20.83	20.91	20.88	21.00
		MID	QPSK	20.90	20.67	20.81	21.00
		HIGH	QPSK	20.94	20.92	20.92	21.00
	50	LOW	QPSK	20.85	20.92	20.79	21.00
10	1	LOW	Q16	20.98	20.88	20.75	21.00
		MID	Q16	20.83	20.93	20.81	21.00
		HIGH	Q16	20.58	20.08	20.48	21.00
	25	LOW	Q16	20.98	20.78	20.76	21.00
		MID	Q16	21.00	20.98	20.98	21.00
		HIGH	Q16	20.68	20.69	20.87	21.00
	50	LOW	Q16	20.77	20.88	20.80	21.00
10	1	LOW	64QAM	20.89	20.94	20.71	21.00
		MID	64QAM	20.88	20.73	20.91	21.00
		HIGH	64QAM	20.44	20.02	20.41	21.00
	25	LOW	64QAM	20.68	20.80	20.87	21.00
		MID	64QAM	20.96	20.79	20.73	21.00
		HIGH	64QAM	20.62	20.74	20.87	21.00
	50	LOW	64QAM	20.70	20.96	20.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.54	20.75	20.72	21.00
		MID	QPSK	20.90	20.99	20.89	21.00
		HIGH	QPSK	20.50	20.88	20.65	21.00
	36	LOW	QPSK	20.92	20.69	20.92	21.00
		MID	QPSK	20.66	20.72	20.89	21.00
		HIGH	QPSK	20.65	20.86	20.96	21.00
	75	LOW	QPSK	20.63	20.93	20.99	21.00
15	1	LOW	Q16	20.93	20.97	20.69	21.00
		MID	Q16	21.00	20.76	20.76	21.00
		HIGH	Q16	20.43	20.00	20.53	21.00
	36	LOW	Q16	20.97	20.91	20.77	21.00
		MID	Q16	20.80	20.85	20.86	21.00
		HIGH	Q16	20.82	20.83	20.82	21.00
	75	LOW	Q16	20.88	21.00	20.87	21.00
15	1	LOW	64QAM	20.99	20.96	20.68	21.00
		MID	64QAM	20.82	20.80	20.72	21.00
		HIGH	64QAM	20.55	20.17	20.65	21.00
	36	LOW	64QAM	20.84	20.90	20.77	21.00
		MID	64QAM	20.96	20.98	20.75	21.00
		HIGH	64QAM	20.58	20.69	20.96	21.00
	75	LOW	64QAM	20.71	20.90	20.92	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.45	20.83	20.78	21.00
		MID	QPSK	20.82	20.78	20.79	21.00
		HIGH	QPSK	20.58	20.80	20.79	21.00
	50	LOW	QPSK	20.77	20.79	20.76	21.00
		MID	QPSK	20.77	20.78	20.82	21.00
		HIGH	QPSK	20.78	20.72	20.79	21.00
	100	LOW	QPSK	20.76	20.85	20.93	21.00
20	1	LOW	Q16	20.93	21.00	20.72	21.00
		MID	Q16	20.93	20.83	20.82	21.00
		HIGH	Q16	20.43	19.97	20.57	21.00
	50	LOW	Q16	20.94	20.81	20.88	21.00
		MID	Q16	20.94	20.95	20.97	21.00
		HIGH	Q16	20.69	20.76	20.95	21.00
	100	LOW	Q16	20.77	20.92	20.91	21.00
20	1	LOW	64QAM	20.92	20.94	20.83	21.00
		MID	64QAM	20.85	20.68	20.77	21.00
		HIGH	64QAM	20.53	20.12	20.50	21.00
	50	LOW	64QAM	20.83	20.85	20.89	21.00
		MID	64QAM	20.92	20.94	20.85	21.00
		HIGH	64QAM	20.72	20.76	20.88	21.00
	100	LOW	64QAM	20.78	20.86	20.89	21.00

LTE B2-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.37	15.71	15.57	16.00
		MID	QPSK	15.38	15.89	15.97	16.00
		HIGH	QPSK	15.50	15.70	15.40	16.00
	3	LOW	QPSK	15.27	15.68	15.33	16.00
		MID	QPSK	15.57	15.84	15.76	16.00
		HIGH	QPSK	15.52	15.68	15.62	16.00
	6	LOW	QPSK	15.75	15.52	15.77	16.00
	1.4	LOW	Q16	15.94	15.90	15.47	16.00
		MID	Q16	15.87	15.64	15.79	16.00
		HIGH	Q16	15.25	14.89	15.36	16.00
		LOW	Q16	15.94	15.77	15.46	16.00
		MID	Q16	15.99	15.90	15.65	16.00
		HIGH	Q16	15.16	14.83	15.39	16.00
1.4	6	LOW	Q16	15.50	15.65	15.51	16.00
	1	LOW	64QAM	15.83	15.88	15.48	16.00
		MID	64QAM	15.98	15.52	15.82	16.00
		HIGH	64QAM	15.15	14.80	15.51	16.00
	3	LOW	64QAM	15.83	15.86	15.47	16.00
		MID	64QAM	15.84	15.90	15.66	16.00
		HIGH	64QAM	15.22	14.86	15.43	16.00
	6	LOW	64QAM	15.46	15.73	15.43	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	15.26	15.78	15.33	16.00
		MID	QPSK	15.62	15.85	15.90	16.00
		HIGH	QPSK	15.30	15.60	15.65	16.00
	8	LOW	QPSK	15.70	15.64	15.72	16.00
		MID	QPSK	15.73	15.49	15.70	16.00
		HIGH	QPSK	15.43	15.58	15.85	16.00
	15	LOW	QPSK	15.73	15.53	15.92	16.00
	3	LOW	Q16	15.97	16.00	15.48	16.00
		MID	Q16	15.93	15.62	15.76	16.00
		HIGH	Q16	15.32	14.79	15.32	16.00
		LOW	Q16	15.51	15.43	15.64	16.00
		MID	Q16	15.35	15.46	15.71	16.00
		HIGH	Q16	15.55	15.43	15.60	16.00
3	15	LOW	Q16	15.51	15.58	15.52	16.00
	1	LOW	64QAM	15.96	15.67	15.56	16.00
		MID	64QAM	15.89	15.69	15.48	16.00
		HIGH	64QAM	15.25	14.75	15.41	16.00
	8	LOW	64QAM	15.60	15.49	15.79	16.00
		MID	64QAM	15.28	15.66	15.64	16.00
		HIGH	64QAM	15.31	15.47	15.80	16.00
	15	LOW	64QAM	15.37	15.64	15.50	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	15.28	15.62	15.29	16.00
		MID	QPSK	15.59	15.80	15.90	16.00
		HIGH	QPSK	15.35	15.69	15.48	16.00
	12	LOW	QPSK	15.73	15.63	15.68	16.00
		MID	QPSK	15.50	15.62	15.89	16.00
		HIGH	QPSK	15.57	15.61	15.84	16.00
	25	LOW	QPSK	15.57	15.79	15.84	16.00
	5	LOW	Q16	15.94	15.76	15.53	16.00
		MID	Q16	15.99	15.70	15.73	16.00
		HIGH	Q16	15.18	14.83	15.23	16.00
		LOW	Q16	15.58	15.40	15.60	16.00
		MID	Q16	15.36	15.53	15.82	16.00
		HIGH	Q16	15.37	15.34	15.69	16.00
5	25	LOW	Q16	15.61	15.54	15.54	16.00
	1	LOW	64QAM	15.85	15.66	15.34	16.00
		MID	64QAM	15.97	15.84	15.47	16.00
		HIGH	64QAM	15.28	14.90	15.33	16.00
	12	LOW	64QAM	15.59	15.66	15.80	16.00
		MID	64QAM	15.49	15.56	15.78	16.00
		HIGH	64QAM	15.31	15.44	15.79	16.00
	25	LOW	64QAM	15.47	15.69	15.52	16.00

LTE B2-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	15.23	15.62	15.50	16.00
		MID	QPSK	15.36	15.81	15.72	16.00
		HIGH	QPSK	15.50	15.49	15.67	16.00
	25	LOW	QPSK	15.70	15.49	15.93	16.00
		MID	QPSK	15.66	15.76	15.92	16.00
		HIGH	QPSK	15.48	15.52	15.70	16.00
	50	LOW	QPSK	15.52	15.73	15.68	16.00
10	1	LOW	Q16	15.96	15.78	15.51	16.00
		MID	Q16	15.90	15.79	15.69	16.00
		HIGH	Q16	15.28	14.84	15.46	16.00
	25	LOW	Q16	15.60	15.67	15.76	16.00
		MID	Q16	15.56	15.58	15.71	16.00
		HIGH	Q16	15.48	15.64	15.56	16.00
	50	LOW	Q16	15.64	15.68	15.74	16.00
10	1	LOW	64QAM	15.75	15.69	15.46	16.00
		MID	64QAM	15.91	15.75	15.59	16.00
		HIGH	64QAM	15.34	14.87	15.48	16.00
	25	LOW	64QAM	15.67	15.62	15.70	16.00
		MID	64QAM	15.45	15.59	15.78	16.00
		HIGH	64QAM	15.45	15.62	15.51	16.00
	50	LOW	64QAM	15.61	15.64	15.59	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	15.42	15.60	15.49	16.00
		MID	QPSK	15.51	15.71	15.73	16.00
		HIGH	QPSK	15.41	15.52	15.62	16.00
	36	LOW	QPSK	15.73	15.71	15.88	16.00
		MID	QPSK	15.69	15.67	15.64	16.00
		HIGH	QPSK	15.68	15.70	15.81	16.00
	75	LOW	QPSK	15.66	15.56	15.93	16.00
15	1	LOW	Q16	15.88	15.81	15.62	16.00
		MID	Q16	15.94	15.86	15.59	16.00
		HIGH	Q16	15.15	14.89	15.49	16.00
	36	LOW	Q16	15.75	15.40	15.58	16.00
		MID	Q16	15.56	15.66	15.73	16.00
		HIGH	Q16	15.38	15.36	15.71	16.00
	75	LOW	Q16	15.54	15.78	15.61	16.00
15	1	LOW	64QAM	15.93	15.88	15.60	16.00
		MID	64QAM	15.84	15.84	15.67	16.00
		HIGH	64QAM	15.42	14.65	15.34	16.00
	36	LOW	64QAM	15.82	15.65	15.86	16.00
		MID	64QAM	15.35	15.52	15.63	16.00
		HIGH	64QAM	15.31	15.51	15.78	16.00
	75	LOW	64QAM	15.41	15.78	15.42	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	15.32	15.69	15.44	16.00
		MID	QPSK	15.50	15.64	15.66	16.00
		HIGH	QPSK	15.39	15.62	15.53	16.00
	50	LOW	QPSK	15.53	15.60	15.51	16.00
		MID	QPSK	15.59	15.52	15.59	16.00
		HIGH	QPSK	15.58	15.57	15.52	16.00
	100	LOW	QPSK	15.65	15.66	15.61	16.00
20	1	LOW	Q16	16.00	15.89	15.50	16.00
		MID	Q16	15.96	15.77	15.73	16.00
		HIGH	Q16	15.29	14.80	15.35	16.00
	50	LOW	Q16	15.60	15.54	15.70	16.00
		MID	Q16	15.41	15.56	15.76	16.00
		HIGH	Q16	15.50	15.49	15.70	16.00
	100	LOW	Q16	15.58	15.65	15.62	16.00
20	1	LOW	64QAM	15.88	15.74	15.48	16.00
		MID	64QAM	15.99	15.78	15.60	16.00
		HIGH	64QAM	15.33	14.75	15.44	16.00
	50	LOW	64QAM	15.70	15.62	15.84	16.00
		MID	64QAM	15.43	15.63	15.68	16.00
		HIGH	64QAM	15.35	15.54	15.65	16.00
	100	LOW	64QAM	15.51	15.65	15.50	16.00

LTE B2-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.09	19.38	19.23	19.50
		MID	QPSK	19.46	19.47	19.32	19.50
		HIGH	QPSK	19.03	19.37	19.25	19.50
	3	LOW	QPSK	18.95	19.38	19.38	19.50
		MID	QPSK	19.28	19.42	19.30	19.50
		HIGH	QPSK	19.18	19.49	19.39	19.50
	6	LOW	QPSK	19.21	19.21	19.35	19.50
1.4	1	LOW	Q16	19.39	19.33	19.44	19.50
		MID	Q16	19.41	19.36	19.22	19.50
		HIGH	Q16	19.26	18.82	19.15	19.50
	3	LOW	Q16	19.26	19.29	19.38	19.50
		MID	Q16	19.36	19.30	19.45	19.50
		HIGH	Q16	19.27	18.93	19.20	19.50
	6	LOW	Q16	19.28	19.10	19.34	19.50
1.4	1	LOW	64QAM	19.25	19.45	19.30	19.50
		MID	64QAM	19.44	19.29	19.24	19.50
		HIGH	64QAM	19.29	18.85	19.23	19.50
	3	LOW	64QAM	19.28	19.39	19.28	19.50
		MID	64QAM	19.43	19.32	19.36	19.50
		HIGH	64QAM	19.35	18.94	19.23	19.50
	6	LOW	64QAM	19.29	19.23	19.32	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.01	19.50	19.14	19.50
		MID	QPSK	19.41	19.40	19.31	19.50
		HIGH	QPSK	18.95	19.48	19.13	19.50
	8	LOW	QPSK	19.29	19.43	19.42	19.50
		MID	QPSK	19.13	19.48	19.31	19.50
		HIGH	QPSK	19.37	19.43	19.39	19.50
	15	LOW	QPSK	19.24	19.49	19.49	19.50
3	1	LOW	Q16	19.20	19.30	19.40	19.50
		MID	Q16	19.32	19.28	19.35	19.50
		HIGH	Q16	19.17	19.07	19.05	19.50
	8	LOW	Q16	19.20	19.37	19.34	19.50
		MID	Q16	19.22	19.40	19.36	19.50
		HIGH	Q16	19.43	19.31	19.50	19.50
	15	LOW	Q16	19.17	19.30	19.41	19.50
3	1	LOW	64QAM	19.22	19.22	19.36	19.50
		MID	64QAM	19.29	19.50	19.43	19.50
		HIGH	64QAM	19.38	19.14	19.18	19.50
	8	LOW	64QAM	19.41	19.28	19.26	19.50
		MID	64QAM	19.11	19.41	19.49	19.50
		HIGH	64QAM	19.22	19.49	19.29	19.50
	15	LOW	64QAM	19.43	19.08	19.21	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.09	19.36	19.28	19.50
		MID	QPSK	19.46	19.35	19.43	19.50
		HIGH	QPSK	18.94	19.50	19.37	19.50
	12	LOW	QPSK	19.40	19.42	19.28	19.50
		MID	QPSK	19.18	19.33	19.49	19.50
		HIGH	QPSK	19.35	19.20	19.40	19.50
	25	LOW	QPSK	19.19	19.49	19.38	19.50
5	1	LOW	Q16	19.17	19.32	19.30	19.50
		MID	Q16	19.37	19.29	19.43	19.50
		HIGH	Q16	19.41	18.99	19.17	19.50
	12	LOW	Q16	19.45	19.42	19.43	19.50
		MID	Q16	19.21	19.50	19.39	19.50
		HIGH	Q16	19.48	19.22	19.34	19.50
	25	LOW	Q16	19.44	19.24	19.48	19.50
5	1	LOW	64QAM	19.20	19.13	19.42	19.50
		MID	64QAM	19.28	19.37	19.44	19.50
		HIGH	64QAM	19.41	19.10	18.89	19.50
	12	LOW	64QAM	19.38	19.26	19.40	19.50
		MID	64QAM	19.27	19.45	19.49	19.50
		HIGH	64QAM	19.15	19.49	19.33	19.50
	25	LOW	64QAM	19.42	18.94	19.24	19.50

LTE B2-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.99	19.44	19.25	19.50
		MID	QPSK	19.44	19.41	19.36	19.50
		HIGH	QPSK	19.09	19.46	19.34	19.50
	25	LOW	QPSK	19.27	19.33	19.28	19.50
		MID	QPSK	19.21	19.50	19.44	19.50
		HIGH	QPSK	19.26	19.36	19.28	19.50
	50	LOW	QPSK	19.30	19.47	19.40	19.50
10	1	LOW	Q16	19.38	19.29	19.45	19.50
		MID	Q16	19.37	19.18	19.33	19.50
		HIGH	Q16	19.22	18.88	18.94	19.50
	25	LOW	Q16	19.23	19.25	19.48	19.50
		MID	Q16	19.45	19.48	19.44	19.50
		HIGH	Q16	19.20	19.38	19.46	19.50
	50	LOW	Q16	19.31	19.20	19.32	19.50
10	1	LOW	64QAM	19.09	19.21	19.35	19.50
		MID	64QAM	19.46	19.46	19.28	19.50
		HIGH	64QAM	19.39	19.01	18.95	19.50
	25	LOW	64QAM	19.40	19.21	19.50	19.50
		MID	64QAM	19.12	19.42	19.24	19.50
		HIGH	64QAM	19.19	19.33	19.38	19.50
	50	LOW	64QAM	19.43	19.10	19.18	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.19	19.32	19.34	19.50
		MID	QPSK	19.35	19.50	19.44	19.50
		HIGH	QPSK	19.14	19.48	19.18	19.50
	36	LOW	QPSK	19.47	19.43	19.32	19.50
		MID	QPSK	19.28	19.40	19.40	19.50
		HIGH	QPSK	19.34	19.41	19.35	19.50
	75	LOW	QPSK	19.35	19.45	19.32	19.50
15	1	LOW	Q16	19.39	19.15	19.38	19.50
		MID	Q16	19.31	19.22	19.47	19.50
		HIGH	Q16	19.20	19.10	19.02	19.50
	36	LOW	Q16	19.45	19.39	19.47	19.50
		MID	Q16	19.27	19.34	19.50	19.50
		HIGH	Q16	19.25	19.27	19.36	19.50
	75	LOW	Q16	19.33	19.22	19.48	19.50
15	1	LOW	64QAM	19.14	19.17	19.50	19.50
		MID	64QAM	19.39	19.38	19.45	19.50
		HIGH	64QAM	19.32	18.88	19.16	19.50
	36	LOW	64QAM	19.37	19.38	19.44	19.50
		MID	64QAM	19.31	19.40	19.45	19.50
		HIGH	64QAM	19.39	19.39	19.36	19.50
	75	LOW	64QAM	19.33	19.18	19.40	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.07	19.45	19.23	19.50
		MID	QPSK	19.40	19.42	19.45	19.50
		HIGH	QPSK	19.06	19.39	19.27	19.50
	50	LOW	QPSK	19.32	19.33	19.31	19.50
		MID	QPSK	19.23	19.32	19.31	19.50
		HIGH	QPSK	19.31	19.32	19.30	19.50
	100	LOW	QPSK	19.28	19.34	19.47	19.50
20	1	LOW	Q16	19.27	19.21	19.45	19.50
		MID	Q16	19.44	19.32	19.36	19.50
		HIGH	Q16	19.32	18.97	19.07	19.50
	50	LOW	Q16	19.35	19.29	19.48	19.50
		MID	Q16	19.35	19.48	19.45	19.50
		HIGH	Q16	19.33	19.36	19.37	19.50
	100	LOW	Q16	19.29	19.22	19.46	19.50
20	1	LOW	64QAM	19.15	19.25	19.49	19.50
		MID	64QAM	19.43	19.46	19.31	19.50
		HIGH	64QAM	19.40	18.99	19.04	19.50
	50	LOW	64QAM	19.40	19.26	19.39	19.50
		MID	64QAM	19.24	19.47	19.35	19.50
		HIGH	64QAM	19.26	19.41	19.27	19.50
	100	LOW	64QAM	19.33	19.07	19.33	19.50

LTE B2-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.10	15.49	15.20	15.50
		MID	QPSK	15.24	15.32	15.37	15.50
		HIGH	QPSK	15.11	15.47	15.13	15.50
	3	LOW	QPSK	15.07	15.31	15.06	15.50
		MID	QPSK	15.50	15.34	15.36	15.50
		HIGH	QPSK	15.18	15.48	15.01	15.50
	6	LOW	QPSK	15.23	15.25	15.32	15.50
	1.4	LOW	Q16	15.46	15.39	14.91	15.50
		MID	Q16	15.40	15.50	15.14	15.50
		HIGH	Q16	14.94	14.38	14.94	15.50
		LOW	Q16	15.46	15.36	14.85	15.50
		MID	Q16	15.43	15.50	15.27	15.50
		HIGH	Q16	14.76	14.46	15.22	15.50
1.4	1	LOW	Q16	15.20	15.10	15.31	15.50
		MID	Q16	15.20	15.10	15.31	15.50
		HIGH	Q16	15.20	15.10	15.31	15.50
	3	LOW	Q16	15.20	15.10	15.31	15.50
		MID	Q16	15.20	15.10	15.31	15.50
		HIGH	Q16	15.20	15.10	15.31	15.50
	6	LOW	Q16	15.20	15.10	15.31	15.50
	1.4	LOW	64QAM	15.44	15.37	14.94	15.50
		MID	64QAM	15.25	15.35	15.24	15.50
		HIGH	64QAM	15.00	14.50	14.96	15.50
		LOW	64QAM	15.36	15.30	14.97	15.50
		MID	64QAM	15.38	15.49	15.24	15.50
		HIGH	64QAM	14.62	14.42	15.19	15.50
1.4	1	LOW	64QAM	15.15	15.19	15.36	15.50
		MID	64QAM	15.15	15.19	15.36	15.50
		HIGH	64QAM	15.15	15.19	15.36	15.50
	3	LOW	64QAM	15.15	15.19	15.36	15.50
		MID	64QAM	15.15	15.19	15.36	15.50
		HIGH	64QAM	15.15	15.19	15.36	15.50
	6	LOW	64QAM	15.15	15.19	15.36	15.50
	1.4	LOW	64QAM	15.15	15.19	15.36	15.50
		MID	64QAM	15.15	15.19	15.36	15.50
		HIGH	64QAM	15.15	15.19	15.36	15.50
		LOW	64QAM	15.15	15.19	15.36	15.50
		MID	64QAM	15.15	15.19	15.36	15.50
		HIGH	64QAM	15.15	15.19	15.36	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	14.99	15.31	15.05	15.50
		MID	QPSK	15.35	15.50	15.50	15.50
		HIGH	QPSK	15.20	15.49	15.10	15.50
	8	LOW	QPSK	15.31	15.30	15.43	15.50
		MID	QPSK	15.21	15.34	15.43	15.50
		HIGH	QPSK	15.10	15.31	15.48	15.50
	15	LOW	QPSK	15.22	15.17	15.34	15.50
	3	LOW	Q16	15.49	15.43	14.98	15.50
		MID	Q16	15.33	15.48	15.24	15.50
		HIGH	Q16	14.78	14.59	15.12	15.50
		LOW	Q16	15.26	15.20	15.34	15.50
		MID	Q16	15.32	15.29	15.31	15.50
		HIGH	Q16	15.32	15.16	15.42	15.50
3	1	LOW	Q16	15.20	15.27	15.35	15.50
		MID	Q16	15.20	15.27	15.35	15.50
		HIGH	Q16	15.20	15.27	15.35	15.50
	8	LOW	Q16	15.20	15.27	15.35	15.50
		MID	Q16	15.20	15.27	15.35	15.50
		HIGH	Q16	15.20	15.27	15.35	15.50
	15	LOW	Q16	15.20	15.27	15.35	15.50
	3	LOW	64QAM	15.39	15.43	14.91	15.50
		MID	64QAM	15.38	15.32	15.06	15.50
		HIGH	64QAM	15.07	14.32	15.02	15.50
		LOW	64QAM	15.36	15.23	15.25	15.50
		MID	64QAM	15.16	15.29	15.48	15.50
		HIGH	64QAM	15.18	15.35	15.49	15.50
3	1	LOW	64QAM	15.13	15.25	15.36	15.50
		MID	64QAM	15.13	15.25	15.36	15.50
		HIGH	64QAM	15.13	15.25	15.36	15.50
	8	LOW	64QAM	15.13	15.25	15.36	15.50
		MID	64QAM	15.13	15.25	15.36	15.50
		HIGH	64QAM	15.13	15.25	15.36	15.50
	15	LOW	64QAM	15.13	15.25	15.36	15.50
	3	LOW	64QAM	15.13	15.25	15.36	15.50
		MID	64QAM	15.13	15.25	15.36	15.50
		HIGH	64QAM	15.13	15.25	15.36	15.50
		LOW	64QAM	15.13	15.25	15.36	15.50
		MID	64QAM	15.13	15.25	15.36	15.50
		HIGH	64QAM	15.13	15.25	15.36	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	15.17	15.48	15.17	15.50
		MID	QPSK	15.23	15.33	15.32	15.50
		HIGH	QPSK	15.21	15.29	15.02	15.50
	12	LOW	QPSK	15.15	15.20	15.46	15.50
		MID	QPSK	15.06	15.30	15.49	15.50
		HIGH	QPSK	15.15	15.15	15.50	15.50
	25	LOW	QPSK	15.13	15.30	15.43	15.50
	5	LOW	Q16	15.13	15.30	15.43	15.50
		MID	Q16	15.13	15.30	15.43	15.50
		HIGH	Q16	15.13	15.30	15.43	15.50
		LOW	Q16	15.13	15.30	15.43	15.50
		MID	Q16	15.13	15.30	15.43	15.50
		HIGH	Q16	15.13	15.30	15.43	15.50
5	1	LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50
	12	LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50
	25	LOW	Q16	15.15	15.25	15.34	15.50
	5	LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50
		LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50
5	1	LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50
	12	LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50
	25	LOW	Q16	15.15	15.25	15.34	15.50
	5	LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50
		LOW	Q16	15.15	15.25	15.34	15.50
		MID	Q16	15.15	15.25	15.34	15.50
		HIGH	Q16	15.15	15.25	15.34	15.50

LTE B2-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	15.06	15.34	15.27	15.50
		MID	QPSK	15.33	15.44	15.48	15.50
		HIGH	QPSK	14.95	15.40	15.05	15.50
	25	LOW	QPSK	15.16	15.18	15.32	15.50
		MID	QPSK	15.24	15.19	15.32	15.50
		HIGH	QPSK	15.29	15.23	15.28	15.50
	50	LOW	QPSK	15.11	15.17	15.41	15.50
10	1	LOW	Q16	15.39	15.33	15.05	15.50
		MID	Q16	15.29	15.41	15.08	15.50
		HIGH	Q16	14.92	14.51	15.22	15.50
	25	LOW	Q16	15.34	15.26	15.46	15.50
		MID	Q16	15.43	15.13	15.27	15.50
		HIGH	Q16	15.30	15.40	15.41	15.50
	50	LOW	Q16	15.22	15.23	15.36	15.50
10	1	LOW	64QAM	15.39	15.35	14.82	15.50
		MID	64QAM	15.41	15.36	15.22	15.50
		HIGH	64QAM	14.86	14.29	15.10	15.50
	25	LOW	64QAM	15.32	15.00	15.22	15.50
		MID	64QAM	15.36	15.35	15.50	15.50
		HIGH	64QAM	15.40	15.48	15.49	15.50
	50	LOW	64QAM	15.33	15.32	15.37	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	15.25	15.46	15.22	15.50
		MID	QPSK	15.39	15.36	15.50	15.50
		HIGH	QPSK	15.19	15.41	15.18	15.50
	36	LOW	QPSK	15.12	15.11	15.42	15.50
		MID	QPSK	15.10	15.41	15.47	15.50
		HIGH	QPSK	15.03	15.33	15.44	15.50
	75	LOW	QPSK	15.35	15.24	15.47	15.50
15	1	LOW	Q16	15.35	15.32	15.02	15.50
		MID	Q16	15.36	15.43	15.18	15.50
		HIGH	Q16	14.87	14.61	15.17	15.50
	36	LOW	Q16	15.34	15.14	15.37	15.50
		MID	Q16	15.24	15.20	15.40	15.50
		HIGH	Q16	15.27	15.25	15.45	15.50
	75	LOW	Q16	15.41	15.09	15.44	15.50
15	1	LOW	64QAM	15.28	15.35	15.07	15.50
		MID	64QAM	15.40	15.36	15.29	15.50
		HIGH	64QAM	15.01	14.55	14.83	15.50
	36	LOW	64QAM	15.18	14.98	15.22	15.50
		MID	64QAM	15.39	15.12	15.35	15.50
		HIGH	64QAM	15.19	15.47	15.34	15.50
	75	LOW	64QAM	15.23	15.08	15.45	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	15.13	15.46	15.17	15.50
		MID	QPSK	15.37	15.45	15.43	15.50
		HIGH	QPSK	15.06	15.41	15.16	15.50
	50	LOW	QPSK	15.12	15.17	15.17	15.50
		MID	QPSK	15.14	15.15	15.14	15.50
		HIGH	QPSK	15.14	15.15	15.12	15.50
	100	LOW	QPSK	15.13	15.19	15.14	15.50
20	1	LOW	Q16	15.49	15.46	14.98	15.50
		MID	Q16	15.44	15.48	15.14	15.50
		HIGH	Q16	14.84	14.49	15.07	15.50
	50	LOW	Q16	15.31	15.20	15.39	15.50
		MID	Q16	15.30	15.26	15.42	15.50
		HIGH	Q16	15.30	15.30	15.39	15.50
	100	LOW	Q16	15.27	15.19	15.44	15.50
20	1	LOW	64QAM	15.39	15.34	14.96	15.50
		MID	64QAM	15.50	15.34	15.14	15.50
		HIGH	64QAM	14.96	14.42	14.97	15.50
	50	LOW	64QAM	15.24	15.12	15.26	15.50
		MID	64QAM	15.29	15.26	15.50	15.50
		HIGH	64QAM	15.33	15.41	15.47	15.50
	100	LOW	64QAM	15.22	15.18	15.44	15.50

8.4.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.12	23.90	24.05	24.60
		MID	QPSK	23.88	24.06	23.94	24.60
		HIGH	QPSK	23.94	23.92	23.95	24.60
	3	LOW	QPSK	24.12	24.11	23.99	24.60
		MID	QPSK	23.85	24.09	23.98	24.60
		HIGH	QPSK	23.94	23.94	23.81	24.60
	6	LOW	QPSK	23.30	23.18	23.35	23.60
	1.4	LOW	Q16	23.19	23.48	23.32	23.60
		MID	Q16	23.22	23.44	23.53	23.60
		HIGH	Q16	22.77	23.06	23.23	23.60
		LOW	Q16	23.03	23.41	23.32	23.60
		MID	Q16	23.29	23.50	23.49	23.60
		HIGH	Q16	22.90	23.09	23.15	23.60
1.4	6	LOW	Q16	22.18	22.45	22.60	22.60
	1	LOW	64QAM	22.10	22.33	22.20	22.60
		MID	64QAM	22.28	22.52	22.45	22.60
		HIGH	64QAM	21.62	22.19	22.29	22.60
	3	LOW	64QAM	21.98	22.33	22.17	22.60
		MID	64QAM	22.38	22.35	22.41	22.60
		HIGH	64QAM	21.81	22.22	22.02	22.60
	6	LOW	64QAM	21.22	21.54	21.45	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.96	24.06	24.01	24.60
		MID	QPSK	23.84	23.89	23.82	24.60
		HIGH	QPSK	23.88	24.02	23.85	24.60
	8	LOW	QPSK	23.10	23.25	23.31	23.60
		MID	QPSK	23.26	23.30	23.58	23.60
		HIGH	QPSK	23.05	23.18	23.28	23.60
	15	LOW	QPSK	23.26	23.23	23.31	23.60
	3	LOW	Q16	23.27	23.33	23.26	23.60
		MID	Q16	23.38	23.24	23.51	23.60
		HIGH	Q16	22.82	23.23	23.30	23.60
		LOW	Q16	22.45	22.18	22.52	22.60
		MID	Q16	22.43	22.14	22.43	22.60
		HIGH	Q16	22.26	22.46	22.48	22.60
3	15	LOW	Q16	22.22	22.34	22.57	22.60
	1	LOW	64QAM	22.24	22.58	22.24	22.60
		MID	64QAM	22.46	22.48	22.47	22.60
		HIGH	64QAM	21.86	22.31	22.35	22.60
	8	LOW	64QAM	21.54	21.04	21.42	21.60
		MID	64QAM	21.31	21.42	21.53	21.60
		HIGH	64QAM	21.33	21.24	21.35	21.60
	15	LOW	64QAM	21.20	21.51	21.55	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.99	23.87	23.88	24.60
		MID	QPSK	23.87	23.90	24.07	24.60
		HIGH	QPSK	23.79	23.93	23.75	24.60
	12	LOW	QPSK	23.26	23.12	23.49	23.60
		MID	QPSK	23.34	23.41	23.42	23.60
		HIGH	QPSK	23.17	23.19	23.48	23.60
	25	LOW	QPSK	23.34	23.12	23.47	23.60
	5	LOW	Q16	23.32	23.54	23.33	23.60
		MID	Q16	23.24	23.43	23.55	23.60
		HIGH	Q16	22.72	23.03	23.30	23.60
		LOW	Q16	22.37	22.04	22.45	22.60
		MID	Q16	22.46	22.33	22.56	22.60
		HIGH	Q16	22.24	22.21	22.45	22.60
5	25	LOW	Q16	22.25	22.55	22.57	22.60
	1	LOW	64QAM	22.29	22.41	22.23	22.60
		MID	64QAM	22.38	22.43	22.52	22.60
		HIGH	64QAM	21.88	22.19	22.20	22.60
	12	LOW	64QAM	21.40	21.06	21.45	21.60
		MID	64QAM	21.33	21.34	21.47	21.60
		HIGH	64QAM	21.28	21.26	21.24	21.60
	25	LOW	64QAM	21.19	21.57	21.45	21.60

LTE B2-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.92	24.02	24.03	24.60
		MID	QPSK	23.83	23.97	23.97	24.60
		HIGH	QPSK	23.75	23.98	23.81	24.60
	25	LOW	QPSK	23.31	23.05	23.29	23.60
		MID	QPSK	23.20	23.39	23.45	23.60
		HIGH	QPSK	23.09	23.27	23.36	23.60
	50	LOW	QPSK	23.28	23.17	23.30	23.60
	10	LOW	Q16	23.27	23.50	23.24	23.60
		MID	Q16	23.33	23.35	23.47	23.60
		HIGH	Q16	22.97	22.94	23.18	23.60
		LOW	Q16	22.33	22.14	22.45	22.60
		MID	Q16	22.43	22.37	22.53	22.60
		HIGH	Q16	22.39	22.29	22.37	22.60
	50	LOW	Q16	22.17	22.54	22.53	22.60
10	1	LOW	64QAM	22.24	22.55	22.32	22.60
		MID	64QAM	22.32	22.55	22.59	22.60
		HIGH	64QAM	21.69	22.22	22.37	22.60
	25	LOW	64QAM	21.42	20.98	21.53	21.60
		MID	64QAM	21.44	21.39	21.50	21.60
		HIGH	64QAM	21.25	21.17	21.39	21.60
	50	LOW	64QAM	21.33	21.47	21.53	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.89	24.14	23.99	24.60
		MID	QPSK	23.94	23.97	23.93	24.60
		HIGH	QPSK	23.92	23.72	23.75	24.60
	36	LOW	QPSK	23.20	23.27	23.28	23.60
		MID	QPSK	23.21	23.16	23.44	23.60
		HIGH	QPSK	23.10	23.24	23.45	23.60
	75	LOW	QPSK	23.27	23.24	23.48	23.60
	15	LOW	Q16	23.07	23.49	23.32	23.60
		MID	Q16	23.30	23.33	23.59	23.60
		HIGH	Q16	22.79	23.24	23.26	23.60
		LOW	Q16	22.38	22.34	22.35	22.60
		MID	Q16	22.45	22.29	22.44	22.60
		HIGH	Q16	22.16	22.40	22.22	22.60
	75	LOW	Q16	22.33	22.29	22.45	22.60
15	1	LOW	64QAM	22.16	22.44	22.35	22.60
		MID	64QAM	22.54	22.42	22.41	22.60
		HIGH	64QAM	21.73	22.10	22.36	22.60
	36	LOW	64QAM	21.26	20.95	21.42	21.60
		MID	64QAM	21.39	21.32	21.45	21.60
		HIGH	64QAM	21.28	21.07	21.53	21.60
	75	LOW	64QAM	21.19	21.52	21.49	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.98	24.00	23.95	24.60
		MID	QPSK	23.95	23.98	23.93	24.60
		HIGH	QPSK	23.82	23.87	23.87	24.60
	50	LOW	QPSK	23.23	23.16	23.41	23.60
		MID	QPSK	23.23	23.31	23.56	23.60
		HIGH	QPSK	23.15	23.33	23.41	23.60
	100	LOW	QPSK	23.19	23.13	23.35	23.60
	20	LOW	Q16	23.18	23.47	23.28	23.60
		MID	Q16	23.37	23.39	23.57	23.60
		HIGH	Q16	22.83	23.09	23.18	23.60
		LOW	Q16	22.35	22.19	22.50	22.60
		MID	Q16	22.44	22.27	22.57	22.60
		HIGH	Q16	22.30	22.36	22.36	22.60
	100	LOW	Q16	22.28	22.40	22.59	22.60
20	1	LOW	64QAM	22.31	22.44	22.21	22.60
		MID	64QAM	22.47	22.54	22.53	22.60
		HIGH	64QAM	21.73	22.17	22.29	22.60
	50	LOW	64QAM	21.40	21.06	21.57	21.60
		MID	64QAM	21.45	21.37	21.58	21.60
		HIGH	64QAM	21.34	21.22	21.38	21.60
	100	LOW	64QAM	21.33	21.54	21.56	21.60

LTE B2-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.12	23.90	24.05	24.60
		MID	QPSK	23.88	24.06	23.94	24.60
		HIGH	QPSK	23.94	23.92	23.95	24.60
	3	LOW	QPSK	24.12	24.11	23.99	24.60
		MID	QPSK	23.85	24.09	23.98	24.60
		HIGH	QPSK	23.94	23.94	23.81	24.60
	6	LOW	QPSK	23.30	23.18	23.35	23.60
1.4	1	LOW	Q16	23.19	23.48	23.32	23.60
		MID	Q16	23.22	23.44	23.53	23.60
		HIGH	Q16	22.77	23.06	23.23	23.60
	3	LOW	Q16	23.03	23.41	23.32	23.60
		MID	Q16	23.29	23.50	23.49	23.60
		HIGH	Q16	22.90	23.09	23.15	23.60
	6	LOW	Q16	22.18	22.45	22.60	22.60
1.4	1	LOW	64QAM	22.10	22.33	22.20	22.60
		MID	64QAM	22.28	22.52	22.45	22.60
		HIGH	64QAM	21.62	22.19	22.29	22.60
	3	LOW	64QAM	21.98	22.33	22.17	22.60
		MID	64QAM	22.38	22.35	22.41	22.60
		HIGH	64QAM	21.81	22.22	22.02	22.60
	6	LOW	64QAM	21.22	21.54	21.45	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.96	24.06	24.01	24.60
		MID	QPSK	23.84	23.89	23.82	24.60
		HIGH	QPSK	23.88	24.02	23.85	24.60
	8	LOW	QPSK	23.10	23.25	23.31	23.60
		MID	QPSK	23.26	23.30	23.58	23.60
		HIGH	QPSK	23.05	23.18	23.28	23.60
	15	LOW	QPSK	23.26	23.23	23.31	23.60
3	1	LOW	Q16	23.27	23.33	23.26	23.60
		MID	Q16	23.38	23.24	23.51	23.60
		HIGH	Q16	22.82	23.23	23.30	23.60
	8	LOW	Q16	22.45	22.18	22.52	22.60
		MID	Q16	22.43	22.14	22.43	22.60
		HIGH	Q16	22.26	22.46	22.48	22.60
	15	LOW	Q16	22.22	22.34	22.57	22.60
3	1	LOW	64QAM	22.24	22.58	22.24	22.60
		MID	64QAM	22.46	22.48	22.47	22.60
		HIGH	64QAM	21.86	22.31	22.35	22.60
	8	LOW	64QAM	21.54	21.04	21.42	21.60
		MID	64QAM	21.31	21.42	21.53	21.60
		HIGH	64QAM	21.33	21.24	21.35	21.60
	15	LOW	64QAM	21.20	21.51	21.55	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.99	23.87	23.88	24.60
		MID	QPSK	23.87	23.90	24.07	24.60
		HIGH	QPSK	23.79	23.93	23.75	24.60
	12	LOW	QPSK	23.26	23.12	23.49	23.60
		MID	QPSK	23.34	23.41	23.42	23.60
		HIGH	QPSK	23.17	23.19	23.48	23.60
	25	LOW	QPSK	23.34	23.12	23.47	23.60
5	1	LOW	Q16	23.32	23.54	23.33	23.60
		MID	Q16	23.24	23.43	23.55	23.60
		HIGH	Q16	22.72	23.03	23.30	23.60
	12	LOW	Q16	22.37	22.04	22.45	22.60
		MID	Q16	22.46	22.33	22.56	22.60
		HIGH	Q16	22.24	22.21	22.45	22.60
	25	LOW	Q16	22.25	22.55	22.57	22.60
5	1	LOW	64QAM	22.29	22.41	22.23	22.60
		MID	64QAM	22.38	22.43	22.52	22.60
		HIGH	64QAM	21.88	22.19	22.20	22.60
	12	LOW	64QAM	21.40	21.06	21.45	21.60
		MID	64QAM	21.33	21.34	21.47	21.60
		HIGH	64QAM	21.28	21.26	21.24	21.60
	25	LOW	64QAM	21.19	21.57	21.45	21.60

LTE B2-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.92	24.02	24.03	24.60
		MID	QPSK	23.83	23.97	23.97	24.60
		HIGH	QPSK	23.75	23.98	23.81	24.60
	25	LOW	QPSK	23.31	23.05	23.29	23.60
		MID	QPSK	23.20	23.39	23.45	23.60
		HIGH	QPSK	23.09	23.27	23.36	23.60
	50	LOW	QPSK	23.28	23.17	23.30	23.60
	10	1	LOW	Q16	23.27	23.50	23.24
			MID	Q16	23.33	23.35	23.47
			HIGH	Q16	22.97	22.94	23.18
		25	LOW	Q16	22.33	22.14	22.45
			MID	Q16	22.43	22.37	22.53
			HIGH	Q16	22.39	22.29	22.37
		50	LOW	Q16	22.17	22.54	22.53
10	1	LOW	64QAM	22.24	22.55	22.32	22.60
		MID	64QAM	22.32	22.55	22.59	22.60
		HIGH	64QAM	21.69	22.22	22.37	22.60
	25	LOW	64QAM	21.42	20.98	21.53	21.60
		MID	64QAM	21.44	21.39	21.50	21.60
		HIGH	64QAM	21.25	21.17	21.39	21.60
	50	LOW	64QAM	21.33	21.47	21.53	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.89	24.14	23.99	24.60
		MID	QPSK	23.94	23.97	23.93	24.60
		HIGH	QPSK	23.92	23.72	23.75	24.60
	36	LOW	QPSK	23.20	23.27	23.28	23.60
		MID	QPSK	23.21	23.16	23.44	23.60
		HIGH	QPSK	23.10	23.24	23.45	23.60
	75	LOW	QPSK	23.27	23.24	23.48	23.60
	15	1	LOW	Q16	23.07	23.49	23.32
			MID	Q16	23.30	23.33	23.59
			HIGH	Q16	22.79	23.24	23.26
		36	LOW	Q16	22.38	22.34	22.35
			MID	Q16	22.45	22.29	22.44
			HIGH	Q16	22.16	22.40	22.22
		75	LOW	Q16	22.33	22.29	22.45
15	1	LOW	64QAM	22.16	22.44	22.35	22.60
		MID	64QAM	22.54	22.42	22.41	22.60
		HIGH	64QAM	21.73	22.10	22.36	22.60
	36	LOW	64QAM	21.26	20.95	21.42	21.60
		MID	64QAM	21.39	21.32	21.45	21.60
		HIGH	64QAM	21.28	21.07	21.53	21.60
	75	LOW	64QAM	21.19	21.52	21.49	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.98	24.00	23.95	24.60
		MID	QPSK	23.95	23.98	23.93	24.60
		HIGH	QPSK	23.82	23.87	23.87	24.60
	50	LOW	QPSK	23.13	23.16	23.11	23.60
		MID	QPSK	23.13	23.11	23.16	23.60
		HIGH	QPSK	23.15	23.13	23.11	23.60
	100	LOW	QPSK	23.19	23.13	23.35	23.60
	20	1	LOW	Q16	23.18	23.47	23.28
			MID	Q16	23.37	23.39	23.57
			HIGH	Q16	22.83	23.09	23.18
		50	LOW	Q16	22.35	22.19	22.50
			MID	Q16	22.44	22.27	22.57
			HIGH	Q16	22.30	22.36	22.36
		100	LOW	Q16	22.28	22.40	22.59
20	1	LOW	64QAM	22.31	22.44	22.21	22.60
		MID	64QAM	22.47	22.54	22.53	22.60
		HIGH	64QAM	21.73	22.17	22.29	22.60
	50	LOW	64QAM	21.40	21.06	21.57	21.60
		MID	64QAM	21.45	21.37	21.58	21.60
		HIGH	64QAM	21.34	21.22	21.38	21.60
	100	LOW	64QAM	21.33	21.54	21.56	21.60

LTE B2-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.24	20.44	20.40	20.60
		MID	QPSK	20.56	20.55	20.45	20.60
		HIGH	QPSK	20.54	20.39	20.49	20.60
	3	LOW	QPSK	20.34	20.34	20.46	20.60
		MID	QPSK	20.55	20.42	20.44	20.60
		HIGH	QPSK	20.42	20.47	20.39	20.60
	6	LOW	QPSK	20.45	20.46	20.41	20.60
1.4	1	LOW	Q16	20.56	20.53	20.59	20.60
		MID	Q16	20.58	20.53	20.48	20.60
		HIGH	Q16	20.29	20.43	20.54	20.60
	3	LOW	Q16	20.57	20.52	20.44	20.60
		MID	Q16	20.49	20.40	20.58	20.60
		HIGH	Q16	20.27	20.39	20.49	20.60
	6	LOW	Q16	20.49	20.50	20.53	20.60
1.4	1	LOW	64QAM	20.53	20.51	20.58	20.60
		MID	64QAM	20.43	20.53	20.33	20.60
		HIGH	64QAM	20.36	20.51	20.49	20.60
	3	LOW	64QAM	20.55	20.37	20.30	20.60
		MID	64QAM	20.57	20.42	20.53	20.60
		HIGH	64QAM	20.28	20.33	20.39	20.60
	6	LOW	64QAM	20.42	20.56	20.47	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.10	20.52	20.37	20.60
		MID	QPSK	20.47	20.47	20.52	20.60
		HIGH	QPSK	20.28	20.58	20.48	20.60
	8	LOW	QPSK	20.50	20.48	20.48	20.60
		MID	QPSK	20.42	20.48	20.49	20.60
		HIGH	QPSK	20.48	20.58	20.57	20.60
	15	LOW	QPSK	20.51	20.58	20.44	20.60
3	1	LOW	Q16	20.50	20.29	20.58	20.60
		MID	Q16	20.44	20.60	20.35	20.60
		HIGH	Q16	20.22	20.40	20.37	20.60
	8	LOW	Q16	20.37	20.58	20.46	20.60
		MID	Q16	20.43	20.46	20.39	20.60
		HIGH	Q16	20.43	20.53	20.57	20.60
	15	LOW	Q16	20.54	20.42	20.55	20.60
3	1	LOW	64QAM	20.54	20.48	20.53	20.60
		MID	64QAM	20.47	20.45	20.54	20.60
		HIGH	64QAM	19.98	20.57	20.29	20.60
	8	LOW	64QAM	20.35	20.56	20.52	20.60
		MID	64QAM	20.39	20.40	20.46	20.60
		HIGH	64QAM	20.30	20.45	20.36	20.60
	15	LOW	64QAM	20.46	20.47	20.52	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.31	20.33	20.43	20.60
		MID	QPSK	20.39	20.44	20.49	20.60
		HIGH	QPSK	20.30	20.50	20.57	20.60
	12	LOW	QPSK	20.55	20.48	20.49	20.60
		MID	QPSK	20.40	20.50	20.31	20.60
		HIGH	QPSK	20.50	20.53	20.59	20.60
	25	LOW	QPSK	20.51	20.40	20.52	20.60
5	1	LOW	Q16	20.47	20.40	20.45	20.60
		MID	Q16	20.48	20.48	20.43	20.60
		HIGH	Q16	20.41	20.54	20.41	20.60
	12	LOW	Q16	20.50	20.43	20.59	20.60
		MID	Q16	20.55	20.47	20.55	20.60
		HIGH	Q16	20.59	20.49	20.59	20.60
	25	LOW	Q16	20.47	20.45	20.47	20.60
5	1	LOW	64QAM	20.60	20.31	20.52	20.60
		MID	64QAM	20.51	20.40	20.48	20.60
		HIGH	64QAM	20.17	20.45	20.44	20.60
	12	LOW	64QAM	20.39	20.58	20.38	20.60
		MID	64QAM	20.35	20.33	20.33	20.60
		HIGH	64QAM	20.44	20.53	20.49	20.60
	25	LOW	64QAM	20.52	20.51	20.43	20.60

LTE B2-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.16	20.39	20.40	20.60
		MID	QPSK	20.57	20.42	20.52	20.60
		HIGH	QPSK	20.53	20.47	20.45	20.60
	25	LOW	QPSK	20.41	20.30	20.55	20.60
		MID	QPSK	20.57	20.56	20.35	20.60
		HIGH	QPSK	20.48	20.43	20.57	20.60
	50	LOW	QPSK	20.56	20.60	20.51	20.60
	10	1	LOW	Q16	20.60	20.43	20.56
			MID	Q16	20.45	20.43	20.53
			HIGH	Q16	20.25	20.41	20.48
		25	LOW	Q16	20.47	20.45	20.58
			MID	Q16	20.37	20.51	20.38
			HIGH	Q16	20.43	20.59	20.59
	50	LOW	Q16	20.57	20.49	20.48	20.60
10	1	LOW	64QAM	20.57	20.32	20.51	20.60
		MID	64QAM	20.45	20.34	20.59	20.60
		HIGH	64QAM	20.14	20.57	20.48	20.60
	25	LOW	64QAM	20.34	20.60	20.47	20.60
		MID	64QAM	20.40	20.52	20.58	20.60
		HIGH	64QAM	20.46	20.45	20.43	20.60
	50	LOW	64QAM	20.43	20.43	20.47	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.15	20.43	20.32	20.60
		MID	QPSK	20.60	20.49	20.59	20.60
		HIGH	QPSK	20.50	20.35	20.56	20.60
	36	LOW	QPSK	20.60	20.40	20.59	20.60
		MID	QPSK	20.40	20.54	20.56	20.60
		HIGH	QPSK	20.52	20.41	20.55	20.60
	75	LOW	QPSK	20.45	20.59	20.60	20.60
	15	1	LOW	Q16	20.39	20.47	20.57
			MID	Q16	20.60	20.56	20.52
			HIGH	Q16	20.38	20.48	20.55
		36	LOW	Q16	20.32	20.45	20.42
			MID	Q16	20.40	20.42	20.51
			HIGH	Q16	20.49	20.55	20.53
	75	LOW	Q16	20.58	20.41	20.60	20.60
15	1	LOW	64QAM	20.41	20.48	20.45	20.60
		MID	64QAM	20.57	20.46	20.48	20.60
		HIGH	64QAM	20.00	20.38	20.28	20.60
	36	LOW	64QAM	20.29	20.45	20.49	20.60
		MID	64QAM	20.38	20.48	20.51	20.60
		HIGH	64QAM	20.39	20.43	20.45	20.60
	75	LOW	64QAM	20.48	20.26	20.49	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.25	20.47	20.45	20.60
		MID	QPSK	20.42	20.46	20.39	20.60
		HIGH	QPSK	20.42	20.45	20.39	20.60
	50	LOW	QPSK	20.36	20.45	20.41	20.60
		MID	QPSK	20.35	20.36	20.36	20.60
		HIGH	QPSK	20.37	20.42	20.38	20.60
	100	LOW	QPSK	20.59	20.55	20.54	20.60
	20	1	LOW	Q16	20.54	20.43	20.49
			MID	Q16	20.53	20.52	20.47
			HIGH	Q16	20.26	20.50	20.50
		50	LOW	Q16	20.47	20.58	20.57
			MID	Q16	20.52	20.55	20.52
			HIGH	Q16	20.44	20.60	20.59
	100	LOW	Q16	20.58	20.53	20.52	20.60
20	1	LOW	64QAM	20.55	20.42	20.45	20.60
		MID	64QAM	20.55	20.48	20.60	20.60
		HIGH	64QAM	20.12	20.53	20.37	20.60
	50	LOW	64QAM	20.43	20.48	20.42	20.60
		MID	64QAM	20.48	20.48	20.48	20.60
		HIGH	64QAM	20.32	20.45	20.44	20.60
	100	LOW	64QAM	20.58	20.41	20.57	20.60

LTE B2-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.96	18.94	19.08	19.10
		MID	QPSK	19.09	19.04	18.88	19.10
		HIGH	QPSK	18.99	18.93	19.07	19.10
	3	LOW	QPSK	19.07	18.98	18.89	19.10
		MID	QPSK	19.02	18.82	19.08	19.10
		HIGH	QPSK	19.03	19.04	18.98	19.10
	6	LOW	QPSK	19.04	19.02	19.01	19.10
	1.4	LOW	Q16	19.00	19.10	19.03	19.10
		MID	Q16	18.92	19.06	18.88	19.10
		HIGH	Q16	18.94	19.05	19.05	19.10
		LOW	Q16	18.96	18.89	19.05	19.10
		MID	Q16	18.96	19.02	18.94	19.10
		HIGH	Q16	19.08	19.00	19.10	19.10
1.4	1	LOW	64QAM	19.00	19.02	18.91	19.10
		MID	64QAM	18.98	19.04	18.77	19.10
		HIGH	64QAM	18.92	18.94	19.08	19.10
	3	LOW	64QAM	19.07	18.87	18.98	19.10
		MID	64QAM	19.03	18.91	18.91	19.10
		HIGH	64QAM	19.05	18.94	18.98	19.10
	6	LOW	64QAM	18.95	18.76	18.88	19.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.09	19.06	19.06	19.10
		MID	QPSK	19.03	19.08	18.82	19.10
		HIGH	QPSK	18.99	18.89	18.97	19.10
	8	LOW	QPSK	18.95	18.95	19.07	19.10
		MID	QPSK	18.86	19.10	19.07	19.10
		HIGH	QPSK	18.81	18.79	19.05	19.10
	15	LOW	QPSK	19.10	18.85	18.99	19.10
	3	LOW	Q16	19.05	19.06	18.90	19.10
		MID	Q16	18.93	18.95	18.97	19.10
		HIGH	Q16	19.09	18.94	18.97	19.10
		LOW	Q16	19.08	19.04	19.08	19.10
		MID	Q16	19.00	19.04	19.05	19.10
		HIGH	Q16	19.01	18.97	19.01	19.10
3	1	LOW	64QAM	19.00	18.93	19.00	19.10
		MID	64QAM	18.85	18.85	18.92	19.10
		HIGH	64QAM	18.81	19.09	18.96	19.10
	8	LOW	64QAM	18.97	18.81	18.91	19.10
		MID	64QAM	18.98	18.93	18.93	19.10
		HIGH	64QAM	19.07	18.94	18.82	19.10
	15	LOW	64QAM	19.07	18.98	18.95	19.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.00	19.10	19.10	19.10
		MID	QPSK	18.96	18.84	18.85	19.10
		HIGH	QPSK	19.08	18.95	18.96	19.10
	12	LOW	QPSK	18.98	19.03	19.03	19.10
		MID	QPSK	18.93	19.10	19.00	19.10
		HIGH	QPSK	18.85	19.05	18.88	19.10
	25	LOW	QPSK	19.09	18.90	19.06	19.10
	5	LOW	Q16	18.99	18.90	18.94	19.10
		MID	Q16	18.94	19.05	19.09	19.10
		HIGH	Q16	18.98	18.97	19.00	19.10
		LOW	Q16	18.87	18.84	18.88	19.10
		MID	Q16	18.95	18.92	18.89	19.10
		HIGH	Q16	19.09	19.03	19.06	19.10
5	1	LOW	Q16	18.94	18.87	19.07	19.10
		LOW	64QAM	18.99	19.09	18.90	19.10
		MID	64QAM	18.83	18.96	18.97	19.10
		HIGH	64QAM	18.82	18.89	18.99	19.10
	12	LOW	64QAM	18.93	18.99	19.05	19.10
		MID	64QAM	18.86	18.94	18.99	19.10
		HIGH	64QAM	18.95	19.05	18.99	19.10
	25	LOW	64QAM	19.09	18.87	19.05	19.10

LTE B2-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.94	18.96	19.10	19.10
		MID	QPSK	18.96	18.92	18.87	19.10
		HIGH	QPSK	18.92	18.94	18.97	19.10
	25	LOW	QPSK	18.90	19.05	19.07	19.10
		MID	QPSK	19.08	18.95	18.98	19.10
		HIGH	QPSK	18.80	18.91	19.00	19.10
	50	LOW	QPSK	18.89	19.03	18.96	19.10
10	1	LOW	Q16	18.95	18.98	18.96	19.10
		MID	Q16	18.87	18.98	19.02	19.10
		HIGH	Q16	18.85	19.10	19.04	19.10
	25	LOW	Q16	19.04	18.95	18.95	19.10
		MID	Q16	19.03	18.89	19.07	19.10
		HIGH	Q16	18.92	19.07	18.79	19.10
	50	LOW	Q16	19.04	19.03	19.05	19.10
10	1	LOW	64QAM	19.02	18.94	18.89	19.10
		MID	64QAM	18.86	19.06	19.00	19.10
		HIGH	64QAM	18.98	18.98	19.00	19.10
	25	LOW	64QAM	19.00	18.93	18.99	19.10
		MID	64QAM	19.03	19.10	18.84	19.10
		HIGH	64QAM	19.08	19.00	18.88	19.10
	50	LOW	64QAM	18.90	18.90	19.10	19.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.96	18.91	18.96	19.10
		MID	QPSK	19.04	19.03	19.03	19.10
		HIGH	QPSK	19.08	19.03	18.95	19.10
	36	LOW	QPSK	19.07	18.98	18.93	19.10
		MID	QPSK	18.86	18.94	18.90	19.10
		HIGH	QPSK	19.01	18.88	18.94	19.10
	75	LOW	QPSK	18.86	18.86	19.03	19.10
15	1	LOW	Q16	18.96	18.91	19.06	19.10
		MID	Q16	18.99	18.98	19.01	19.10
		HIGH	Q16	19.07	19.08	18.99	19.10
	36	LOW	Q16	19.07	18.92	18.87	19.10
		MID	Q16	19.01	19.02	19.08	19.10
		HIGH	Q16	19.09	18.94	18.95	19.10
	75	LOW	Q16	19.02	18.91	18.95	19.10
15	1	LOW	64QAM	19.03	19.09	19.07	19.10
		MID	64QAM	19.03	18.88	18.96	19.10
		HIGH	64QAM	18.70	18.94	19.07	19.10
	36	LOW	64QAM	18.93	18.92	19.03	19.10
		MID	64QAM	19.08	18.96	18.99	19.10
		HIGH	64QAM	19.09	19.07	18.88	19.10
	75	LOW	64QAM	18.88	19.02	18.97	19.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.03	19.05	18.96	19.10
		MID	QPSK	19.03	18.94	18.94	19.10
		HIGH	QPSK	19.02	19.00	19.01	19.10
	50	LOW	QPSK	18.96	19.04	19.02	19.10
		MID	QPSK	18.95	19.03	19.03	19.10
		HIGH	QPSK	18.95	18.93	19.03	19.10
	100	LOW	QPSK	18.99	18.98	19.10	19.10
20	1	LOW	Q16	19.09	19.04	19.00	19.10
		MID	Q16	19.00	19.10	19.01	19.10
		HIGH	Q16	18.97	19.08	19.09	19.10
	50	LOW	Q16	18.94	18.98	18.98	19.10
		MID	Q16	19.09	19.04	18.96	19.10
		HIGH	Q16	18.98	19.08	18.94	19.10
	100	LOW	Q16	19.03	18.96	19.05	19.10
20	1	LOW	64QAM	19.09	19.08	18.94	19.10
		MID	64QAM	18.96	18.96	19.06	19.10
		HIGH	64QAM	18.85	18.96	19.07	19.10
	50	LOW	64QAM	19.05	18.93	19.05	19.10
		MID	64QAM	18.97	18.99	18.95	19.10
		HIGH	64QAM	19.03	18.98	18.97	19.10
	100	LOW	64QAM	19.00	18.87	19.10	19.10

8.4.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.42	24.46	24.42	25.00
		MID	QPSK	24.67	24.66	24.56	25.00
		HIGH	QPSK	24.60	24.48	24.60	25.00
	3	LOW	QPSK	24.47	24.40	24.55	25.00
		MID	QPSK	24.57	24.66	24.65	25.00
		HIGH	QPSK	24.54	24.50	24.52	25.00
	6	LOW	QPSK	23.58	23.61	23.50	24.00
	1.4	LOW	Q16	23.29	23.88	23.68	24.00
		MID	Q16	23.59	23.78	23.46	24.00
		HIGH	Q16	23.54	23.61	23.62	24.00
		LOW	Q16	23.35	23.69	23.65	24.00
		MID	Q16	23.55	23.85	23.59	24.00
		HIGH	Q16	23.66	23.71	23.60	24.00
1.4	6	LOW	Q16	22.52	22.33	22.59	23.00
	1	LOW	64QAM	22.19	22.91	22.80	23.00
		MID	64QAM	22.56	22.88	22.60	23.00
		HIGH	64QAM	22.55	22.66	22.52	23.00
	3	LOW	64QAM	22.49	22.62	22.80	23.00
		MID	64QAM	22.43	22.94	22.63	23.00
		HIGH	64QAM	22.51	22.66	22.75	23.00
	6	LOW	64QAM	21.62	21.34	21.65	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.66	24.45	24.36	25.00
		MID	QPSK	24.46	24.53	24.46	25.00
		HIGH	QPSK	24.51	24.44	24.37	25.00
	8	LOW	QPSK	23.93	23.91	23.96	24.00
		MID	QPSK	23.94	23.88	23.97	24.00
		HIGH	QPSK	23.84	23.95	23.96	24.00
	15	LOW	QPSK	23.53	23.85	23.37	24.00
	3	LOW	Q16	23.53	23.65	23.54	24.00
		MID	Q16	23.52	23.87	23.45	24.00
		HIGH	Q16	23.58	23.82	23.44	24.00
		LOW	Q16	22.91	22.95	22.85	23.00
		MID	Q16	22.77	22.90	22.89	23.00
		HIGH	Q16	22.96	22.79	22.98	23.00
3	15	LOW	Q16	22.46	22.47	22.53	23.00
	1	LOW	64QAM	22.40	22.76	22.64	23.00
		MID	64QAM	22.66	22.67	22.84	23.00
		HIGH	64QAM	22.61	22.61	22.44	23.00
	8	LOW	64QAM	21.89	21.84	21.94	22.00
		MID	64QAM	21.82	21.88	21.98	22.00
		HIGH	64QAM	21.71	21.75	21.86	22.00
	15	LOW	64QAM	21.37	21.26	21.49	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.47	24.68	24.30	25.00
		MID	QPSK	24.42	24.49	24.62	25.00
		HIGH	QPSK	24.39	24.53	24.37	25.00
	12	LOW	QPSK	23.89	23.81	23.79	24.00
		MID	QPSK	23.96	23.93	23.88	24.00
		HIGH	QPSK	23.84	23.96	23.83	24.00
	25	LOW	QPSK	23.55	23.57	23.54	24.00
	5	LOW	Q16	23.46	23.92	23.44	24.00
		MID	Q16	23.70	23.72	23.57	24.00
		HIGH	Q16	23.62	23.75	23.71	24.00
		LOW	Q16	22.77	22.89	22.79	23.00
		MID	Q16	22.86	22.95	22.88	23.00
		HIGH	Q16	22.90	22.96	22.84	23.00
5	25	LOW	Q16	22.55	22.44	22.64	23.00
	1	LOW	64QAM	22.33	22.87	22.39	23.00
		MID	64QAM	22.73	22.73	22.85	23.00
		HIGH	64QAM	22.82	22.80	22.63	23.00
	12	LOW	64QAM	21.77	21.89	21.92	22.00
		MID	64QAM	21.94	21.88	21.90	22.00
		HIGH	64QAM	21.68	21.66	21.87	22.00
	25	LOW	64QAM	21.51	21.23	21.60	22.00

LTE B4-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.69	24.63	24.58	25.00
		MID	QPSK	24.57	24.65	24.39	25.00
		HIGH	QPSK	24.52	24.67	24.37	25.00
	25	LOW	QPSK	23.93	23.99	23.82	24.00
		MID	QPSK	23.85	23.90	23.94	24.00
		HIGH	QPSK	23.83	23.90	23.95	24.00
	50	LOW	QPSK	23.34	23.68	23.52	24.00
10	1	LOW	Q16	23.41	23.79	23.53	24.00
		MID	Q16	23.57	23.79	23.73	24.00
		HIGH	Q16	23.55	23.72	23.69	24.00
	25	LOW	Q16	22.79	22.88	22.94	23.00
		MID	Q16	22.76	22.98	22.95	23.00
		HIGH	Q16	22.92	22.91	22.95	23.00
	50	LOW	Q16	22.46	22.30	22.58	23.00
10	1	LOW	64QAM	22.19	22.76	22.62	23.00
		MID	64QAM	22.71	22.71	22.84	23.00
		HIGH	64QAM	22.67	22.55	22.59	23.00
	25	LOW	64QAM	21.72	21.96	21.83	22.00
		MID	64QAM	21.76	21.84	21.86	22.00
		HIGH	64QAM	21.94	21.69	21.83	22.00
	50	LOW	64QAM	21.25	21.15	21.42	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.54	24.43	24.57	25.00
		MID	QPSK	24.67	24.70	24.53	25.00
		HIGH	QPSK	24.42	24.62	24.55	25.00
	36	LOW	QPSK	23.96	23.96	23.81	24.00
		MID	QPSK	23.85	23.90	23.82	24.00
		HIGH	QPSK	23.79	23.95	23.87	24.00
	75	LOW	QPSK	23.30	23.78	23.59	24.00
15	1	LOW	Q16	23.38	23.85	23.49	24.00
		MID	Q16	23.52	23.76	23.62	24.00
		HIGH	Q16	23.49	23.82	23.58	24.00
	36	LOW	Q16	22.81	22.88	22.84	23.00
		MID	Q16	22.91	22.93	22.96	23.00
		HIGH	Q16	22.96	22.90	22.83	23.00
	75	LOW	Q16	22.60	22.41	22.61	23.00
15	1	LOW	64QAM	22.44	22.87	22.62	23.00
		MID	64QAM	22.71	22.76	22.75	23.00
		HIGH	64QAM	22.79	22.55	22.44	23.00
	36	LOW	64QAM	21.78	21.98	21.94	22.00
		MID	64QAM	21.80	21.95	21.94	22.00
		HIGH	64QAM	21.78	21.70	21.89	22.00
	75	LOW	64QAM	21.31	21.40	21.56	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.56	24.54	24.43	25.00
		MID	QPSK	24.56	24.57	24.51	25.00
		HIGH	QPSK	24.50	24.55	24.45	25.00
	50	LOW	QPSK	23.99	23.95	23.93	24.00
		MID	QPSK	23.98	23.99	23.96	24.00
		HIGH	QPSK	23.91	23.99	23.98	24.00
	100	LOW	QPSK	23.44	23.70	23.48	24.00
20	1	LOW	Q16	23.42	23.80	23.54	24.00
		MID	Q16	23.65	23.74	23.59	24.00
		HIGH	Q16	23.59	23.68	23.57	24.00
	50	LOW	Q16	22.90	22.92	22.90	23.00
		MID	Q16	22.89	22.90	22.98	23.00
		HIGH	Q16	22.93	22.91	22.97	23.00
	100	LOW	Q16	22.45	22.34	22.52	23.00
20	1	LOW	64QAM	22.32	22.74	22.54	23.00
		MID	64QAM	22.66	22.81	22.74	23.00
		HIGH	64QAM	22.69	22.70	22.48	23.00
	50	LOW	64QAM	21.83	21.83	21.98	22.00
		MID	64QAM	21.84	21.86	22.00	22.00
		HIGH	64QAM	21.82	21.81	21.91	22.00
	100	LOW	64QAM	21.39	21.29	21.56	22.00

LTE B4-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.99	21.37	21.46	21.50
		MID	QPSK	21.49	21.49	21.46	21.50
		HIGH	QPSK	21.24	21.25	21.45	21.50
	3	LOW	QPSK	21.19	21.13	21.39	21.50
		MID	QPSK	21.50	21.34	21.44	21.50
		HIGH	QPSK	21.38	21.37	21.43	21.50
	6	LOW	QPSK	21.49	21.43	21.46	21.50
	1.4	LOW	Q16	21.12	21.46	21.48	21.50
		MID	Q16	21.41	21.34	21.48	21.50
		HIGH	Q16	21.14	20.91	21.45	21.50
		LOW	Q16	21.08	21.32	21.43	21.50
		MID	Q16	21.44	21.29	21.31	21.50
		HIGH	Q16	21.18	21.04	21.38	21.50
1.4	6	LOW	Q16	21.35	21.28	21.44	21.50
	1	LOW	64QAM	21.09	21.31	21.45	21.50
		MID	64QAM	21.41	21.49	21.50	21.50
		HIGH	64QAM	21.10	21.14	21.46	21.50
	3	LOW	64QAM	21.18	21.26	21.35	21.50
		MID	64QAM	21.40	21.29	21.47	21.50
		HIGH	64QAM	21.16	21.08	21.32	21.50
	6	LOW	64QAM	21.34	21.40	21.32	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	21.12	21.39	21.40	21.50
		MID	QPSK	21.42	21.48	21.40	21.50
		HIGH	QPSK	21.49	21.26	21.45	21.50
	8	LOW	QPSK	21.46	21.41	21.42	21.50
		MID	QPSK	21.40	21.46	21.33	21.50
		HIGH	QPSK	21.36	21.34	21.40	21.50
	15	LOW	QPSK	21.40	21.40	21.41	21.50
	3	LOW	Q16	21.34	21.50	21.33	21.50
		MID	Q16	21.48	21.39	21.35	21.50
		HIGH	Q16	21.07	21.03	21.34	21.50
		LOW	Q16	21.39	21.30	21.50	21.50
		MID	Q16	21.26	21.42	21.36	21.50
		HIGH	Q16	21.49	21.49	21.44	21.50
3	15	LOW	Q16	21.32	21.43	21.43	21.50
	1	LOW	64QAM	21.17	21.41	21.20	21.50
		MID	64QAM	21.34	21.40	21.42	21.50
		HIGH	64QAM	21.28	20.90	21.30	21.50
	8	LOW	64QAM	21.27	21.31	21.35	21.50
		MID	64QAM	21.31	21.27	21.30	21.50
		HIGH	64QAM	21.35	21.33	21.37	21.50
	15	LOW	64QAM	21.29	21.46	21.37	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	21.28	21.38	21.46	21.50
		MID	QPSK	21.35	21.38	21.30	21.50
		HIGH	QPSK	21.35	21.47	21.39	21.50
	12	LOW	QPSK	21.42	21.47	21.33	21.50
		MID	QPSK	21.46	21.46	21.37	21.50
		HIGH	QPSK	21.29	21.36	21.32	21.50
	25	LOW	QPSK	21.44	21.43	21.46	21.50
	5	LOW	Q16	21.05	21.36	21.33	21.50
		MID	Q16	21.45	21.33	21.48	21.50
		HIGH	Q16	21.07	21.12	21.45	21.50
		LOW	Q16	21.46	21.48	21.49	21.50
		MID	Q16	21.29	21.33	21.35	21.50
		HIGH	Q16	21.34	21.50	21.39	21.50
5	25	LOW	Q16	21.50	21.47	21.43	21.50
	1	LOW	64QAM	21.13	21.17	21.15	21.50
		MID	64QAM	21.50	21.32	21.28	21.50
		HIGH	64QAM	21.33	20.91	21.46	21.50
	12	LOW	64QAM	21.29	21.45	21.37	21.50
		MID	64QAM	21.17	21.46	21.37	21.50
		HIGH	64QAM	21.31	21.36	21.16	21.50
	25	LOW	64QAM	21.42	21.39	21.33	21.50

LTE B4-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	21.06	21.16	21.33	21.50
		MID	QPSK	21.43	21.47	21.45	21.50
		HIGH	QPSK	21.36	21.37	21.48	21.50
	25	LOW	QPSK	21.39	21.47	21.39	21.50
		MID	QPSK	21.35	21.50	21.35	21.50
		HIGH	QPSK	21.25	21.47	21.46	21.50
	50	LOW	QPSK	21.46	21.32	21.32	21.50
10	1	LOW	Q16	21.32	21.41	21.26	21.50
		MID	Q16	21.49	21.37	21.48	21.50
		HIGH	Q16	21.10	21.20	21.42	21.50
	25	LOW	Q16	21.42	21.46	21.42	21.50
		MID	Q16	21.45	21.31	21.33	21.50
		HIGH	Q16	21.47	21.39	21.35	21.50
	50	LOW	Q16	21.45	21.42	21.39	21.50
10	1	LOW	64QAM	21.29	21.18	21.09	21.50
		MID	64QAM	21.44	21.32	21.20	21.50
		HIGH	64QAM	21.29	21.10	21.32	21.50
	25	LOW	64QAM	21.46	21.39	21.43	21.50
		MID	64QAM	21.39	21.28	21.32	21.50
		HIGH	64QAM	21.42	21.43	21.22	21.50
	50	LOW	64QAM	21.45	21.39	21.50	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	21.03	21.16	21.47	21.50
		MID	QPSK	21.49	21.42	21.33	21.50
		HIGH	QPSK	21.27	21.28	21.49	21.50
	36	LOW	QPSK	21.50	21.37	21.35	21.50
		MID	QPSK	21.41	21.45	21.35	21.50
		HIGH	QPSK	21.39	21.36	21.47	21.50
	75	LOW	QPSK	21.41	21.31	21.44	21.50
15	1	LOW	Q16	21.25	21.37	21.46	21.50
		MID	Q16	21.37	21.46	21.44	21.50
		HIGH	Q16	21.07	21.10	21.37	21.50
	36	LOW	Q16	21.38	21.33	21.46	21.50
		MID	Q16	21.39	21.46	21.45	21.50
		HIGH	Q16	21.37	21.44	21.42	21.50
	75	LOW	Q16	21.36	21.42	21.47	21.50
15	1	LOW	64QAM	21.28	21.24	21.15	21.50
		MID	64QAM	21.34	21.39	21.45	21.50
		HIGH	64QAM	21.38	21.17	21.44	21.50
	36	LOW	64QAM	21.48	21.42	21.49	21.50
		MID	64QAM	21.14	21.39	21.25	21.50
		HIGH	64QAM	21.40	21.35	21.28	21.50
	75	LOW	64QAM	21.30	21.34	21.34	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	21.14	21.25	21.24	21.50
		MID	QPSK	21.16	21.23	21.24	21.50
		HIGH	QPSK	21.19	21.25	21.28	21.50
	50	LOW	QPSK	21.46	21.49	21.45	21.50
		MID	QPSK	21.49	21.45	21.48	21.50
		HIGH	QPSK	21.40	21.47	21.43	21.50
	100	LOW	QPSK	21.49	21.45	21.40	21.50
20	1	LOW	Q16	21.20	21.43	21.39	21.50
		MID	Q16	21.44	21.43	21.39	21.50
		HIGH	Q16	21.16	21.05	21.43	21.50
	50	LOW	Q16	21.50	21.43	21.44	21.50
		MID	Q16	21.41	21.45	21.41	21.50
		HIGH	Q16	21.45	21.49	21.41	21.50
	100	LOW	Q16	21.46	21.43	21.48	21.50
20	1	LOW	64QAM	21.18	21.32	21.24	21.50
		MID	64QAM	21.43	21.39	21.32	21.50
		HIGH	64QAM	21.25	21.02	21.35	21.50
	50	LOW	64QAM	21.42	21.31	21.43	21.50
		MID	64QAM	21.27	21.32	21.33	21.50
		HIGH	64QAM	21.32	21.48	21.27	21.50
	100	LOW	64QAM	21.38	21.46	21.48	21.50

LTE B4-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.38	16.47	16.78	17.00
		MID	QPSK	16.73	16.88	16.90	17.00
		HIGH	QPSK	16.58	16.56	16.93	17.00
	3	LOW	QPSK	16.46	16.45	16.94	17.00
		MID	QPSK	16.87	16.97	16.91	17.00
		HIGH	QPSK	16.81	16.76	16.85	17.00
	6	LOW	QPSK	16.79	16.76	16.85	17.00
1.4	1	LOW	Q16	16.70	16.61	16.96	17.00
		MID	Q16	16.86	16.80	16.91	17.00
		HIGH	Q16	16.48	16.20	16.79	17.00
	3	LOW	Q16	16.72	16.64	16.87	17.00
		MID	Q16	16.94	16.76	16.94	17.00
		HIGH	Q16	16.47	16.27	16.89	17.00
	6	LOW	Q16	16.93	16.85	16.85	17.00
1.4	1	LOW	64QAM	16.56	16.50	16.98	17.00
		MID	64QAM	16.94	16.80	16.99	17.00
		HIGH	64QAM	16.48	16.31	16.75	17.00
	3	LOW	64QAM	16.73	16.83	16.83	17.00
		MID	64QAM	16.86	16.74	16.88	17.00
		HIGH	64QAM	16.45	16.10	16.93	17.00
	6	LOW	64QAM	16.84	16.80	16.70	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	16.46	16.45	16.95	17.00
		MID	QPSK	16.90	16.98	16.90	17.00
		HIGH	QPSK	16.77	16.48	16.87	17.00
	8	LOW	QPSK	16.62	16.74	16.86	17.00
		MID	QPSK	16.91	16.92	16.94	17.00
		HIGH	QPSK	16.89	16.96	16.91	17.00
	15	LOW	QPSK	16.76	16.82	16.91	17.00
3	1	LOW	Q16	16.77	16.77	16.83	17.00
		MID	Q16	16.93	16.82	16.97	17.00
		HIGH	Q16	16.39	16.27	16.91	17.00
	8	LOW	Q16	16.81	16.79	16.88	17.00
		MID	Q16	16.79	16.66	16.62	17.00
		HIGH	Q16	16.65	17.00	16.99	17.00
	15	LOW	Q16	16.70	16.95	16.79	17.00
3	1	LOW	64QAM	16.58	16.85	16.86	17.00
		MID	64QAM	16.97	17.00	16.99	17.00
		HIGH	64QAM	16.57	16.26	16.79	17.00
	8	LOW	64QAM	16.77	16.86	16.75	17.00
		MID	64QAM	16.81	16.93	16.76	17.00
		HIGH	64QAM	16.35	16.75	16.83	17.00
	15	LOW	64QAM	16.85	16.99	16.75	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	16.45	16.41	16.76	17.00
		MID	QPSK	16.92	16.98	16.80	17.00
		HIGH	QPSK	16.86	16.64	16.84	17.00
	12	LOW	QPSK	16.83	16.77	16.85	17.00
		MID	QPSK	16.77	16.85	16.81	17.00
		HIGH	QPSK	16.91	16.93	16.68	17.00
	25	LOW	QPSK	16.90	16.83	16.93	17.00
5	1	LOW	Q16	16.62	16.62	16.93	17.00
		MID	Q16	16.82	16.85	16.98	17.00
		HIGH	Q16	16.40	16.33	16.74	17.00
	12	LOW	Q16	16.77	16.80	16.94	17.00
		MID	Q16	16.82	16.60	16.81	17.00
		HIGH	Q16	16.51	16.95	16.85	17.00
	25	LOW	Q16	16.92	16.97	16.62	17.00
5	1	LOW	64QAM	16.73	16.68	16.90	17.00
		MID	64QAM	16.97	16.79	16.98	17.00
		HIGH	64QAM	16.69	16.35	16.89	17.00
	12	LOW	64QAM	16.65	16.78	16.93	17.00
		MID	64QAM	16.65	16.83	16.69	17.00
		HIGH	64QAM	16.36	16.98	16.99	17.00
	25	LOW	64QAM	16.85	16.94	16.84	17.00

LTE B4-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	16.34	16.65	16.96	17.00
		MID	QPSK	16.70	16.85	16.81	17.00
		HIGH	QPSK	16.72	16.69	16.97	17.00
	25	LOW	QPSK	16.87	16.81	16.97	17.00
		MID	QPSK	16.76	16.86	16.72	17.00
		HIGH	QPSK	16.72	16.94	16.87	17.00
	50	LOW	QPSK	16.90	16.92	16.82	17.00
10	1	LOW	Q16	16.75	16.68	16.98	17.00
		MID	Q16	16.92	16.95	16.97	17.00
		HIGH	Q16	16.44	16.42	16.76	17.00
	25	LOW	Q16	16.79	16.92	16.88	17.00
		MID	Q16	16.88	16.65	16.91	17.00
		HIGH	Q16	16.56	16.93	16.84	17.00
	50	LOW	Q16	16.83	16.88	16.78	17.00
10	1	LOW	64QAM	16.69	16.75	16.94	17.00
		MID	64QAM	16.87	16.79	16.90	17.00
		HIGH	64QAM	16.80	16.31	16.70	17.00
	25	LOW	64QAM	16.70	16.75	16.95	17.00
		MID	64QAM	16.85	16.89	16.87	17.00
		HIGH	64QAM	16.54	16.75	16.82	17.00
	50	LOW	64QAM	16.85	16.85	16.63	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	16.33	16.66	16.91	17.00
		MID	QPSK	16.83	16.86	16.98	17.00
		HIGH	QPSK	16.67	16.74	16.87	17.00
	36	LOW	QPSK	16.73	16.71	16.89	17.00
		MID	QPSK	16.67	16.99	16.93	17.00
		HIGH	QPSK	16.87	16.92	16.66	17.00
	75	LOW	QPSK	16.96	16.78	16.78	17.00
15	1	LOW	Q16	16.58	16.77	16.87	17.00
		MID	Q16	16.94	16.87	16.97	17.00
		HIGH	Q16	16.64	16.29	16.72	17.00
	36	LOW	Q16	16.79	16.87	16.99	17.00
		MID	Q16	16.85	16.68	16.63	17.00
		HIGH	Q16	16.53	16.77	16.78	17.00
	75	LOW	Q16	16.68	16.72	16.69	17.00
15	1	LOW	64QAM	16.64	16.77	16.74	17.00
		MID	64QAM	16.97	16.99	16.86	17.00
		HIGH	64QAM	16.55	16.42	16.66	17.00
	36	LOW	64QAM	16.70	16.97	16.88	17.00
		MID	64QAM	16.67	16.74	16.77	17.00
		HIGH	64QAM	16.49	16.86	16.85	17.00
	75	LOW	64QAM	16.98	16.76	16.59	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	16.39	16.55	16.49	17.00
		MID	QPSK	16.47	16.52	16.50	17.00
		HIGH	QPSK	16.41	16.53	16.48	17.00
	50	LOW	QPSK	16.77	16.77	16.68	17.00
		MID	QPSK	16.77	16.75	16.73	17.00
		HIGH	QPSK	16.67	16.72	16.71	17.00
	100	LOW	QPSK	16.89	16.88	16.93	17.00
20	1	LOW	Q16	16.67	16.72	16.92	17.00
		MID	Q16	16.94	16.90	17.00	17.00
		HIGH	Q16	16.54	16.33	16.84	17.00
	50	LOW	Q16	16.67	16.87	16.98	17.00
		MID	Q16	16.78	16.67	16.77	17.00
		HIGH	Q16	16.58	16.92	16.84	17.00
	100	LOW	Q16	16.83	16.86	16.74	17.00
20	1	LOW	64QAM	16.72	16.82	16.83	17.00
		MID	64QAM	16.96	16.93	17.00	17.00
		HIGH	64QAM	16.69	16.39	16.78	17.00
	50	LOW	64QAM	16.79	16.84	16.90	17.00
		MID	64QAM	16.73	16.80	16.82	17.00
		HIGH	64QAM	16.46	16.87	16.96	17.00
	100	LOW	64QAM	16.93	16.87	16.74	17.00

LTE B4-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.42	19.68	19.84	20.00
		MID	QPSK	19.90	19.92	19.98	20.00
		HIGH	QPSK	19.90	19.81	19.91	20.00
	3	LOW	QPSK	19.52	19.69	19.86	20.00
		MID	QPSK	19.91	19.89	19.96	20.00
		HIGH	QPSK	19.71	19.61	19.99	20.00
	6	LOW	QPSK	19.88	19.88	19.83	20.00
	1.4	LOW	Q16	19.77	19.79	19.82	20.00
		MID	Q16	19.69	19.71	19.91	20.00
		HIGH	Q16	19.46	19.81	19.33	20.00
		LOW	Q16	19.67	19.89	19.91	20.00
		MID	Q16	19.82	19.83	19.71	20.00
		HIGH	Q16	19.63	19.63	19.33	20.00
1.4	6	LOW	Q16	19.97	19.87	19.88	20.00
	1	LOW	64QAM	19.56	19.74	19.70	20.00
		MID	64QAM	19.74	19.60	19.84	20.00
		HIGH	64QAM	19.64	19.67	19.19	20.00
	3	LOW	64QAM	19.93	19.53	19.65	20.00
		MID	64QAM	19.51	19.89	19.93	20.00
		HIGH	64QAM	19.48	19.68	19.32	20.00
	6	LOW	64QAM	19.83	19.72	19.81	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.42	19.60	19.90	20.00
		MID	QPSK	19.75	19.98	19.93	20.00
		HIGH	QPSK	19.67	19.90	19.78	20.00
	8	LOW	QPSK	19.93	19.77	20.00	20.00
		MID	QPSK	19.97	19.82	19.83	20.00
		HIGH	QPSK	19.86	19.78	19.99	20.00
	15	LOW	QPSK	19.90	19.91	19.83	20.00
	3	LOW	Q16	19.75	19.85	19.83	20.00
		MID	Q16	19.68	19.82	19.89	20.00
		HIGH	Q16	19.64	19.78	19.18	20.00
		LOW	Q16	19.64	19.98	19.92	20.00
		MID	Q16	19.85	19.83	19.93	20.00
		HIGH	Q16	19.97	19.78	19.97	20.00
3	15	LOW	Q16	19.84	19.81	20.00	20.00
	1	LOW	64QAM	19.56	19.96	19.76	20.00
		MID	64QAM	19.55	19.89	19.70	20.00
		HIGH	64QAM	19.42	19.69	19.06	20.00
	8	LOW	64QAM	19.87	19.84	19.81	20.00
		MID	64QAM	19.75	19.91	19.83	20.00
		HIGH	64QAM	19.85	19.83	19.81	20.00
	15	LOW	64QAM	19.82	19.75	19.77	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.62	19.75	19.94	20.00
		MID	QPSK	19.83	19.76	19.85	20.00
		HIGH	QPSK	19.90	19.84	19.87	20.00
	12	LOW	QPSK	19.72	19.92	19.83	20.00
		MID	QPSK	19.75	19.78	19.97	20.00
		HIGH	QPSK	19.79	19.76	19.93	20.00
	25	LOW	QPSK	19.88	19.99	19.86	20.00
	5	LOW	Q16	19.77	19.68	19.77	20.00
		MID	Q16	19.87	19.93	19.83	20.00
		HIGH	Q16	19.42	19.73	19.19	20.00
		LOW	Q16	19.68	19.94	19.84	20.00
		MID	Q16	19.81	19.93	19.94	20.00
		HIGH	Q16	19.90	19.68	19.77	20.00
5	25	LOW	Q16	19.81	20.00	19.78	20.00
	1	LOW	64QAM	19.65	19.78	19.75	20.00
		MID	64QAM	19.58	19.98	19.92	20.00
		HIGH	64QAM	19.54	19.84	19.29	20.00
	12	LOW	64QAM	19.64	19.85	19.87	20.00
		MID	64QAM	19.59	19.91	19.80	20.00
		HIGH	64QAM	19.80	19.94	19.87	20.00
	25	LOW	64QAM	19.98	19.92	19.78	20.00

LTE B4-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.70	19.52	19.95	20.00
		MID	QPSK	19.80	19.82	19.96	20.00
		HIGH	QPSK	19.62	19.61	19.92	20.00
	25	LOW	QPSK	19.72	19.78	19.87	20.00
		MID	QPSK	19.85	19.78	19.76	20.00
		HIGH	QPSK	19.99	19.75	19.94	20.00
	50	LOW	QPSK	19.89	19.84	19.86	20.00
10	1	LOW	Q16	19.85	19.93	19.92	20.00
		MID	Q16	19.92	19.91	19.72	20.00
		HIGH	Q16	19.51	19.65	19.26	20.00
	25	LOW	Q16	19.70	19.84	19.89	20.00
		MID	Q16	19.77	19.87	19.90	20.00
		HIGH	Q16	19.91	19.61	19.92	20.00
	50	LOW	Q16	20.00	19.95	19.73	20.00
10	1	LOW	64QAM	19.72	19.76	19.80	20.00
		MID	64QAM	19.58	19.94	19.88	20.00
		HIGH	64QAM	19.65	19.60	19.26	20.00
	25	LOW	64QAM	19.64	19.87	19.98	20.00
		MID	64QAM	19.78	19.72	19.83	20.00
		HIGH	64QAM	19.87	19.73	19.89	20.00
	50	LOW	64QAM	19.94	19.91	19.88	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.55	19.55	19.97	20.00
		MID	QPSK	19.89	19.77	19.92	20.00
		HIGH	QPSK	19.72	19.65	19.89	20.00
	36	LOW	QPSK	19.92	19.78	19.93	20.00
		MID	QPSK	19.96	19.84	19.87	20.00
		HIGH	QPSK	19.82	19.79	19.82	20.00
	75	LOW	QPSK	19.94	19.84	19.84	20.00
15	1	LOW	Q16	19.69	19.82	19.95	20.00
		MID	Q16	19.81	19.93	19.87	20.00
		HIGH	Q16	19.60	19.51	19.08	20.00
	36	LOW	Q16	19.69	19.97	19.98	20.00
		MID	Q16	19.79	19.94	19.99	20.00
		HIGH	Q16	20.00	19.91	19.78	20.00
	75	LOW	Q16	19.93	19.77	19.74	20.00
15	1	LOW	64QAM	19.80	19.88	19.77	20.00
		MID	64QAM	19.49	19.94	19.71	20.00
		HIGH	64QAM	19.63	19.62	19.09	20.00
	36	LOW	64QAM	19.59	19.88	19.74	20.00
		MID	64QAM	19.56	19.87	19.96	20.00
		HIGH	64QAM	19.66	19.94	19.78	20.00
	75	LOW	64QAM	19.85	19.94	19.85	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.57	19.66	19.61	20.00
		MID	QPSK	19.62	19.61	19.58	20.00
		HIGH	QPSK	19.60	19.65	19.61	20.00
	50	LOW	QPSK	19.86	19.92	19.91	20.00
		MID	QPSK	19.86	19.89	19.90	20.00
		HIGH	QPSK	19.91	19.89	19.89	20.00
	100	LOW	QPSK	20.00	19.93	19.98	20.00
20	1	LOW	Q16	19.71	19.78	19.89	20.00
		MID	Q16	19.77	19.84	19.81	20.00
		HIGH	Q16	19.57	19.66	19.23	20.00
	50	LOW	Q16	19.78	19.99	19.97	20.00
		MID	Q16	19.77	19.97	20.00	20.00
		HIGH	Q16	19.90	19.76	19.92	20.00
	100	LOW	Q16	19.95	19.89	19.85	20.00
20	1	LOW	64QAM	19.71	19.88	19.85	20.00
		MID	64QAM	19.62	19.93	19.81	20.00
		HIGH	64QAM	19.50	19.73	19.15	20.00
	50	LOW	64QAM	19.72	19.98	19.89	20.00
		MID	64QAM	19.69	19.82	19.88	20.00
		HIGH	64QAM	19.81	19.85	19.84	20.00
	100	LOW	64QAM	19.87	19.87	19.74	20.00

LTE B4-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.98	16.45	16.47	16.50
		MID	QPSK	16.34	16.37	16.45	16.50
		HIGH	QPSK	16.13	16.35	16.23	16.50
	3	LOW	QPSK	15.94	16.45	16.27	16.50
		MID	QPSK	16.44	16.36	16.34	16.50
		HIGH	QPSK	16.23	16.46	16.29	16.50
	6	LOW	QPSK	16.33	16.38	16.28	16.50
	1.4	LOW	Q16	16.04	16.22	16.28	16.50
		MID	Q16	16.40	16.39	16.24	16.50
		HIGH	Q16	16.13	15.56	16.24	16.50
		LOW	Q16	16.08	16.28	16.41	16.50
		MID	Q16	16.36	16.20	16.36	16.50
		HIGH	Q16	16.05	15.64	16.27	16.50
1.4	6	LOW	Q16	16.50	16.30	16.46	16.50
	1	LOW	64QAM	16.10	16.19	16.37	16.50
		MID	64QAM	16.27	16.38	16.15	16.50
		HIGH	64QAM	16.14	15.63	16.24	16.50
	3	LOW	64QAM	16.03	16.29	16.45	16.50
		MID	64QAM	16.36	16.19	16.40	16.50
		HIGH	64QAM	16.11	15.70	16.39	16.50
	6	LOW	64QAM	16.37	16.21	16.35	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	15.89	16.31	16.39	16.50
		MID	QPSK	16.44	16.30	16.37	16.50
		HIGH	QPSK	16.23	16.41	16.25	16.50
	8	LOW	QPSK	16.23	16.23	16.40	16.50
		MID	QPSK	16.28	16.50	16.29	16.50
		HIGH	QPSK	16.46	16.38	16.44	16.50
	15	LOW	QPSK	16.49	16.34	16.44	16.50
	3	LOW	Q16	16.31	16.28	16.44	16.50
		MID	Q16	16.45	16.27	16.22	16.50
		HIGH	Q16	15.95	15.58	15.98	16.50
		LOW	Q16	16.25	16.25	16.14	16.50
		MID	Q16	16.35	16.46	16.34	16.50
		HIGH	Q16	16.44	16.42	16.18	16.50
3	15	LOW	Q16	16.49	16.36	16.43	16.50
	1	LOW	64QAM	16.19	16.11	16.31	16.50
		MID	64QAM	16.38	16.46	16.15	16.50
		HIGH	64QAM	15.99	15.35	15.86	16.50
	8	LOW	64QAM	16.16	16.29	16.31	16.50
		MID	64QAM	16.45	16.49	16.25	16.50
		HIGH	64QAM	16.39	16.33	16.00	16.50
	15	LOW	64QAM	16.21	16.04	16.25	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	16.03	16.50	16.30	16.50
		MID	QPSK	16.41	16.42	16.32	16.50
		HIGH	QPSK	16.23	16.40	16.26	16.50
	12	LOW	QPSK	16.39	16.30	16.37	16.50
		MID	QPSK	16.28	16.40	16.41	16.50
		HIGH	QPSK	16.43	16.39	16.24	16.50
	25	LOW	QPSK	16.32	16.48	16.35	16.50
	5	LOW	Q16	16.23	16.23	16.49	16.50
		MID	Q16	16.40	16.50	16.34	16.50
		HIGH	Q16	16.11	15.55	16.07	16.50
		LOW	Q16	16.21	16.38	16.16	16.50
		MID	Q16	16.45	16.49	16.46	16.50
		HIGH	Q16	16.31	16.47	16.11	16.50
5	25	LOW	Q16	16.36	16.18	16.46	16.50
	1	LOW	64QAM	16.14	16.01	16.29	16.50
		MID	64QAM	16.41	16.32	16.32	16.50
		HIGH	64QAM	15.98	15.37	16.03	16.50
	12	LOW	64QAM	16.18	16.29	16.32	16.50
		MID	64QAM	16.48	16.44	16.31	16.50
		HIGH	64QAM	16.30	16.32	16.18	16.50
	25	LOW	64QAM	16.19	16.10	16.27	16.50

LTE B4-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	15.92	16.39	16.42	16.50
		MID	QPSK	16.50	16.35	16.43	16.50
		HIGH	QPSK	16.27	16.46	16.28	16.50
	25	LOW	QPSK	16.34	16.32	16.48	16.50
		MID	QPSK	16.25	16.36	16.28	16.50
		HIGH	QPSK	16.31	16.44	16.32	16.50
	50	LOW	QPSK	16.49	16.46	16.44	16.50
10	1	LOW	Q16	16.15	16.26	16.44	16.50
		MID	Q16	16.50	16.32	16.38	16.50
		HIGH	Q16	15.93	15.68	16.13	16.50
	25	LOW	Q16	16.20	16.31	16.24	16.50
		MID	Q16	16.45	16.33	16.27	16.50
		HIGH	Q16	16.43	16.50	16.36	16.50
	50	LOW	Q16	16.45	16.24	16.36	16.50
10	1	LOW	64QAM	16.16	16.16	16.38	16.50
		MID	64QAM	16.50	16.26	16.16	16.50
		HIGH	64QAM	16.01	15.40	16.06	16.50
	25	LOW	64QAM	16.20	16.40	16.33	16.50
		MID	64QAM	16.42	16.37	16.43	16.50
		HIGH	64QAM	16.28	16.47	16.24	16.50
	50	LOW	64QAM	16.45	16.02	16.32	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	15.85	16.42	16.48	16.50
		MID	QPSK	16.44	16.36	16.35	16.50
		HIGH	QPSK	16.02	16.44	16.40	16.50
	36	LOW	QPSK	16.48	16.45	16.47	16.50
		MID	QPSK	16.36	16.39	16.40	16.50
		HIGH	QPSK	16.43	16.36	16.44	16.50
	75	LOW	QPSK	16.30	16.24	16.50	16.50
15	1	LOW	Q16	16.12	16.20	16.46	16.50
		MID	Q16	16.35	16.20	16.26	16.50
		HIGH	Q16	16.17	15.65	16.23	16.50
	36	LOW	Q16	16.29	16.40	16.13	16.50
		MID	Q16	16.41	16.31	16.28	16.50
		HIGH	Q16	16.26	16.38	16.19	16.50
	75	LOW	Q16	16.45	16.38	16.40	16.50
15	1	LOW	64QAM	16.05	16.25	16.14	16.50
		MID	64QAM	16.38	16.45	16.03	16.50
		HIGH	64QAM	15.99	15.48	15.93	16.50
	36	LOW	64QAM	16.11	16.28	16.33	16.50
		MID	64QAM	16.45	16.40	16.39	16.50
		HIGH	64QAM	16.37	16.34	16.04	16.50
	75	LOW	64QAM	16.45	16.10	16.32	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	15.97	16.45	16.42	16.50
		MID	QPSK	16.43	16.43	16.31	16.50
		HIGH	QPSK	16.17	16.43	16.38	16.50
	50	LOW	QPSK	16.27	16.30	16.28	16.50
		MID	QPSK	16.29	16.24	16.25	16.50
		HIGH	QPSK	16.25	16.24	16.23	16.50
	100	LOW	QPSK	16.44	16.39	16.43	16.50
20	1	LOW	Q16	16.18	16.25	16.39	16.50
		MID	Q16	16.49	16.35	16.31	16.50
		HIGH	Q16	16.03	15.53	16.13	16.50
	50	LOW	Q16	16.26	16.30	16.21	16.50
		MID	Q16	16.47	16.42	16.36	16.50
		HIGH	Q16	16.37	16.40	16.25	16.50
	100	LOW	Q16	16.45	16.25	16.48	16.50
20	1	LOW	64QAM	16.13	16.16	16.27	16.50
		MID	64QAM	16.39	16.39	16.17	16.50
		HIGH	64QAM	16.11	15.46	15.98	16.50
	50	LOW	64QAM	16.11	16.42	16.21	16.50
		MID	64QAM	16.33	16.49	16.33	16.50
		HIGH	64QAM	16.42	16.46	16.13	16.50
	100	LOW	64QAM	16.32	16.13	16.35	16.50

8.4.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.29	24.33	24.08	24.60
		MID	QPSK	24.40	24.06	24.06	24.60
		HIGH	QPSK	24.16	24.14	23.92	24.60
	3	LOW	QPSK	24.37	24.35	24.08	24.60
		MID	QPSK	24.32	24.13	24.04	24.60
		HIGH	QPSK	24.05	24.35	24.00	24.60
	6	LOW	QPSK	23.21	23.32	23.23	23.60
	1.4	LOW	Q16	23.42	23.42	23.13	23.60
		MID	Q16	23.35	23.59	23.21	23.60
		HIGH	Q16	23.34	23.30	23.20	23.60
		LOW	Q16	23.34	23.39	23.20	23.60
		MID	Q16	23.39	23.45	23.14	23.60
		HIGH	Q16	23.22	23.49	23.25	23.60
1.4	6	LOW	Q16	21.94	21.98	22.17	22.60
	1	LOW	64QAM	22.17	22.32	22.14	22.60
		MID	64QAM	22.36	22.49	22.35	22.60
		HIGH	64QAM	22.33	22.35	22.15	22.60
	3	LOW	64QAM	22.49	22.40	22.37	22.60
		MID	64QAM	22.43	22.44	22.06	22.60
		HIGH	64QAM	22.31	22.38	21.97	22.60
	6	LOW	64QAM	20.84	21.01	21.11	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.32	24.29	23.93	24.60
		MID	QPSK	24.34	24.34	24.17	24.60
		HIGH	QPSK	24.13	24.19	24.06	24.60
	8	LOW	QPSK	24.40	24.21	24.04	24.60
		MID	QPSK	24.16	24.27	23.92	24.60
		HIGH	QPSK	24.33	24.31	23.97	24.60
	15	LOW	QPSK	23.10	23.25	23.23	23.60
	3	LOW	Q16	23.41	23.45	23.15	23.60
		MID	Q16	23.34	23.52	23.35	23.60
		HIGH	Q16	23.42	23.32	23.08	23.60
		LOW	Q16	22.70	22.94	22.83	23.60
		MID	Q16	23.26	23.12	22.93	23.60
		HIGH	Q16	23.06	23.07	22.71	23.60
3	15	LOW	Q16	22.05	21.99	22.14	22.60
	1	LOW	64QAM	22.41	22.59	21.98	22.60
		MID	64QAM	22.12	22.45	21.98	22.60
		HIGH	64QAM	22.22	22.31	22.16	22.60
	8	LOW	64QAM	21.04	20.96	21.09	21.60
		MID	64QAM	21.18	21.09	20.92	21.60
		HIGH	64QAM	20.90	20.74	20.91	21.60
	15	LOW	64QAM	21.01	21.05	21.38	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.24	24.29	24.01	24.60
		MID	QPSK	24.16	24.21	23.95	24.60
		HIGH	QPSK	24.10	24.27	23.97	24.60
	12	LOW	QPSK	24.44	24.20	23.99	24.60
		MID	QPSK	24.22	24.16	24.00	24.60
		HIGH	QPSK	24.35	24.41	23.96	24.60
	25	LOW	QPSK	23.06	23.37	23.09	23.60
	5	LOW	Q16	23.47	23.55	23.03	23.60
		MID	Q16	23.42	23.56	23.20	23.60
		HIGH	Q16	23.34	23.26	23.32	23.60
		LOW	Q16	22.65	23.24	22.81	23.60
		MID	Q16	23.17	22.95	22.85	23.60
		HIGH	Q16	22.89	23.00	22.74	23.60
5	25	LOW	Q16	21.97	22.05	22.26	22.60
	1	LOW	64QAM	22.36	22.53	22.24	22.60
		MID	64QAM	22.11	22.57	22.18	22.60
		HIGH	64QAM	22.28	22.25	22.15	22.60
	12	LOW	64QAM	20.98	21.12	20.89	21.60
		MID	64QAM	20.96	21.32	20.90	21.60
		HIGH	64QAM	21.08	20.82	20.87	21.60
	25	LOW	64QAM	21.15	20.88	21.13	21.60

LTE B4-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.13	24.36	23.83	24.60
		MID	QPSK	24.24	24.33	24.01	24.60
		HIGH	QPSK	24.26	24.13	23.89	24.60
	25	LOW	QPSK	24.27	24.23	24.12	24.60
		MID	QPSK	24.23	24.15	24.14	24.60
		HIGH	QPSK	24.25	24.20	24.19	24.60
	50	LOW	QPSK	23.13	23.25	22.99	23.60
10	1	LOW	Q16	23.44	23.32	23.18	23.60
		MID	Q16	23.32	23.48	23.22	23.60
		HIGH	Q16	23.19	23.50	23.15	23.60
	25	LOW	Q16	22.67	23.04	22.84	23.60
		MID	Q16	23.15	22.88	22.97	23.60
		HIGH	Q16	23.14	23.10	22.67	23.60
	50	LOW	Q16	22.00	22.06	22.21	22.60
10	1	LOW	64QAM	22.45	22.53	22.05	22.60
		MID	64QAM	22.17	22.35	22.26	22.60
		HIGH	64QAM	22.27	22.28	22.38	22.60
	25	LOW	64QAM	20.99	21.10	21.09	21.60
		MID	64QAM	20.92	21.09	20.86	21.60
		HIGH	64QAM	21.08	20.74	20.87	21.60
	50	LOW	64QAM	20.93	20.81	21.41	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.23	24.36	23.83	24.60
		MID	QPSK	24.32	24.04	24.14	24.60
		HIGH	QPSK	24.20	24.15	24.14	24.60
	36	LOW	QPSK	24.30	24.18	23.96	24.60
		MID	QPSK	24.37	24.23	24.13	24.60
		HIGH	QPSK	24.13	24.34	24.14	24.60
	75	LOW	QPSK	23.08	23.36	23.16	23.60
15	1	LOW	Q16	23.29	23.32	23.17	23.60
		MID	Q16	23.28	23.53	23.20	23.60
		HIGH	Q16	23.18	23.24	23.15	23.60
	36	LOW	Q16	22.78	23.12	22.78	23.60
		MID	Q16	23.08	22.88	22.81	23.60
		HIGH	Q16	22.96	22.88	22.69	23.60
	75	LOW	Q16	21.84	22.12	22.20	22.60
15	1	LOW	64QAM	22.32	22.49	22.15	22.60
		MID	64QAM	22.14	22.53	22.26	22.60
		HIGH	64QAM	22.48	22.24	22.35	22.60
	36	LOW	64QAM	20.82	20.89	20.85	21.60
		MID	64QAM	21.18	21.18	20.85	21.60
		HIGH	64QAM	20.89	20.81	20.75	21.60
	75	LOW	64QAM	21.20	21.05	21.40	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.28	24.30	23.95	24.60
		MID	QPSK	24.28	24.19	24.03	24.60
		HIGH	QPSK	24.20	24.26	24.03	24.60
	50	LOW	QPSK	24.30	24.31	23.99	24.60
		MID	QPSK	24.26	24.28	24.06	24.60
		HIGH	QPSK	24.26	24.29	24.11	24.60
	100	LOW	QPSK	23.18	23.29	23.13	23.60
20	1	LOW	Q16	23.39	23.45	23.15	23.60
		MID	Q16	23.37	23.44	23.20	23.60
		HIGH	Q16	23.33	23.39	23.18	23.60
	50	LOW	Q16	22.80	23.09	22.92	23.60
		MID	Q16	23.14	23.02	22.90	23.60
		HIGH	Q16	23.02	23.03	22.82	23.60
	100	LOW	Q16	21.91	21.97	22.15	22.60
20	1	LOW	64QAM	22.43	22.58	22.10	22.60
		MID	64QAM	22.23	22.46	22.11	22.60
		HIGH	64QAM	22.33	22.24	22.24	22.60
	50	LOW	64QAM	20.92	20.98	20.99	21.60
		MID	64QAM	21.06	21.17	21.00	21.60
		HIGH	64QAM	21.00	20.89	20.90	21.60
	100	LOW	64QAM	21.06	20.93	21.28	21.60

LTE B4-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.29	24.33	24.08	24.60
		MID	QPSK	24.40	24.06	24.06	24.60
		HIGH	QPSK	24.16	24.14	23.92	24.60
	3	LOW	QPSK	24.37	24.35	24.08	24.60
		MID	QPSK	24.32	24.13	24.04	24.60
		HIGH	QPSK	24.05	24.35	24.00	24.60
	6	LOW	QPSK	23.21	23.32	23.23	23.60
	1.4	LOW	Q16	23.42	23.42	23.13	23.60
		MID	Q16	23.35	23.59	23.21	23.60
		HIGH	Q16	23.34	23.30	23.20	23.60
		LOW	Q16	23.34	23.39	23.20	23.60
		MID	Q16	23.39	23.45	23.14	23.60
		HIGH	Q16	23.22	23.49	23.25	23.60
1.4	6	LOW	Q16	21.94	21.98	22.17	22.60
	1	LOW	64QAM	22.17	22.32	22.14	22.60
		MID	64QAM	22.36	22.49	22.35	22.60
		HIGH	64QAM	22.33	22.35	22.15	22.60
	3	LOW	64QAM	22.49	22.40	22.37	22.60
		MID	64QAM	22.43	22.44	22.06	22.60
		HIGH	64QAM	22.31	22.38	21.97	22.60
	6	LOW	64QAM	20.84	21.01	21.11	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.32	24.29	23.93	24.60
		MID	QPSK	24.34	24.34	24.17	24.60
		HIGH	QPSK	24.13	24.19	24.06	24.60
	8	LOW	QPSK	24.40	24.21	24.04	24.60
		MID	QPSK	24.16	24.27	23.92	24.60
		HIGH	QPSK	24.33	24.31	23.97	24.60
	15	LOW	QPSK	23.10	23.25	23.23	23.60
	3	LOW	Q16	23.41	23.45	23.15	23.60
		MID	Q16	23.34	23.52	23.35	23.60
		HIGH	Q16	23.42	23.32	23.08	23.60
		LOW	Q16	22.70	22.94	22.83	23.60
		MID	Q16	23.26	23.12	22.93	23.60
		HIGH	Q16	23.06	23.07	22.71	23.60
3	15	LOW	Q16	22.05	21.99	22.14	22.60
	1	LOW	64QAM	22.41	22.59	21.98	22.60
		MID	64QAM	22.12	22.45	21.98	22.60
		HIGH	64QAM	22.22	22.31	22.16	22.60
	8	LOW	64QAM	21.04	20.96	21.09	21.60
		MID	64QAM	21.18	21.09	20.92	21.60
		HIGH	64QAM	20.90	20.74	20.91	21.60
	15	LOW	64QAM	21.01	21.05	21.38	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.24	24.29	24.01	24.60
		MID	QPSK	24.16	24.21	23.95	24.60
		HIGH	QPSK	24.10	24.27	23.97	24.60
	12	LOW	QPSK	24.44	24.20	23.99	24.60
		MID	QPSK	24.22	24.16	24.00	24.60
		HIGH	QPSK	24.35	24.41	23.96	24.60
	25	LOW	QPSK	23.06	23.37	23.09	23.60
	5	LOW	Q16	23.47	23.55	23.03	23.60
		MID	Q16	23.42	23.56	23.20	23.60
		HIGH	Q16	23.34	23.26	23.32	23.60
		LOW	Q16	22.65	23.24	22.81	23.60
		MID	Q16	23.17	22.95	22.85	23.60
		HIGH	Q16	22.89	23.00	22.74	23.60
5	25	LOW	Q16	21.97	22.05	22.26	22.60
	1	LOW	64QAM	22.36	22.53	22.24	22.60
		MID	64QAM	22.11	22.57	22.18	22.60
		HIGH	64QAM	22.28	22.25	22.15	22.60
	12	LOW	64QAM	20.98	21.12	20.89	21.60
		MID	64QAM	20.96	21.32	20.90	21.60
		HIGH	64QAM	21.08	20.82	20.87	21.60
	25	LOW	64QAM	21.15	20.88	21.13	21.60

LTE B4-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.13	24.36	23.83	24.60
		MID	QPSK	24.24	24.33	24.01	24.60
		HIGH	QPSK	24.26	24.13	23.89	24.60
	25	LOW	QPSK	24.27	24.23	24.12	24.60
		MID	QPSK	24.23	24.15	24.14	24.60
		HIGH	QPSK	24.25	24.20	24.19	24.60
	50	LOW	QPSK	23.13	23.25	22.99	23.60
10	1	LOW	Q16	23.44	23.32	23.18	23.60
		MID	Q16	23.32	23.48	23.22	23.60
		HIGH	Q16	23.19	23.50	23.15	23.60
	25	LOW	Q16	22.67	23.04	22.84	23.60
		MID	Q16	23.15	22.88	22.97	23.60
		HIGH	Q16	23.14	23.10	22.67	23.60
	50	LOW	Q16	22.00	22.06	22.21	22.60
10	1	LOW	64QAM	22.45	22.53	22.05	22.60
		MID	64QAM	22.17	22.35	22.26	22.60
		HIGH	64QAM	22.27	22.28	22.38	22.60
	25	LOW	64QAM	20.99	21.10	21.09	21.60
		MID	64QAM	20.92	21.09	20.86	21.60
		HIGH	64QAM	21.08	20.74	20.87	21.60
	50	LOW	64QAM	20.93	20.81	21.41	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.23	24.36	23.83	24.60
		MID	QPSK	24.32	24.04	24.14	24.60
		HIGH	QPSK	24.20	24.15	24.14	24.60
	36	LOW	QPSK	24.30	24.18	23.96	24.60
		MID	QPSK	24.37	24.23	24.13	24.60
		HIGH	QPSK	24.13	24.34	24.14	24.60
	75	LOW	QPSK	23.08	23.36	23.16	23.60
15	1	LOW	Q16	23.29	23.32	23.17	23.60
		MID	Q16	23.28	23.53	23.20	23.60
		HIGH	Q16	23.18	23.24	23.15	23.60
	36	LOW	Q16	22.78	23.12	22.78	23.60
		MID	Q16	23.08	22.88	22.81	23.60
		HIGH	Q16	22.96	22.88	22.69	23.60
	75	LOW	Q16	21.84	22.12	22.20	22.60
15	1	LOW	64QAM	22.32	22.49	22.15	22.60
		MID	64QAM	22.14	22.53	22.26	22.60
		HIGH	64QAM	22.48	22.24	22.35	22.60
	36	LOW	64QAM	20.82	20.89	20.85	21.60
		MID	64QAM	21.18	21.18	20.85	21.60
		HIGH	64QAM	20.89	20.81	20.75	21.60
	75	LOW	64QAM	21.20	21.05	21.40	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.28	24.30	23.95	24.60
		MID	QPSK	24.28	24.19	24.03	24.60
		HIGH	QPSK	24.20	24.26	24.03	24.60
	50	LOW	QPSK	24.30	24.31	23.99	24.60
		MID	QPSK	24.26	24.28	24.06	24.60
		HIGH	QPSK	24.26	24.29	24.11	24.60
	100	LOW	QPSK	23.18	23.29	23.13	23.60
20	1	LOW	Q16	23.39	23.45	23.15	23.60
		MID	Q16	23.37	23.44	23.20	23.60
		HIGH	Q16	23.33	23.39	23.18	23.60
	50	LOW	Q16	22.80	23.09	22.92	23.60
		MID	Q16	23.14	23.02	22.90	23.60
		HIGH	Q16	23.02	23.03	22.82	23.60
	100	LOW	Q16	21.91	21.97	22.15	22.60
20	1	LOW	64QAM	22.43	22.58	22.10	22.60
		MID	64QAM	22.23	22.46	22.11	22.60
		HIGH	64QAM	22.33	22.24	22.24	22.60
	50	LOW	64QAM	20.92	20.98	20.99	21.60
		MID	64QAM	21.06	21.17	21.00	21.60
		HIGH	64QAM	21.00	20.89	20.90	21.60
	100	LOW	64QAM	21.06	20.93	21.28	21.60

LTE B4-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.07	19.95	20.07	20.10
		MID	QPSK	19.95	19.88	19.95	20.10
		HIGH	QPSK	19.99	19.89	19.85	20.10
	3	LOW	QPSK	20.00	20.03	20.00	20.10
		MID	QPSK	20.08	19.97	19.81	20.10
		HIGH	QPSK	20.04	20.10	19.92	20.10
	6	LOW	QPSK	20.10	19.99	20.04	20.10
	1.4	LOW	Q16	19.92	20.01	20.01	20.10
		MID	Q16	19.97	20.09	20.09	20.10
		HIGH	Q16	20.06	19.93	19.65	20.10
		LOW	Q16	19.98	19.93	19.98	20.10
		MID	Q16	19.90	20.10	19.89	20.10
		HIGH	Q16	19.91	20.03	19.75	20.10
1.4	6	LOW	Q16	20.07	20.04	20.09	20.10
	1	LOW	64QAM	19.90	20.07	19.88	20.10
		MID	64QAM	20.09	20.01	19.90	20.10
		HIGH	64QAM	20.10	19.89	19.94	20.10
	3	LOW	64QAM	19.86	19.84	20.10	20.10
		MID	64QAM	19.93	19.90	20.06	20.10
		HIGH	64QAM	20.02	19.86	19.60	20.10
	6	LOW	64QAM	19.97	20.01	19.97	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.08	19.97	19.94	20.10
		MID	QPSK	19.93	19.84	19.77	20.10
		HIGH	QPSK	20.06	19.84	20.04	20.10
	8	LOW	QPSK	19.91	19.96	20.03	20.10
		MID	QPSK	19.93	19.85	20.04	20.10
		HIGH	QPSK	20.05	19.92	19.91	20.10
	15	LOW	QPSK	19.94	20.08	19.97	20.10
	3	LOW	Q16	19.90	19.98	19.99	20.10
		MID	Q16	19.90	20.00	20.10	20.10
		HIGH	Q16	20.05	19.88	19.78	20.10
		LOW	Q16	19.93	20.03	19.88	20.10
		MID	Q16	20.06	20.09	20.01	20.10
		HIGH	Q16	19.98	19.99	19.92	20.10
3	15	LOW	Q16	19.97	20.01	20.00	20.10
	1	LOW	64QAM	19.90	20.03	20.08	20.10
		MID	64QAM	19.85	19.93	20.00	20.10
		HIGH	64QAM	19.86	19.71	19.55	20.10
	8	LOW	64QAM	19.96	20.08	19.75	20.10
		MID	64QAM	19.97	19.99	20.02	20.10
		HIGH	64QAM	19.98	19.97	20.01	20.10
	15	LOW	64QAM	19.97	20.05	20.05	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.00	20.01	20.09	20.10
		MID	QPSK	20.09	19.88	19.95	20.10
		HIGH	QPSK	20.10	19.90	19.83	20.10
	12	LOW	QPSK	20.03	20.10	20.00	20.10
		MID	QPSK	19.97	19.97	20.05	20.10
		HIGH	QPSK	19.98	19.93	20.05	20.10
	25	LOW	QPSK	20.08	19.94	20.06	20.10
	5	LOW	Q16	20.02	20.05	20.04	20.10
		MID	Q16	20.04	20.08	20.08	20.10
		HIGH	Q16	19.89	19.83	19.59	20.10
		LOW	Q16	19.92	20.06	20.10	20.10
		MID	Q16	19.91	19.89	20.10	20.10
		HIGH	Q16	20.04	19.92	19.99	20.10
5	25	LOW	Q16	19.91	19.98	20.01	20.10
	1	LOW	64QAM	20.02	20.01	19.85	20.10
		MID	64QAM	20.06	19.96	19.97	20.10
		HIGH	64QAM	20.08	19.87	19.64	20.10
	12	LOW	64QAM	19.85	20.02	19.90	20.10
		MID	64QAM	19.83	20.09	20.05	20.10
		HIGH	64QAM	20.08	19.83	20.01	20.10
	25	LOW	64QAM	20.08	19.99	20.08	20.10

LTE B4-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.10	20.06	20.10	20.10
		MID	QPSK	20.02	19.89	19.86	20.10
		HIGH	QPSK	19.85	19.97	20.01	20.10
	25	LOW	QPSK	19.98	20.01	19.99	20.10
		MID	QPSK	19.99	19.96	19.98	20.10
		HIGH	QPSK	19.96	19.94	19.91	20.10
	50	LOW	QPSK	20.00	20.01	19.98	20.10
10	1	LOW	Q16	20.08	20.00	20.04	20.10
		MID	Q16	20.02	19.97	19.89	20.10
		HIGH	Q16	19.88	19.87	19.63	20.10
	25	LOW	Q16	20.10	19.93	19.97	20.10
		MID	Q16	20.09	19.94	19.95	20.10
		HIGH	Q16	20.09	20.03	19.91	20.10
	50	LOW	Q16	20.08	20.10	20.08	20.10
10	1	LOW	64QAM	20.04	19.98	20.07	20.10
		MID	64QAM	20.03	19.92	19.98	20.10
		HIGH	64QAM	20.02	19.71	19.46	20.10
	25	LOW	64QAM	19.85	20.05	19.88	20.10
		MID	64QAM	19.87	20.10	20.07	20.10
		HIGH	64QAM	20.03	20.04	19.99	20.10
	50	LOW	64QAM	20.03	20.07	20.09	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.06	19.99	20.06	20.10
		MID	QPSK	19.94	19.99	19.98	20.10
		HIGH	QPSK	20.10	19.99	20.06	20.10
	36	LOW	QPSK	20.03	19.96	20.10	20.10
		MID	QPSK	20.08	19.81	20.01	20.10
		HIGH	QPSK	20.07	20.10	20.04	20.10
	75	LOW	QPSK	20.09	20.00	20.08	20.10
15	1	LOW	Q16	20.04	20.05	20.07	20.10
		MID	Q16	20.05	20.02	20.06	20.10
		HIGH	Q16	20.04	19.81	19.82	20.10
	36	LOW	Q16	20.03	19.93	19.89	20.10
		MID	Q16	19.89	20.03	19.97	20.10
		HIGH	Q16	20.07	20.05	20.09	20.10
	75	LOW	Q16	19.98	19.87	20.05	20.10
15	1	LOW	64QAM	19.78	20.06	19.86	20.10
		MID	64QAM	19.82	19.88	20.04	20.10
		HIGH	64QAM	20.03	19.69	19.51	20.10
	36	LOW	64QAM	20.04	19.98	19.99	20.10
		MID	64QAM	19.75	20.08	20.03	20.10
		HIGH	64QAM	20.03	20.00	19.93	20.10
	75	LOW	64QAM	20.07	20.10	19.99	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.01	20.02	20.01	20.10
		MID	QPSK	20.01	19.95	19.91	20.10
		HIGH	QPSK	19.99	19.99	19.96	20.10
	50	LOW	QPSK	20.05	20.09	20.02	20.10
		MID	QPSK	20.08	19.92	20.05	20.10
		HIGH	QPSK	20.09	20.07	19.98	20.10
	100	LOW	QPSK	20.07	20.09	20.10	20.10
20	1	LOW	Q16	20.05	20.06	20.08	20.10
		MID	Q16	20.03	20.09	19.95	20.10
		HIGH	Q16	20.03	19.89	19.69	20.10
	50	LOW	Q16	19.99	20.08	20.02	20.10
		MID	Q16	19.97	20.02	20.06	20.10
		HIGH	Q16	20.10	20.07	20.06	20.10
	100	LOW	Q16	20.05	20.01	20.09	20.10
20	1	LOW	64QAM	19.93	20.04	19.95	20.10
		MID	64QAM	19.97	20.03	20.02	20.10
		HIGH	64QAM	19.94	19.84	19.59	20.10
	50	LOW	64QAM	19.96	20.00	19.87	20.10
		MID	64QAM	19.82	20.04	19.95	20.10
		HIGH	64QAM	20.09	19.97	20.04	20.10
	100	LOW	64QAM	19.99	20.10	20.05	20.10

LTE B4-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.34	18.41	18.43	18.60
		MID	QPSK	18.42	18.57	18.27	18.60
		HIGH	QPSK	18.35	18.47	18.33	18.60
	3	LOW	QPSK	18.35	18.39	18.59	18.60
		MID	QPSK	18.46	18.59	18.32	18.60
		HIGH	QPSK	18.44	18.34	18.47	18.60
	6	LOW	QPSK	18.48	18.55	18.56	18.60
	1.4	LOW	Q16	18.30	18.47	18.59	18.60
		MID	Q16	18.40	18.60	18.53	18.60
		HIGH	Q16	18.49	18.32	18.36	18.60
		LOW	Q16	18.55	18.45	18.50	18.60
		MID	Q16	18.36	18.37	18.34	18.60
		HIGH	Q16	18.51	18.43	18.45	18.60
1.4	6	LOW	Q16	18.37	18.51	18.55	18.60
	1	LOW	64QAM	18.18	18.44	18.60	18.60
		MID	64QAM	18.34	18.45	18.60	18.60
		HIGH	64QAM	18.41	18.37	18.51	18.60
	3	LOW	64QAM	18.44	18.45	18.48	18.60
		MID	64QAM	18.28	18.51	18.32	18.60
		HIGH	64QAM	18.36	18.45	18.51	18.60
	6	LOW	64QAM	18.45	18.60	18.49	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.60	18.53	18.45	18.60
		MID	QPSK	18.42	18.47	18.37	18.60
		HIGH	QPSK	18.48	18.30	18.43	18.60
	8	LOW	QPSK	18.53	18.48	18.54	18.60
		MID	QPSK	18.43	18.53	18.37	18.60
		HIGH	QPSK	18.41	18.52	18.43	18.60
	15	LOW	QPSK	18.38	18.48	18.53	18.60
	3	LOW	Q16	18.34	18.54	18.59	18.60
		MID	Q16	18.49	18.50	18.53	18.60
		HIGH	Q16	18.58	18.46	18.45	18.60
		LOW	Q16	18.36	18.49	18.57	18.60
		MID	Q16	18.45	18.41	18.35	18.60
		HIGH	Q16	18.44	18.49	18.57	18.60
3	15	LOW	Q16	18.36	18.45	18.53	18.60
	1	LOW	64QAM	18.19	18.41	18.35	18.60
		MID	64QAM	18.47	18.35	18.48	18.60
		HIGH	64QAM	18.41	18.50	18.45	18.60
	8	LOW	64QAM	18.56	18.56	18.37	18.60
		MID	64QAM	18.51	18.51	18.60	18.60
		HIGH	64QAM	18.43	18.46	18.36	18.60
	15	LOW	64QAM	18.58	18.56	18.57	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.46	18.39	18.44	18.60
		MID	QPSK	18.59	18.49	18.38	18.60
		HIGH	QPSK	18.52	18.54	18.44	18.60
	12	LOW	QPSK	18.52	18.38	18.43	18.60
		MID	QPSK	18.52	18.44	18.46	18.60
		HIGH	QPSK	18.39	18.46	18.56	18.60
	25	LOW	QPSK	18.53	18.56	18.40	18.60
	5	LOW	Q16	18.56	18.56	18.53	18.60
		MID	Q16	18.59	18.50	18.54	18.60
		HIGH	Q16	18.56	18.38	18.34	18.60
		LOW	Q16	18.41	18.44	18.47	18.60
		MID	Q16	18.53	18.49	18.30	18.60
		HIGH	Q16	18.42	18.47	18.51	18.60
5	25	LOW	Q16	18.47	18.58	18.60	18.60
	1	LOW	64QAM	18.37	18.41	18.50	18.60
		MID	64QAM	18.41	18.32	18.39	18.60
		HIGH	64QAM	18.49	18.58	18.39	18.60
	12	LOW	64QAM	18.41	18.56	18.32	18.60
		MID	64QAM	18.49	18.29	18.54	18.60
		HIGH	64QAM	18.57	18.40	18.34	18.60
	25	LOW	64QAM	18.58	18.37	18.42	18.60

LTE B4-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	18.50	18.47	18.52	18.60
		MID	QPSK	18.46	18.40	18.37	18.60
		HIGH	QPSK	18.46	18.31	18.47	18.60
	25	LOW	QPSK	18.54	18.50	18.46	18.60
		MID	QPSK	18.48	18.27	18.47	18.60
		HIGH	QPSK	18.39	18.45	18.46	18.60
	50	LOW	QPSK	18.39	18.54	18.46	18.60
10	1	LOW	Q16	18.33	18.52	18.54	18.60
		MID	Q16	18.59	18.50	18.53	18.60
		HIGH	Q16	18.60	18.44	18.34	18.60
	25	LOW	Q16	18.27	18.44	18.57	18.60
		MID	Q16	18.49	18.57	18.32	18.60
		HIGH	Q16	18.37	18.57	18.55	18.60
	50	LOW	Q16	18.60	18.56	18.53	18.60
10	1	LOW	64QAM	18.38	18.50	18.47	18.60
		MID	64QAM	18.55	18.54	18.53	18.60
		HIGH	64QAM	18.32	18.54	18.54	18.60
	25	LOW	64QAM	18.55	18.55	18.45	18.60
		MID	64QAM	18.53	18.48	18.53	18.60
		HIGH	64QAM	18.40	18.60	18.41	18.60
	50	LOW	64QAM	18.48	18.49	18.39	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	18.52	18.59	18.52	18.60
		MID	QPSK	18.56	18.57	18.32	18.60
		HIGH	QPSK	18.53	18.56	18.43	18.60
	36	LOW	QPSK	18.51	18.49	18.59	18.60
		MID	QPSK	18.51	18.27	18.37	18.60
		HIGH	QPSK	18.56	18.60	18.44	18.60
	75	LOW	QPSK	18.37	18.58	18.47	18.60
15	1	LOW	Q16	18.41	18.49	18.53	18.60
		MID	Q16	18.60	18.52	18.38	18.60
		HIGH	Q16	18.47	18.43	18.36	18.60
	36	LOW	Q16	18.32	18.40	18.48	18.60
		MID	Q16	18.40	18.52	18.36	18.60
		HIGH	Q16	18.55	18.47	18.43	18.60
	75	LOW	Q16	18.49	18.52	18.51	18.60
15	1	LOW	64QAM	18.40	18.51	18.31	18.60
		MID	64QAM	18.51	18.41	18.40	18.60
		HIGH	64QAM	18.28	18.45	18.53	18.60
	36	LOW	64QAM	18.46	18.50	18.41	18.60
		MID	64QAM	18.47	18.37	18.43	18.60
		HIGH	64QAM	18.60	18.57	18.33	18.60
	75	LOW	64QAM	18.56	18.54	18.37	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	18.47	18.54	18.52	18.60
		MID	QPSK	18.50	18.54	18.42	18.60
		HIGH	QPSK	18.42	18.41	18.41	18.60
	50	LOW	QPSK	18.50	18.51	18.50	18.60
		MID	QPSK	18.50	18.41	18.45	18.60
		HIGH	QPSK	18.51	18.50	18.49	18.60
	100	LOW	QPSK	18.50	18.60	18.43	18.60
20	1	LOW	Q16	18.41	18.54	18.45	18.60
		MID	Q16	18.49	18.50	18.47	18.60
		HIGH	Q16	18.54	18.46	18.48	18.60
	50	LOW	Q16	18.42	18.49	18.54	18.60
		MID	Q16	18.50	18.53	18.45	18.60
		HIGH	Q16	18.51	18.57	18.58	18.60
	100	LOW	Q16	18.45	18.60	18.60	18.60
20	1	LOW	64QAM	18.28	18.48	18.40	18.60
		MID	64QAM	18.51	18.45	18.39	18.60
		HIGH	64QAM	18.40	18.53	18.42	18.60
	50	LOW	64QAM	18.54	18.55	18.40	18.60
		MID	64QAM	18.52	18.43	18.55	18.60
		HIGH	64QAM	18.55	18.50	18.46	18.60
	100	LOW	64QAM	18.57	18.49	18.48	18.60

8.4.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.93	24.03	23.77	24.40
		MID	QPSK	23.82	23.80	23.90	24.40
		HIGH	QPSK	23.72	24.00	23.73	24.40
	3	LOW	QPSK	23.92	24.03	23.84	24.40
		MID	QPSK	24.00	24.07	23.70	24.40
		HIGH	QPSK	23.77	23.87	23.65	24.40
	6	LOW	QPSK	23.38	23.40	23.26	23.40
1.4	1	LOW	Q16	23.30	23.27	23.35	23.40
		MID	Q16	23.26	23.23	23.33	23.40
		HIGH	Q16	23.11	23.22	23.09	23.40
	3	LOW	Q16	23.18	23.28	23.40	23.40
		MID	Q16	23.27	23.35	23.36	23.40
		HIGH	Q16	22.99	23.07	22.99	23.40
	6	LOW	Q16	23.31	23.33	23.24	23.40
1.4	1	LOW	64QAM	22.34	22.21	22.26	22.40
		MID	64QAM	22.35	22.08	22.32	22.40
		HIGH	64QAM	22.07	22.32	21.97	22.40
	3	LOW	64QAM	22.15	22.16	22.40	22.40
		MID	64QAM	22.17	22.22	22.33	22.40
		HIGH	64QAM	21.98	22.18	21.94	22.40
	6	LOW	64QAM	21.16	21.23	21.25	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.79	23.86	23.74	24.40
		MID	QPSK	23.96	23.92	23.90	24.40
		HIGH	QPSK	23.83	23.98	23.91	24.40
	8	LOW	QPSK	23.35	23.26	23.36	23.40
		MID	QPSK	23.32	23.32	23.23	23.40
		HIGH	QPSK	23.38	23.25	23.32	23.40
	15	LOW	QPSK	23.27	23.40	23.39	23.40
3	1	LOW	Q16	23.22	23.36	23.26	23.40
		MID	Q16	23.20	23.40	23.37	23.40
		HIGH	Q16	22.97	23.20	23.11	23.40
	8	LOW	Q16	23.39	23.35	23.40	23.40
		MID	Q16	23.39	23.28	23.24	23.40
		HIGH	Q16	23.37	23.33	23.22	23.40
	15	LOW	Q16	23.37	23.28	23.34	23.40
3	1	LOW	64QAM	22.28	22.31	22.39	22.40
		MID	64QAM	22.38	22.37	22.30	22.40
		HIGH	64QAM	21.97	22.24	22.19	22.40
	8	LOW	64QAM	21.26	21.30	21.36	21.40
		MID	64QAM	21.31	21.27	21.12	21.40
		HIGH	64QAM	21.14	21.29	21.17	21.40
	15	LOW	64QAM	21.26	21.18	21.35	21.40

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.83	23.90	23.78	24.40
		MID	QPSK	23.84	23.95	23.82	24.40
		HIGH	QPSK	23.69	23.86	23.92	24.40
	12	LOW	QPSK	23.32	23.23	23.21	23.40
		MID	QPSK	23.25	23.24	23.32	23.40
		HIGH	QPSK	23.32	23.40	23.34	23.40
	25	LOW	QPSK	23.20	23.36	23.33	23.40
5	1	LOW	Q16	23.23	23.27	23.34	23.40
		MID	Q16	23.23	23.34	23.36	23.40
		HIGH	Q16	22.84	22.98	22.97	23.40
	12	LOW	Q16	23.30	23.30	23.22	23.40
		MID	Q16	23.24	23.29	23.28	23.40
		HIGH	Q16	23.34	23.37	23.39	23.40
	25	LOW	Q16	23.25	23.26	23.40	23.40
5	1	LOW	64QAM	22.14	22.27	22.38	22.40
		MID	64QAM	22.26	22.40	22.21	22.40
		HIGH	64QAM	22.04	22.10	22.08	22.40
	12	LOW	64QAM	21.34	21.17	21.18	21.40
		MID	64QAM	21.25	21.32	21.18	21.40
		HIGH	64QAM	21.17	21.24	21.09	21.40
	25	LOW	64QAM	21.29	21.20	21.40	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.90	24.01	23.83	24.40
		MID	QPSK	23.88	23.93	23.79	24.40
		HIGH	QPSK	23.79	23.85	23.78	24.40
	25	LOW	QPSK	23.34	23.38	23.34	23.40
		MID	QPSK	23.32	23.35	23.35	23.40
		HIGH	QPSK	23.35	23.36	23.34	23.40
	50	LOW	QPSK	23.35	23.40	23.37	23.40
10	1	LOW	Q16	23.32	23.39	23.32	23.40
		MID	Q16	23.32	23.35	23.32	23.40
		HIGH	Q16	22.97	23.11	22.96	23.40
	25	LOW	Q16	23.37	23.32	23.30	23.40
		MID	Q16	23.37	23.33	23.36	23.40
		HIGH	Q16	23.33	23.37	23.35	23.40
	50	LOW	Q16	23.40	23.39	23.31	23.40
10	1	LOW	64QAM	22.17	22.36	22.37	22.40
		MID	64QAM	22.35	22.25	22.26	22.40
		HIGH	64QAM	22.07	22.23	22.10	22.40
	25	LOW	64QAM	21.39	21.29	21.25	21.40
		MID	64QAM	21.40	21.35	21.22	21.40
		HIGH	64QAM	21.28	21.36	21.24	21.40
	50	LOW	64QAM	21.25	21.29	21.39	21.40

LTE B5-State1&2&3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.93	24.03	23.77	24.40
		MID	QPSK	23.82	23.80	23.90	24.40
		HIGH	QPSK	23.72	24.00	23.73	24.40
	3	LOW	QPSK	23.92	24.03	23.84	24.40
		MID	QPSK	24.00	24.07	23.70	24.40
		HIGH	QPSK	23.77	23.87	23.65	24.40
	6	LOW	QPSK	23.38	23.40	23.26	23.40
1.4	1	LOW	Q16	23.30	23.27	23.35	23.40
		MID	Q16	23.26	23.23	23.33	23.40
		HIGH	Q16	23.11	23.22	23.09	23.40
	3	LOW	Q16	23.18	23.28	23.40	23.40
		MID	Q16	23.27	23.35	23.36	23.40
		HIGH	Q16	22.99	23.07	22.99	23.40
	6	LOW	Q16	23.31	23.33	23.24	23.40
1.4	1	LOW	64QAM	22.34	22.21	22.26	22.40
		MID	64QAM	22.35	22.08	22.32	22.40
		HIGH	64QAM	22.07	22.32	21.97	22.40
	3	LOW	64QAM	22.15	22.16	22.40	22.40
		MID	64QAM	22.17	22.22	22.33	22.40
		HIGH	64QAM	21.98	22.18	21.94	22.40
	6	LOW	64QAM	21.16	21.23	21.25	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.79	23.86	23.74	24.40
		MID	QPSK	23.96	23.92	23.90	24.40
		HIGH	QPSK	23.83	23.98	23.91	24.40
	8	LOW	QPSK	23.35	23.26	23.36	23.40
		MID	QPSK	23.32	23.32	23.23	23.40
		HIGH	QPSK	23.38	23.25	23.32	23.40
	15	LOW	QPSK	23.27	23.40	23.39	23.40
3	1	LOW	Q16	23.22	23.36	23.26	23.40
		MID	Q16	23.20	23.40	23.37	23.40
		HIGH	Q16	22.97	23.20	23.11	23.40
	8	LOW	Q16	23.39	23.35	23.40	23.40
		MID	Q16	23.39	23.28	23.24	23.40
		HIGH	Q16	23.37	23.33	23.22	23.40
	15	LOW	Q16	23.37	23.28	23.34	23.40
3	1	LOW	64QAM	22.28	22.31	22.39	22.40
		MID	64QAM	22.38	22.37	22.30	22.40
		HIGH	64QAM	21.97	22.24	22.19	22.40
	8	LOW	64QAM	21.26	21.30	21.36	21.40
		MID	64QAM	21.31	21.27	21.12	21.40
		HIGH	64QAM	21.14	21.29	21.17	21.40
	15	LOW	64QAM	21.26	21.18	21.35	21.40

LTE B5-State1&2&3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.83	23.90	23.78	24.40
		MID	QPSK	23.84	23.95	23.82	24.40
		HIGH	QPSK	23.69	23.86	23.92	24.40
	12	LOW	QPSK	23.32	23.23	23.21	23.40
		MID	QPSK	23.25	23.24	23.32	23.40
		HIGH	QPSK	23.32	23.40	23.34	23.40
	25	LOW	QPSK	23.20	23.36	23.33	23.40
5	1	LOW	Q16	23.23	23.27	23.34	23.40
		MID	Q16	23.23	23.34	23.36	23.40
		HIGH	Q16	22.84	22.98	22.97	23.40
	12	LOW	Q16	23.30	23.30	23.22	23.40
		MID	Q16	23.24	23.29	23.28	23.40
		HIGH	Q16	23.34	23.37	23.39	23.40
	25	LOW	Q16	23.25	23.26	23.40	23.40
5	1	LOW	64QAM	22.14	22.27	22.38	22.40
		MID	64QAM	22.26	22.40	22.21	22.40
		HIGH	64QAM	22.04	22.10	22.08	22.40
	12	LOW	64QAM	21.34	21.17	21.18	21.40
		MID	64QAM	21.25	21.32	21.18	21.40
		HIGH	64QAM	21.17	21.24	21.09	21.40
	25	LOW	64QAM	21.29	21.20	21.40	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.90	24.01	23.83	24.40
		MID	QPSK	23.88	23.93	23.79	24.40
		HIGH	QPSK	23.79	23.85	23.78	24.40
	25	LOW	QPSK	23.34	23.38	23.34	23.40
		MID	QPSK	23.32	23.35	23.35	23.40
		HIGH	QPSK	23.35	23.36	23.34	23.40
	50	LOW	QPSK	23.35	23.40	23.37	23.40
10	1	LOW	Q16	23.32	23.39	23.32	23.40
		MID	Q16	23.32	23.35	23.32	23.40
		HIGH	Q16	22.97	23.11	22.96	23.40
	25	LOW	Q16	23.37	23.32	23.30	23.40
		MID	Q16	23.37	23.33	23.36	23.40
		HIGH	Q16	23.33	23.37	23.35	23.40
	50	LOW	Q16	23.40	23.39	23.31	23.40
10	1	LOW	64QAM	22.17	22.36	22.37	22.40
		MID	64QAM	22.35	22.25	22.26	22.40
		HIGH	64QAM	22.07	22.23	22.10	22.40
	25	LOW	64QAM	21.39	21.29	21.25	21.40
		MID	64QAM	21.40	21.35	21.22	21.40
		HIGH	64QAM	21.28	21.36	21.24	21.40
	50	LOW	64QAM	21.25	21.29	21.39	21.40

8.4.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.33	24.32	24.02	25.00
		MID	QPSK	24.57	24.89	24.88	25.00
		HIGH	QPSK	24.49	23.78	23.58	25.00
	3	LOW	QPSK	24.17	24.48	23.77	25.00
		MID	QPSK	24.69	24.65	24.91	25.00
		HIGH	QPSK	24.43	23.59	23.48	25.00
	6	LOW	QPSK	23.98	23.93	23.90	24.00
1.4	1	LOW	Q16	23.37	23.60	22.89	24.00
		MID	Q16	23.75	23.92	23.97	24.00
		HIGH	Q16	23.76	23.07	22.91	24.00
	3	LOW	Q16	23.22	23.60	22.95	24.00
		MID	Q16	23.98	23.89	23.86	24.00
		HIGH	Q16	23.77	22.92	23.01	24.00
	6	LOW	Q16	23.00	22.91	22.87	23.00
1.4	1	LOW	64QAM	22.09	22.55	22.01	23.00
		MID	64QAM	22.85	22.93	22.97	23.00
		HIGH	64QAM	22.78	22.13	21.86	23.00
	3	LOW	64QAM	22.12	22.48	21.85	23.00
		MID	64QAM	22.83	22.82	22.73	23.00
		HIGH	64QAM	22.73	22.04	21.93	23.00
	6	LOW	64QAM	21.92	21.78	21.78	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.38	24.41	23.77	25.00
		MID	QPSK	24.55	24.77	24.73	25.00
		HIGH	QPSK	24.55	23.81	23.68	25.00
	8	LOW	QPSK	23.77	24.00	23.93	24.00
		MID	QPSK	23.97	23.86	23.81	24.00
		HIGH	QPSK	23.88	23.82	23.89	24.00
	15	LOW	QPSK	23.85	23.88	23.98	24.00
3	1	LOW	Q16	23.29	23.46	23.17	24.00
		MID	Q16	23.89	23.96	23.76	24.00
		HIGH	Q16	23.62	23.00	22.92	24.00
	8	LOW	Q16	22.84	22.97	22.83	23.00
		MID	Q16	22.99	22.75	22.78	23.00
		HIGH	Q16	22.92	22.87	22.95	23.00
	15	LOW	Q16	22.83	22.79	22.81	23.00
3	1	LOW	64QAM	22.43	22.54	22.19	23.00
		MID	64QAM	22.96	22.82	22.86	23.00
		HIGH	64QAM	22.53	21.83	22.04	23.00
	8	LOW	64QAM	21.78	21.79	21.83	22.00
		MID	64QAM	21.82	21.70	21.72	22.00
		HIGH	64QAM	21.84	21.95	21.88	22.00
	15	LOW	64QAM	21.97	21.86	21.75	22.00

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.40	24.41	23.88	25.00
		MID	QPSK	24.66	24.71	24.71	25.00
		HIGH	QPSK	24.47	23.71	23.49	25.00
	12	LOW	QPSK	23.76	23.86	23.78	24.00
		MID	QPSK	23.91	23.81	23.84	24.00
		HIGH	QPSK	23.93	23.87	23.94	24.00
	25	LOW	QPSK	23.91	24.00	24.00	24.00
5	1	LOW	Q16	23.32	23.65	22.91	24.00
		MID	Q16	23.74	23.95	23.99	24.00
		HIGH	Q16	23.57	23.10	22.94	24.00
	12	LOW	Q16	22.93	22.84	22.80	23.00
		MID	Q16	22.99	22.79	22.80	23.00
		HIGH	Q16	22.79	22.90	22.84	23.00
	25	LOW	Q16	22.89	22.81	22.90	23.00
5	1	LOW	64QAM	22.45	22.71	22.32	23.00
		MID	64QAM	22.93	22.98	22.94	23.00
		HIGH	64QAM	22.51	21.99	21.90	23.00
	12	LOW	64QAM	21.78	21.99	21.93	22.00
		MID	64QAM	21.97	21.78	21.85	22.00
		HIGH	64QAM	21.96	21.93	21.82	22.00
	25	LOW	64QAM	21.73	22.00	21.98	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.25	24.37	23.91	25.00
		MID	QPSK	24.55	24.75	24.78	25.00
		HIGH	QPSK	24.47	23.73	23.59	25.00
	25	LOW	QPSK	23.89	23.94	23.89	24.00
		MID	QPSK	23.97	23.96	23.96	24.00
		HIGH	QPSK	23.93	23.97	23.98	24.00
	50	LOW	QPSK	23.88	23.95	23.98	24.00
10	1	LOW	Q16	23.26	23.54	23.02	24.00
		MID	Q16	23.89	23.92	23.91	24.00
		HIGH	Q16	23.67	23.01	22.96	24.00
	25	LOW	Q16	22.90	22.95	22.89	23.00
		MID	Q16	22.94	22.89	22.89	23.00
		HIGH	Q16	22.90	22.92	22.90	23.00
	50	LOW	Q16	22.89	22.90	22.91	23.00
10	1	LOW	64QAM	22.39	22.57	22.17	23.00
		MID	64QAM	22.96	22.97	22.95	23.00
		HIGH	64QAM	22.63	21.93	21.95	23.00
	25	LOW	64QAM	21.87	21.90	21.84	22.00
		MID	64QAM	21.96	21.75	21.76	22.00
		HIGH	64QAM	21.94	21.89	21.92	22.00
	50	LOW	64QAM	21.82	21.94	21.86	22.00

LTE B5-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.99	23.21	23.42	24.00
		MID	QPSK	23.40	23.33	23.82	24.00
		HIGH	QPSK	23.33	23.43	23.51	24.00
	3	LOW	QPSK	23.15	23.21	23.30	24.00
		MID	QPSK	23.50	23.36	23.79	24.00
		HIGH	QPSK	23.37	23.18	23.50	24.00
	6	LOW	QPSK	23.46	23.36	23.55	24.00
1.4	1	LOW	Q16	23.34	23.40	22.81	24.00
		MID	Q16	23.86	23.64	23.35	24.00
		HIGH	Q16	22.83	22.84	22.94	23.00
	3	LOW	Q16	23.37	23.54	22.98	24.00
		MID	Q16	23.78	23.45	23.38	24.00
		HIGH	Q16	22.94	22.67	22.82	23.00
	6	LOW	Q16	22.97	22.82	22.93	23.00
1.4	1	LOW	64QAM	22.43	22.42	21.76	23.00
		MID	64QAM	22.90	22.57	22.46	23.00
		HIGH	64QAM	22.70	22.79	22.81	23.00
	3	LOW	64QAM	22.49	22.51	21.88	23.00
		MID	64QAM	22.87	22.48	22.23	23.00
		HIGH	64QAM	22.89	22.52	22.76	23.00
	6	LOW	64QAM	21.99	21.96	21.94	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	23.09	23.42	24.00
		MID	QPSK	23.51	23.41	23.84	24.00
		HIGH	QPSK	23.43	23.28	23.35	24.00
	8	LOW	QPSK	23.39	23.45	23.35	24.00
		MID	QPSK	23.27	23.58	23.56	24.00
		HIGH	QPSK	23.62	23.38	23.74	24.00
	15	LOW	QPSK	23.31	23.23	23.56	24.00
3	1	LOW	Q16	23.39	23.46	23.01	24.00
		MID	Q16	23.97	23.49	23.33	24.00
		HIGH	Q16	22.94	22.83	22.81	23.00
	8	LOW	Q16	22.86	22.96	22.97	23.00
		MID	Q16	22.94	22.95	22.95	23.00
		HIGH	Q16	23.00	22.84	22.97	23.00
	15	LOW	Q16	22.97	23.00	22.97	23.00
3	1	LOW	64QAM	22.12	22.43	21.79	23.00
		MID	64QAM	22.64	22.38	22.32	23.00
		HIGH	64QAM	22.78	22.77	22.95	23.00
	8	LOW	64QAM	21.90	21.81	21.90	22.00
		MID	64QAM	21.93	21.88	21.93	22.00
		HIGH	64QAM	21.90	21.71	21.92	22.00
	15	LOW	64QAM	21.91	21.84	21.95	22.00

LTE B5-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.13	23.29	23.37	24.00
		MID	QPSK	23.57	23.29	23.79	24.00
		HIGH	QPSK	23.34	23.34	23.35	24.00
	12	LOW	QPSK	23.34	23.51	23.64	24.00
		MID	QPSK	23.28	23.48	23.56	24.00
		HIGH	QPSK	23.32	23.25	23.51	24.00
	25	LOW	QPSK	23.46	23.35	23.34	24.00
5	1	LOW	Q16	23.09	23.33	22.94	24.00
		MID	Q16	23.84	23.58	23.51	24.00
		HIGH	Q16	22.81	22.80	22.80	23.00
	12	LOW	Q16	22.87	22.86	22.87	23.00
		MID	Q16	22.80	22.97	22.85	23.00
		HIGH	Q16	22.81	22.90	23.00	23.00
	25	LOW	Q16	22.88	22.97	22.77	23.00
5	1	LOW	64QAM	22.18	22.50	21.81	23.00
		MID	64QAM	22.75	22.42	22.25	23.00
		HIGH	64QAM	22.79	22.83	22.96	23.00
	12	LOW	64QAM	21.91	21.78	21.84	22.00
		MID	64QAM	21.97	21.79	21.99	22.00
		HIGH	64QAM	21.98	21.87	21.94	22.00
	25	LOW	64QAM	21.91	21.96	21.85	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.12	23.23	23.32	24.00
		MID	QPSK	23.47	23.37	23.81	24.00
		HIGH	QPSK	23.32	23.29	23.49	24.00
	25	LOW	QPSK	23.33	23.36	23.50	24.00
		MID	QPSK	23.36	23.44	23.55	24.00
		HIGH	QPSK	23.47	23.35	23.59	24.00
	50	LOW	QPSK	23.33	23.34	23.41	24.00
10	1	LOW	Q16	23.24	23.43	22.96	24.00
		MID	Q16	23.93	23.51	23.45	24.00
		HIGH	Q16	22.95	22.79	22.93	23.00
	25	LOW	Q16	22.99	22.89	22.90	23.00
		MID	Q16	22.91	22.99	22.93	23.00
		HIGH	Q16	22.95	22.95	22.99	23.00
	50	LOW	Q16	22.94	22.93	22.91	23.00
10	1	LOW	64QAM	22.22	22.42	21.85	23.00
		MID	64QAM	22.79	22.41	22.34	23.00
		HIGH	64QAM	22.85	22.91	22.99	23.00
	25	LOW	64QAM	21.85	21.85	21.88	22.00
		MID	64QAM	21.99	21.93	21.98	22.00
		HIGH	64QAM	21.90	21.85	21.86	22.00
	50	LOW	64QAM	21.87	21.91	21.99	22.00

LTE B5-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.64	22.49	22.80	23.50
		MID	QPSK	22.64	23.08	23.17	23.50
		HIGH	QPSK	22.90	22.69	22.98	23.50
	3	LOW	QPSK	22.68	22.58	22.85	23.50
		MID	QPSK	22.55	22.98	23.29	23.50
		HIGH	QPSK	22.80	22.65	22.87	23.50
	6	LOW	QPSK	22.70	22.80	22.85	23.50
1.4	1	LOW	Q16	22.64	22.75	22.78	23.50
		MID	Q16	23.34	22.83	23.04	23.50
		HIGH	Q16	22.83	22.16	22.53	23.50
	3	LOW	Q16	22.50	23.00	22.76	23.50
		MID	Q16	23.40	22.98	23.10	23.50
		HIGH	Q16	22.73	22.17	22.47	23.50
	6	LOW	Q16	22.60	22.93	22.82	23.00
1.4	1	LOW	64QAM	22.00	22.26	22.15	23.00
		MID	64QAM	22.74	22.40	22.48	23.00
		HIGH	64QAM	22.20	21.61	22.18	23.00
	3	LOW	64QAM	21.94	22.44	22.19	23.00
		MID	64QAM	22.75	22.41	22.61	23.00
		HIGH	64QAM	22.15	21.70	22.05	23.00
	6	LOW	64QAM	21.47	21.99	21.77	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.78	22.61	22.68	23.50
		MID	QPSK	22.77	23.03	23.26	23.50
		HIGH	QPSK	22.88	22.68	23.00	23.50
	8	LOW	QPSK	22.73	22.95	22.93	23.50
		MID	QPSK	22.86	22.86	22.93	23.50
		HIGH	QPSK	22.66	22.92	22.89	23.50
	15	LOW	QPSK	22.66	22.66	22.99	23.50
3	1	LOW	Q16	22.50	22.90	22.74	23.50
		MID	Q16	23.32	22.75	23.15	23.50
		HIGH	Q16	22.87	22.18	22.42	23.50
	8	LOW	Q16	22.48	22.94	22.98	23.00
		MID	Q16	22.66	22.88	22.84	23.00
		HIGH	Q16	22.65	22.87	22.92	23.00
	15	LOW	Q16	22.65	22.94	22.96	23.00
3	1	LOW	64QAM	22.16	22.50	22.31	23.00
		MID	64QAM	22.81	22.44	22.35	23.00
		HIGH	64QAM	22.11	21.79	22.04	23.00
	8	LOW	64QAM	21.55	21.74	21.79	22.00
		MID	64QAM	21.84	21.87	21.86	22.00
		HIGH	64QAM	21.80	21.65	21.83	22.00
	15	LOW	64QAM	21.68	21.87	21.78	22.00

LTE B5-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.59	22.75	22.75	23.50
		MID	QPSK	22.72	22.97	23.24	23.50
		HIGH	QPSK	23.04	22.53	22.82	23.50
	12	LOW	QPSK	22.80	22.77	22.76	23.50
		MID	QPSK	22.80	22.85	23.03	23.50
		HIGH	QPSK	22.87	22.69	22.97	23.50
	25	LOW	QPSK	22.76	22.86	22.89	23.50
5	1	LOW	Q16	22.54	23.03	22.89	23.50
		MID	Q16	23.34	22.77	22.90	23.50
		HIGH	Q16	22.85	22.19	22.54	23.50
	12	LOW	Q16	22.73	22.96	22.98	23.00
		MID	Q16	22.76	22.98	22.92	23.00
		HIGH	Q16	22.77	22.77	22.82	23.00
	25	LOW	Q16	22.76	22.80	22.87	23.00
5	1	LOW	64QAM	22.17	22.51	22.44	23.00
		MID	64QAM	22.79	22.59	22.38	23.00
		HIGH	64QAM	22.22	21.74	22.05	23.00
	12	LOW	64QAM	21.51	21.86	21.86	22.00
		MID	64QAM	22.00	21.87	21.89	22.00
		HIGH	64QAM	21.87	21.82	21.88	22.00
	25	LOW	64QAM	21.78	21.60	21.89	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.56	22.61	22.53	23.50
		MID	QPSK	22.57	22.55	22.56	23.50
		HIGH	QPSK	22.61	22.60	22.54	23.50
	25	LOW	QPSK	22.70	22.84	22.82	23.50
		MID	QPSK	22.75	22.82	22.79	23.50
		HIGH	QPSK	22.80	22.81	22.81	23.50
	50	LOW	QPSK	22.74	22.80	22.86	23.50
10	1	LOW	Q16	22.59	22.89	22.89	23.50
		MID	Q16	23.46	22.90	23.02	23.50
		HIGH	Q16	22.80	22.20	22.55	23.50
	25	LOW	Q16	22.62	22.91	22.96	23.00
		MID	Q16	22.76	22.90	22.97	23.00
		HIGH	Q16	22.79	22.88	22.95	23.00
	50	LOW	Q16	22.73	22.82	22.85	23.00
10	1	LOW	64QAM	22.03	22.48	22.38	23.00
		MID	64QAM	22.88	22.53	22.50	23.00
		HIGH	64QAM	22.17	21.75	22.16	23.00
	25	LOW	64QAM	21.64	21.78	21.88	22.00
		MID	64QAM	21.88	21.94	21.97	22.00
		HIGH	64QAM	21.88	21.76	21.92	22.00
	50	LOW	64QAM	21.81	21.72	21.79	22.00

LTE B5-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.50	21.56	21.78	22.50
		MID	QPSK	21.80	22.18	22.38	22.50
		HIGH	QPSK	21.74	21.97	22.04	22.50
	3	LOW	QPSK	21.52	21.59	21.78	22.50
		MID	QPSK	21.93	22.36	22.22	22.50
		HIGH	QPSK	21.79	21.76	21.91	22.50
	6	LOW	QPSK	21.82	22.03	21.91	22.50
1.4	1	LOW	Q16	21.85	21.76	22.01	22.50
		MID	Q16	22.37	22.11	21.95	22.50
		HIGH	Q16	21.93	21.41	22.22	22.50
	3	LOW	Q16	21.58	21.79	21.97	22.50
		MID	Q16	22.50	22.06	22.11	22.50
		HIGH	Q16	21.84	21.19	22.04	22.50
	6	LOW	Q16	21.71	21.73	21.92	22.50
1.4	1	LOW	64QAM	21.74	22.03	21.86	22.50
		MID	64QAM	22.43	21.98	21.99	22.50
		HIGH	64QAM	21.71	21.35	22.04	22.50
	3	LOW	64QAM	21.68	21.79	22.01	22.50
		MID	64QAM	22.36	22.08	22.25	22.50
		HIGH	64QAM	21.82	21.08	21.98	22.50
	6	LOW	64QAM	21.29	21.15	21.44	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	21.70	21.85	21.62	22.50
		MID	QPSK	21.99	22.26	22.47	22.50
		HIGH	QPSK	21.79	21.97	22.04	22.50
	8	LOW	QPSK	21.78	21.78	22.09	22.50
		MID	QPSK	21.81	21.80	22.15	22.50
		HIGH	QPSK	21.96	22.04	22.12	22.50
	15	LOW	QPSK	21.97	21.89	21.99	22.50
3	1	LOW	Q16	21.67	21.79	21.82	22.50
		MID	Q16	22.31	21.94	21.88	22.50
		HIGH	Q16	21.95	21.42	22.09	22.50
	8	LOW	Q16	22.02	21.87	22.05	22.50
		MID	Q16	21.77	21.83	22.22	22.50
		HIGH	Q16	21.78	21.92	22.14	22.50
	15	LOW	Q16	21.73	21.68	22.01	22.50
3	1	LOW	64QAM	21.66	22.10	22.04	22.50
		MID	64QAM	22.43	22.06	21.84	22.50
		HIGH	64QAM	21.81	21.24	22.11	22.50
	8	LOW	64QAM	21.44	21.60	21.65	22.00
		MID	64QAM	21.65	21.50	21.83	22.00
		HIGH	64QAM	21.31	21.43	21.48	22.00
	15	LOW	64QAM	21.17	21.57	21.50	22.00

LTE B5-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	21.52	21.63	21.68	22.50
		MID	QPSK	21.72	22.32	22.29	22.50
		HIGH	QPSK	21.77	21.91	21.88	22.50
	12	LOW	QPSK	21.93	21.78	22.02	22.50
		MID	QPSK	21.98	21.97	21.96	22.50
		HIGH	QPSK	21.93	21.90	22.10	22.50
	25	LOW	QPSK	21.95	21.83	22.05	22.50
5	1	LOW	Q16	21.84	21.99	21.94	22.50
		MID	Q16	22.45	21.90	22.12	22.50
		HIGH	Q16	21.80	21.31	22.06	22.50
	12	LOW	Q16	21.96	21.95	22.28	22.50
		MID	Q16	21.78	21.90	22.11	22.50
		HIGH	Q16	22.02	22.05	21.88	22.50
	25	LOW	Q16	21.82	21.76	21.94	22.50
5	1	LOW	64QAM	21.66	21.89	22.00	22.50
		MID	64QAM	22.46	21.88	21.95	22.50
		HIGH	64QAM	21.97	21.32	21.97	22.50
	12	LOW	64QAM	21.49	21.63	21.78	22.00
		MID	64QAM	21.56	21.62	21.73	22.00
		HIGH	64QAM	21.23	21.45	21.26	22.00
	25	LOW	64QAM	21.14	21.41	21.64	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	21.62	21.70	21.77	22.50
		MID	QPSK	21.86	22.31	22.35	22.50
		HIGH	QPSK	21.77	21.87	21.99	22.50
	25	LOW	QPSK	21.85	21.93	21.94	22.50
		MID	QPSK	21.85	21.90	22.11	22.50
		HIGH	QPSK	21.94	21.91	22.04	22.50
	50	LOW	QPSK	21.87	21.91	21.98	22.50
10	1	LOW	Q16	21.71	21.90	21.95	22.50
		MID	Q16	22.43	22.02	22.02	22.50
		HIGH	Q16	21.85	21.27	22.11	22.50
	25	LOW	Q16	21.88	21.95	22.20	22.50
		MID	Q16	21.91	21.92	22.18	22.50
		HIGH	Q16	21.88	21.94	22.00	22.50
	50	LOW	Q16	21.84	21.81	21.91	22.50
10	1	LOW	64QAM	21.56	21.96	22.01	22.50
		MID	64QAM	22.48	21.98	21.88	22.50
		HIGH	64QAM	21.92	21.22	22.12	22.50
	25	LOW	64QAM	21.37	21.58	21.74	22.00
		MID	64QAM	21.54	21.47	21.78	22.00
		HIGH	64QAM	21.25	21.49	21.41	22.00
	50	LOW	64QAM	21.20	21.42	21.55	22.00

LTE B5-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.56	22.46	22.70	23.00
		MID	QPSK	22.81	22.84	22.99	23.00
		HIGH	QPSK	22.78	22.64	22.99	23.00
	3	LOW	QPSK	22.57	22.65	22.84	23.00
		MID	QPSK	22.53	22.97	23.00	23.00
		HIGH	QPSK	22.94	22.52	22.80	23.00
	6	LOW	QPSK	22.70	22.94	22.79	23.00
1.4	1	LOW	Q16	22.53	22.89	22.84	23.00
		MID	Q16	22.81	22.92	22.97	23.00
		HIGH	Q16	22.80	22.10	22.45	23.00
	3	LOW	Q16	22.71	22.85	22.74	23.00
		MID	Q16	22.97	23.00	22.90	23.00
		HIGH	Q16	22.68	22.24	22.70	23.00
	6	LOW	Q16	22.77	22.86	22.90	23.00
1.4	1	LOW	64QAM	22.68	22.88	22.89	23.00
		MID	64QAM	22.67	22.78	22.89	23.00
		HIGH	64QAM	22.76	22.03	22.35	23.00
	3	LOW	64QAM	22.54	22.67	22.98	23.00
		MID	64QAM	22.84	22.91	22.93	23.00
		HIGH	64QAM	22.64	22.29	22.64	23.00
	6	LOW	64QAM	21.75	21.71	21.94	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.72	22.51	22.66	23.00
		MID	QPSK	22.53	22.99	22.91	23.00
		HIGH	QPSK	22.97	22.62	22.86	23.00
	8	LOW	QPSK	22.56	22.97	22.94	23.00
		MID	QPSK	22.76	22.71	22.93	23.00
		HIGH	QPSK	22.74	22.77	22.93	23.00
	15	LOW	QPSK	22.62	22.93	22.96	23.00
3	1	LOW	Q16	22.50	22.93	22.84	23.00
		MID	Q16	22.99	22.95	22.87	23.00
		HIGH	Q16	22.67	22.25	22.63	23.00
	8	LOW	Q16	22.57	22.76	22.93	23.00
		MID	Q16	22.66	22.86	22.88	23.00
		HIGH	Q16	22.67	22.89	22.81	23.00
	15	LOW	Q16	22.82	22.81	22.90	23.00
3	1	LOW	64QAM	22.64	22.85	22.87	23.00
		MID	64QAM	22.95	22.87	22.96	23.00
		HIGH	64QAM	22.64	22.13	22.35	23.00
	8	LOW	64QAM	21.57	21.89	21.96	22.00
		MID	64QAM	21.79	22.00	21.85	22.00
		HIGH	64QAM	21.78	21.91	21.87	22.00
	15	LOW	64QAM	21.74	21.59	21.97	22.00

LTE B5-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.61	22.86	23.00
		MID	QPSK	22.64	22.88	22.88	23.00
		HIGH	QPSK	23.00	22.63	22.95	23.00
	12	LOW	QPSK	22.76	22.71	22.69	23.00
		MID	QPSK	22.61	22.72	22.89	23.00
		HIGH	QPSK	22.82	22.78	23.00	23.00
	25	LOW	QPSK	22.87	22.95	22.76	23.00
5	1	LOW	Q16	22.63	22.79	22.76	23.00
		MID	Q16	22.94	22.92	22.84	23.00
		HIGH	Q16	22.91	22.30	22.61	23.00
	12	LOW	Q16	22.55	22.77	22.99	23.00
		MID	Q16	22.73	22.89	22.82	23.00
		HIGH	Q16	22.88	22.75	22.85	23.00
	25	LOW	Q16	22.66	22.93	22.70	23.00
5	1	LOW	64QAM	22.45	22.81	22.74	23.00
		MID	64QAM	22.82	22.64	22.85	23.00
		HIGH	64QAM	22.71	22.22	22.40	23.00
	12	LOW	64QAM	21.49	21.96	21.82	22.00
		MID	64QAM	21.68	21.85	21.86	22.00
		HIGH	64QAM	21.74	21.91	21.79	22.00
	25	LOW	64QAM	21.77	21.57	21.95	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.57	22.61	22.42	23.00
		MID	QPSK	22.48	22.55	22.37	23.00
		HIGH	QPSK	22.49	22.43	22.40	23.00
	25	LOW	QPSK	22.68	22.84	22.82	23.00
		MID	QPSK	22.72	22.82	22.72	23.00
		HIGH	QPSK	22.74	22.81	22.68	23.00
	50	LOW	QPSK	22.74	22.80	22.86	23.00
10	1	LOW	Q16	22.59	22.89	22.89	23.00
		MID	Q16	22.96	22.90	22.92	23.00
		HIGH	Q16	22.80	22.20	22.55	23.00
	25	LOW	Q16	22.62	22.91	22.96	23.00
		MID	Q16	22.76	22.90	22.97	23.00
		HIGH	Q16	22.79	22.88	22.95	23.00
	50	LOW	Q16	22.73	22.82	22.85	23.00
10	1	LOW	64QAM	22.51	22.74	22.78	23.00
		MID	64QAM	22.97	22.79	22.95	23.00
		HIGH	64QAM	22.74	22.07	22.42	23.00
	25	LOW	64QAM	21.58	21.92	21.94	22.00
		MID	64QAM	21.78	21.92	21.95	22.00
		HIGH	64QAM	21.85	21.86	21.94	22.00
	50	LOW	64QAM	21.79	21.71	21.83	22.00

8.4.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.29	24.64	24.48	25.00
		MID	QPSK	24.85	24.87	24.76	25.00
		HIGH	QPSK	24.57	24.40	24.34	25.00
	12	LOW	QPSK	24.98	24.69	24.95	25.00
		MID	QPSK	24.99	24.85	24.94	25.00
		HIGH	QPSK	24.80	24.60	24.68	25.00
	25	LOW	QPSK	24.46	24.32	23.40	24.50
5	1	LOW	Q16	24.41	24.45	24.32	24.50
		MID	Q16	24.46	24.48	24.42	24.50
		HIGH	Q16	24.39	24.28	23.73	24.50
	12	LOW	Q16	24.00	23.79	23.98	24.00
		MID	Q16	23.89	23.99	23.79	24.00
		HIGH	Q16	23.93	23.99	23.81	24.00
	25	LOW	Q16	23.83	23.82	23.99	24.00
5	1	LOW	64QAM	22.71	22.97	22.90	23.00
		MID	64QAM	23.00	22.83	22.90	23.00
		HIGH	64QAM	22.85	22.96	22.16	23.00
	12	LOW	64QAM	21.71	21.98	21.92	22.00
		MID	64QAM	21.79	21.99	21.95	22.00
		HIGH	64QAM	21.96	21.96	21.94	22.00
	25	LOW	64QAM	21.75	21.96	21.88	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.35	24.70	24.48	25.00
		MID	QPSK	24.97	24.94	24.87	25.00
		HIGH	QPSK	24.41	24.59	24.42	25.00
	25	LOW	QPSK	24.87	24.85	24.71	25.00
		MID	QPSK	24.76	24.80	24.85	25.00
		HIGH	QPSK	24.87	24.58	24.46	25.00
	50	LOW	QPSK	24.40	24.32	23.41	24.50
10	1	LOW	Q16	24.48	24.40	24.31	24.50
		MID	Q16	24.46	24.50	24.50	24.50
		HIGH	Q16	24.21	24.36	23.69	24.50
	25	LOW	Q16	23.84	23.77	23.88	24.00
		MID	Q16	23.88	24.00	23.86	24.00
		HIGH	Q16	23.86	23.84	23.99	24.00
	50	LOW	Q16	23.95	23.79	23.88	24.00
10	1	LOW	64QAM	22.97	22.76	22.85	23.00
		MID	64QAM	22.96	22.96	22.85	23.00
		HIGH	64QAM	22.64	23.00	22.29	23.00
	25	LOW	64QAM	21.67	21.95	21.96	22.00
		MID	64QAM	21.88	21.90	21.72	22.00
		HIGH	64QAM	21.89	21.76	21.87	22.00
	50	LOW	64QAM	21.84	21.94	21.81	22.00

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.39	24.68	24.28	25.00
		MID	QPSK	24.85	24.89	24.88	25.00
		HIGH	QPSK	24.53	24.40	24.40	25.00
	36	LOW	QPSK	24.86	24.74	24.81	25.00
		MID	QPSK	24.98	24.85	24.89	25.00
		HIGH	QPSK	24.68	24.76	24.53	25.00
75	LOW	QPSK	24.42	24.33	23.33	24.50	
15	1	LOW	Q16	24.45	24.39	24.32	24.50
		MID	Q16	24.46	24.33	24.45	24.50
		HIGH	Q16	24.43	24.28	23.71	24.50
	36	LOW	Q16	23.82	23.96	23.99	24.00
		MID	Q16	23.74	23.90	23.86	24.00
		HIGH	Q16	23.97	23.99	23.84	24.00
75	LOW	Q16	23.92	23.82	23.90	24.00	
15	1	LOW	64QAM	22.91	22.81	22.71	23.00
		MID	64QAM	22.96	22.86	22.86	23.00
		HIGH	64QAM	22.80	22.87	22.28	23.00
	36	LOW	64QAM	21.68	21.74	21.88	22.00
		MID	64QAM	21.77	21.81	21.87	22.00
		HIGH	64QAM	22.00	21.88	21.98	22.00
75	LOW	64QAM	21.93	21.98	21.97	22.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.42	24.75	24.40	25.00
		MID	QPSK	24.90	24.97	24.80	25.00
		HIGH	QPSK	24.43	24.48	24.29	25.00
	50	LOW	QPSK	24.89	24.72	24.80	25.00
		MID	QPSK	24.86	24.80	24.81	25.00
		HIGH	QPSK	24.78	24.63	24.60	25.00
100	LOW	QPSK	24.50	24.47	23.29	24.50	
20	1	LOW	Q16	24.45	24.44	24.42	24.50
		MID	Q16	24.45	24.48	24.49	24.50
		HIGH	Q16	24.36	24.33	23.82	24.50
	50	LOW	Q16	23.96	23.92	23.99	24.00
		MID	Q16	23.89	23.94	23.94	24.00
		HIGH	Q16	23.96	23.95	23.96	24.00
100	LOW	Q16	23.94	23.90	23.98	24.00	
20	1	LOW	64QAM	22.85	22.87	22.86	23.00
		MID	64QAM	22.89	22.91	22.97	23.00
		HIGH	64QAM	22.78	22.94	22.23	23.00
	50	LOW	64QAM	21.81	21.87	22.00	22.00
		MID	64QAM	21.74	21.88	21.84	22.00
		HIGH	64QAM	21.96	21.82	21.92	22.00
100	LOW	64QAM	21.89	21.98	21.83	22.00	

LTE B7-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.48	17.18	16.56	17.50
		MID	QPSK	17.35	17.48	17.24	17.50
		HIGH	QPSK	17.20	16.73	16.54	17.50
	12	LOW	QPSK	17.46	17.21	16.94	17.50
		MID	QPSK	17.39	17.15	16.86	17.50
		HIGH	QPSK	17.28	17.08	16.82	17.50
	25	LOW	QPSK	17.39	17.09	16.85	17.50
5	1	LOW	Q16	17.44	16.86	17.25	17.50
		MID	Q16	17.07	17.20	17.27	17.50
		HIGH	Q16	16.76	16.50	16.56	17.50
	12	LOW	Q16	17.30	17.02	16.91	17.50
		MID	Q16	17.15	17.14	16.71	17.50
		HIGH	Q16	17.13	17.02	16.85	17.50
	25	LOW	Q16	17.01	16.99	16.93	17.50
5	1	LOW	64QAM	17.40	16.75	17.32	17.50
		MID	64QAM	17.15	17.22	17.41	17.50
		HIGH	64QAM	16.64	16.60	16.51	17.50
	12	LOW	64QAM	17.16	17.10	16.79	17.50
		MID	64QAM	17.22	17.15	16.84	17.50
		HIGH	64QAM	17.11	17.10	17.11	17.50
	25	LOW	64QAM	17.21	16.97	16.89	17.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.28	16.94	16.84	17.50
		MID	QPSK	17.34	17.43	17.26	17.50
		HIGH	QPSK	17.31	16.80	16.53	17.50
	25	LOW	QPSK	17.43	17.30	17.15	17.50
		MID	QPSK	17.46	17.21	16.98	17.50
		HIGH	QPSK	17.23	17.21	16.88	17.50
	50	LOW	QPSK	17.25	17.22	16.94	17.50
10	1	LOW	Q16	17.42	16.78	17.40	17.50
		MID	Q16	17.30	17.00	17.35	17.50
		HIGH	Q16	16.71	16.61	16.41	17.50
	25	LOW	Q16	17.44	17.15	16.87	17.50
		MID	Q16	17.13	17.25	16.91	17.50
		HIGH	Q16	17.08	17.19	16.81	17.50
	50	LOW	Q16	17.09	17.14	17.01	17.50
10	1	LOW	64QAM	17.35	16.81	17.24	17.50
		MID	64QAM	17.16	17.26	17.46	17.50
		HIGH	64QAM	16.63	16.61	16.36	17.50
	25	LOW	64QAM	17.35	16.91	16.88	17.50
		MID	64QAM	17.40	17.33	16.61	17.50
		HIGH	64QAM	17.06	17.33	17.00	17.50
	50	LOW	64QAM	17.01	16.92	17.00	17.50

LTE B7-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.33	17.23	16.72	17.50
		MID	QPSK	17.35	17.24	16.99	17.50
		HIGH	QPSK	17.28	16.92	16.50	17.50
	36	LOW	QPSK	17.42	17.24	17.13	17.50
		MID	QPSK	17.30	17.28	16.99	17.50
		HIGH	QPSK	17.34	17.21	16.94	17.50
	75	LOW	QPSK	17.28	17.15	17.07	17.50
15	1	LOW	Q16	17.41	16.92	17.30	17.50
		MID	Q16	17.21	17.11	17.23	17.50
		HIGH	Q16	16.76	16.41	16.48	17.50
	36	LOW	Q16	17.36	17.21	16.99	17.50
		MID	Q16	17.36	17.09	16.95	17.50
		HIGH	Q16	17.11	16.97	17.02	17.50
	75	LOW	Q16	17.17	17.03	17.03	17.50
15	1	LOW	64QAM	17.36	16.66	17.21	17.50
		MID	64QAM	17.01	17.07	17.40	17.50
		HIGH	64QAM	16.77	16.64	16.31	17.50
	36	LOW	64QAM	17.23	16.99	17.00	17.50
		MID	64QAM	17.41	17.25	16.81	17.50
		HIGH	64QAM	17.14	17.17	16.83	17.50
	75	LOW	64QAM	17.09	17.11	17.01	17.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.04	17.08	16.69	17.50
		MID	QPSK	17.05	17.05	17.01	17.50
		HIGH	QPSK	17.07	16.85	16.57	17.50
	50	LOW	QPSK	17.23	17.23	17.00	17.50
		MID	QPSK	17.21	17.21	16.93	17.50
		HIGH	QPSK	17.23	17.21	16.81	17.50
	100	LOW	QPSK	17.40	17.22	16.97	17.50
20	1	LOW	Q16	17.47	16.81	17.26	17.50
		MID	Q16	17.16	17.14	17.30	17.50
		HIGH	Q16	16.80	16.54	16.43	17.50
	50	LOW	Q16	17.30	17.13	16.94	17.50
		MID	Q16	17.24	17.14	16.86	17.50
		HIGH	Q16	17.14	17.11	16.92	17.50
	100	LOW	Q16	17.02	17.14	16.92	17.50
20	1	LOW	64QAM	17.46	16.68	17.23	17.50
		MID	64QAM	17.16	17.12	17.32	17.50
		HIGH	64QAM	16.71	16.63	16.37	17.50
	50	LOW	64QAM	17.22	17.04	16.93	17.50
		MID	64QAM	17.29	17.18	16.72	17.50
		HIGH	64QAM	17.14	17.21	16.98	17.50
	100	LOW	64QAM	17.13	17.00	16.99	17.50

LTE B7-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.94	15.50	15.41	16.00
		MID	QPSK	15.87	15.93	15.67	16.00
		HIGH	QPSK	15.78	15.27	15.14	16.00
	12	LOW	QPSK	15.74	15.77	15.45	16.00
		MID	QPSK	15.90	15.84	15.37	16.00
		HIGH	QPSK	15.85	15.62	15.29	16.00
	25	LOW	QPSK	15.76	15.97	15.52	16.00
5	1	LOW	Q16	15.99	15.98	15.60	16.00
		MID	Q16	15.81	15.43	15.84	16.00
		HIGH	Q16	14.87	15.18	14.90	16.00
	12	LOW	Q16	15.72	15.75	15.70	16.00
		MID	Q16	15.89	15.68	15.32	16.00
		HIGH	Q16	15.77	15.86	15.58	16.00
	25	LOW	Q16	15.78	15.91	15.59	16.00
5	1	LOW	64QAM	15.79	15.93	15.50	16.00
		MID	64QAM	15.98	15.33	15.81	16.00
		HIGH	64QAM	14.58	15.44	15.04	16.00
	12	LOW	64QAM	15.87	15.81	15.80	16.00
		MID	64QAM	15.66	15.98	15.43	16.00
		HIGH	64QAM	15.85	15.83	15.77	16.00
	25	LOW	64QAM	15.87	15.68	15.39	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.81	15.73	15.37	16.00
		MID	QPSK	15.99	15.99	15.88	16.00
		HIGH	QPSK	15.54	15.45	15.16	16.00
	25	LOW	QPSK	15.72	15.80	15.53	16.00
		MID	QPSK	15.79	15.65	15.59	16.00
		HIGH	QPSK	15.62	15.74	15.47	16.00
	50	LOW	QPSK	15.72	15.89	15.60	16.00
10	1	LOW	Q16	15.94	15.87	15.57	16.00
		MID	Q16	15.83	15.51	15.86	16.00
		HIGH	Q16	14.88	15.07	14.83	16.00
	25	LOW	Q16	15.70	15.86	15.59	16.00
		MID	Q16	15.73	15.69	15.44	16.00
		HIGH	Q16	15.60	15.97	15.41	16.00
	50	LOW	Q16	15.76	15.83	15.66	16.00
10	1	LOW	64QAM	15.98	15.73	15.37	16.00
		MID	64QAM	15.92	15.43	15.95	16.00
		HIGH	64QAM	14.56	15.15	15.03	16.00
	25	LOW	64QAM	15.99	15.84	15.71	16.00
		MID	64QAM	15.70	15.93	15.68	16.00
		HIGH	64QAM	15.72	16.00	15.55	16.00
	50	LOW	64QAM	15.86	15.73	15.64	16.00

LTE B7-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.78	15.64	15.31	16.00
		MID	QPSK	15.95	15.90	15.76	16.00
		HIGH	QPSK	15.79	15.32	15.28	16.00
	36	LOW	QPSK	15.83	15.85	15.67	16.00
		MID	QPSK	15.94	15.67	15.62	16.00
		HIGH	QPSK	15.63	15.63	15.39	16.00
	75	LOW	QPSK	15.98	15.91	15.43	16.00
15	1	LOW	Q16	15.85	15.88	15.55	16.00
		MID	Q16	15.90	15.50	15.96	16.00
		HIGH	Q16	14.74	15.29	14.92	16.00
	36	LOW	Q16	15.68	15.77	15.54	16.00
		MID	Q16	15.81	15.90	15.41	16.00
		HIGH	Q16	15.74	15.79	15.58	16.00
	75	LOW	Q16	15.63	15.83	15.45	16.00
15	1	LOW	64QAM	15.78	15.92	15.59	16.00
		MID	64QAM	15.95	15.45	15.97	16.00
		HIGH	64QAM	14.56	15.26	14.82	16.00
	36	LOW	64QAM	15.92	15.93	15.83	16.00
		MID	64QAM	15.86	15.99	15.50	16.00
		HIGH	64QAM	15.84	15.92	15.77	16.00
	75	LOW	64QAM	15.87	15.91	15.51	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.90	15.90	15.28	16.00
		MID	QPSK	15.83	15.60	15.28	16.00
		HIGH	QPSK	15.69	15.36	15.13	16.00
	50	LOW	QPSK	15.80	15.80	15.57	16.00
		MID	QPSK	15.74	15.80	15.50	16.00
		HIGH	QPSK	15.72	15.77	15.43	16.00
	100	LOW	QPSK	15.84	15.88	15.55	16.00
20	1	LOW	Q16	15.98	15.84	15.48	16.00
		MID	Q16	15.86	15.44	15.91	16.00
		HIGH	Q16	14.80	15.21	14.94	16.00
	50	LOW	Q16	15.82	15.84	15.69	16.00
		MID	Q16	15.84	15.83	15.43	16.00
		HIGH	Q16	15.72	15.89	15.52	16.00
	100	LOW	Q16	15.71	15.79	15.56	16.00
20	1	LOW	64QAM	15.91	15.87	15.46	16.00
		MID	64QAM	15.97	15.45	15.96	16.00
		HIGH	64QAM	14.66	15.29	14.93	16.00
	50	LOW	64QAM	15.91	15.92	15.77	16.00
		MID	64QAM	15.78	15.93	15.54	16.00
		HIGH	64QAM	15.77	15.88	15.64	16.00
	100	LOW	64QAM	15.77	15.83	15.52	16.00

LTE B7-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.50	15.76	15.09	16.00
		MID	QPSK	15.88	15.94	15.55	16.00
		HIGH	QPSK	15.18	15.31	14.87	16.00
	12	LOW	QPSK	15.65	15.50	15.22	16.00
		MID	QPSK	15.50	15.56	15.08	16.00
		HIGH	QPSK	15.62	15.56	15.15	16.00
	25	LOW	QPSK	15.49	15.60	15.38	16.00
5	1	LOW	Q16	15.91	15.92	15.15	16.00
		MID	Q16	15.75	15.46	14.75	16.00
		HIGH	Q16	15.19	14.99	14.62	16.00
	12	LOW	Q16	15.80	15.78	15.24	16.00
		MID	Q16	15.56	15.69	15.15	16.00
		HIGH	Q16	15.19	15.67	14.97	16.00
	25	LOW	Q16	15.56	15.23	15.09	16.00
5	1	LOW	64QAM	15.88	15.95	15.18	16.00
		MID	64QAM	15.99	15.56	14.99	16.00
		HIGH	64QAM	15.23	15.07	14.74	16.00
	12	LOW	64QAM	15.72	15.85	15.38	16.00
		MID	64QAM	15.41	15.38	15.45	16.00
		HIGH	64QAM	15.18	15.61	15.04	16.00
	25	LOW	64QAM	15.59	15.25	15.26	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.65	15.79	15.22	16.00
		MID	QPSK	15.62	15.92	15.64	16.00
		HIGH	QPSK	15.20	15.46	14.82	16.00
	25	LOW	QPSK	15.61	15.52	15.14	16.00
		MID	QPSK	15.66	15.53	15.19	16.00
		HIGH	QPSK	15.51	15.62	15.25	16.00
	50	LOW	QPSK	15.37	15.47	15.17	16.00
10	1	LOW	Q16	15.87	15.95	15.24	16.00
		MID	Q16	15.89	15.53	14.78	16.00
		HIGH	Q16	15.40	14.91	14.83	16.00
	25	LOW	Q16	15.80	15.74	15.35	16.00
		MID	Q16	15.46	15.52	15.18	16.00
		HIGH	Q16	15.20	15.57	15.19	16.00
	50	LOW	Q16	15.60	15.40	15.38	16.00
10	1	LOW	64QAM	15.89	15.96	15.37	16.00
		MID	64QAM	15.99	15.44	15.03	16.00
		HIGH	64QAM	15.22	15.23	14.94	16.00
	25	LOW	64QAM	15.67	15.87	15.27	16.00
		MID	64QAM	15.59	15.36	15.37	16.00
		HIGH	64QAM	15.19	15.64	15.02	16.00
	50	LOW	64QAM	15.69	15.17	15.35	16.00

LTE B7-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.58	15.90	15.22	16.00
		MID	QPSK	15.75	15.85	15.61	16.00
		HIGH	QPSK	15.14	15.58	14.98	16.00
	36	LOW	QPSK	15.55	15.54	15.24	16.00
		MID	QPSK	15.57	15.61	15.33	16.00
		HIGH	QPSK	15.50	15.69	15.30	16.00
	75	LOW	QPSK	15.54	15.77	15.31	16.00
	15	LOW	Q16	16.00	15.92	15.24	16.00
		MID	Q16	15.91	15.72	14.79	16.00
		HIGH	Q16	15.34	14.93	14.87	16.00
15	1	LOW	Q16	15.64	15.62	15.08	16.00
		MID	Q16	15.41	15.43	15.29	16.00
		HIGH	Q16	15.40	15.45	15.10	16.00
	36	LOW	Q16	15.57	15.37	15.23	16.00
		LOW	64QAM	15.80	15.91	15.32	16.00
		MID	64QAM	15.78	15.52	14.99	16.00
		HIGH	64QAM	15.22	15.01	14.75	16.00
	36	LOW	64QAM	15.68	15.68	15.48	16.00
		MID	64QAM	15.43	15.60	15.42	16.00
		HIGH	64QAM	15.06	15.64	15.00	16.00
15	1	LOW	64QAM	15.60	15.18	15.31	16.00
		LOW	64QAM	15.60	15.18	15.31	16.00
		MID	64QAM	15.60	15.18	15.31	16.00
	36	LOW	64QAM	15.60	15.18	15.31	16.00
		MID	64QAM	15.60	15.18	15.31	16.00
		HIGH	64QAM	15.60	15.18	15.31	16.00
	75	LOW	64QAM	15.60	15.18	15.31	16.00
		MID	64QAM	15.60	15.18	15.31	16.00
		HIGH	64QAM	15.60	15.18	15.31	16.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.60	15.77	15.09	16.00
		MID	QPSK	15.77	15.72	15.55	16.00
		HIGH	QPSK	15.22	15.45	14.97	16.00
	50	LOW	QPSK	15.54	15.58	15.15	16.00
		MID	QPSK	15.52	15.53	15.23	16.00
		HIGH	QPSK	15.50	15.54	15.20	16.00
	100	LOW	QPSK	15.52	15.62	15.24	16.00
	20	LOW	Q16	15.96	15.84	15.28	16.00
		MID	Q16	15.84	15.59	14.89	16.00
		HIGH	Q16	15.28	15.03	14.72	16.00
20	1	LOW	Q16	15.71	15.64	15.23	16.00
		MID	Q16	15.54	15.57	15.21	16.00
		HIGH	Q16	15.31	15.60	15.04	16.00
	50	LOW	Q16	15.56	15.35	15.24	16.00
		LOW	64QAM	15.91	15.89	15.31	16.00
		MID	64QAM	15.91	15.57	14.88	16.00
		HIGH	64QAM	15.19	15.16	14.81	16.00
	50	LOW	64QAM	15.78	15.78	15.36	16.00
		MID	64QAM	15.54	15.48	15.30	16.00
		HIGH	64QAM	15.20	15.72	15.05	16.00
20	100	LOW	64QAM	15.64	15.22	15.23	16.00

LTE B7-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	14.88	15.10	14.56	15.50
		MID	QPSK	15.31	15.31	14.90	15.50
		HIGH	QPSK	14.60	15.27	14.47	15.50
	12	LOW	QPSK	15.10	15.17	14.91	15.50
		MID	QPSK	15.18	15.07	14.73	15.50
		HIGH	QPSK	15.06	15.13	14.71	15.50
	25	LOW	QPSK	15.18	15.08	14.85	15.50
5	1	LOW	Q16	15.37	15.22	14.71	15.50
		MID	Q16	15.40	15.23	14.58	15.50
		HIGH	Q16	14.55	14.83	14.35	15.50
	12	LOW	Q16	14.81	14.99	14.71	15.50
		MID	Q16	14.99	15.15	14.77	15.50
		HIGH	Q16	14.92	14.95	14.83	15.50
	25	LOW	Q16	15.17	15.08	14.62	15.50
5	1	LOW	64QAM	15.28	15.29	14.70	15.50
		MID	64QAM	15.40	14.83	14.56	15.50
		HIGH	64QAM	14.39	14.60	14.33	15.50
	12	LOW	64QAM	15.07	15.16	14.58	15.50
		MID	64QAM	15.02	15.02	14.84	15.50
		HIGH	64QAM	14.88	15.09	14.74	15.50
	25	LOW	64QAM	15.32	15.02	14.88	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.01	15.27	14.60	15.50
		MID	QPSK	15.16	15.28	14.89	15.50
		HIGH	QPSK	14.68	15.11	14.44	15.50
	25	LOW	QPSK	14.88	15.27	14.74	15.50
		MID	QPSK	14.98	15.23	14.81	15.50
		HIGH	QPSK	14.96	15.13	14.93	15.50
	50	LOW	QPSK	15.09	15.11	14.74	15.50
10	1	LOW	Q16	15.45	15.20	14.53	15.50
		MID	Q16	15.43	15.13	14.52	15.50
		HIGH	Q16	14.49	14.67	14.28	15.50
	25	LOW	Q16	14.83	15.12	14.80	15.50
		MID	Q16	14.92	14.85	14.81	15.50
		HIGH	Q16	14.93	15.01	14.59	15.50
	50	LOW	Q16	14.89	15.11	14.72	15.50
10	1	LOW	64QAM	15.27	15.33	14.69	15.50
		MID	64QAM	15.50	14.83	14.48	15.50
		HIGH	64QAM	14.40	14.63	14.24	15.50
	25	LOW	64QAM	14.90	14.98	14.60	15.50
		MID	64QAM	15.11	15.00	14.90	15.50
		HIGH	64QAM	14.73	15.18	14.47	15.50
	50	LOW	64QAM	15.32	15.00	14.91	15.50

LTE B7-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.05	15.16	14.75	15.50
		MID	QPSK	15.05	15.40	14.91	15.50
		HIGH	QPSK	14.61	15.26	14.44	15.50
	36	LOW	QPSK	15.15	14.99	14.93	15.50
		MID	QPSK	15.19	15.17	14.96	15.50
		HIGH	QPSK	15.01	14.94	14.94	15.50
	75	LOW	QPSK	15.12	15.06	14.88	15.50
15	1	LOW	Q16	15.49	15.39	14.71	15.50
		MID	Q16	15.43	15.18	14.38	15.50
		HIGH	Q16	14.55	14.63	14.52	15.50
	36	LOW	Q16	15.05	15.11	14.79	15.50
		MID	Q16	14.91	14.96	14.67	15.50
		HIGH	Q16	14.81	15.10	14.73	15.50
	75	LOW	Q16	15.14	14.91	14.87	15.50
15	1	LOW	64QAM	15.50	15.37	14.66	15.50
		MID	64QAM	15.41	14.82	14.53	15.50
		HIGH	64QAM	14.38	14.73	14.40	15.50
	36	LOW	64QAM	15.01	15.00	14.66	15.50
		MID	64QAM	15.20	14.81	14.87	15.50
		HIGH	64QAM	14.70	14.96	14.72	15.50
	75	LOW	64QAM	15.25	14.97	14.81	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	14.94	15.18	14.67	15.50
		MID	QPSK	15.16	15.40	14.77	15.50
		HIGH	QPSK	14.75	15.12	14.56	15.50
	50	LOW	QPSK	15.01	15.13	14.82	15.50
		MID	QPSK	15.04	15.08	14.82	15.50
		HIGH	QPSK	14.99	15.09	14.80	15.50
	100	LOW	QPSK	15.03	15.08	14.87	15.50
20	1	LOW	Q16	15.50	15.24	14.65	15.50
		MID	Q16	15.31	15.09	14.50	15.50
		HIGH	Q16	14.53	14.68	14.39	15.50
	50	LOW	Q16	14.93	15.10	14.72	15.50
		MID	Q16	14.96	15.00	14.72	15.50
		HIGH	Q16	14.90	15.01	14.68	15.50
	100	LOW	Q16	15.03	14.97	14.77	15.50
20	1	LOW	64QAM	15.40	15.23	14.79	15.50
		MID	64QAM	15.46	14.97	14.62	15.50
		HIGH	64QAM	14.40	14.75	14.39	15.50
	50	LOW	64QAM	15.01	15.04	14.63	15.50
		MID	64QAM	15.11	14.96	14.81	15.50
		HIGH	64QAM	14.84	15.08	14.62	15.50
	100	LOW	64QAM	15.17	14.87	14.85	15.50

8.4.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.47	24.56	24.31	24.60
		MID	QPSK	24.50	24.48	24.42	24.60
		HIGH	QPSK	24.38	24.59	24.21	24.60
	12	LOW	QPSK	24.41	24.41	24.57	24.60
		MID	QPSK	24.41	24.48	24.43	24.60
		HIGH	QPSK	24.54	24.45	24.46	24.60
	25	LOW	QPSK	24.49	24.50	23.26	24.60
5	1	LOW	Q16	24.41	24.40	24.55	24.60
		MID	Q16	24.51	24.56	24.54	24.60
		HIGH	Q16	24.30	24.34	23.88	24.60
	12	LOW	Q16	24.45	24.05	24.60	24.60
		MID	Q16	24.36	24.40	24.30	24.60
		HIGH	Q16	24.34	24.11	23.83	24.60
	25	LOW	Q16	24.28	24.15	24.36	24.60
5	1	LOW	64QAM	22.40	22.48	22.38	22.60
		MID	64QAM	22.60	22.50	22.53	22.60
		HIGH	64QAM	22.49	22.38	21.95	22.60
	12	LOW	64QAM	21.47	20.80	21.51	21.60
		MID	64QAM	21.55	21.40	21.30	21.60
		HIGH	64QAM	21.49	21.27	21.08	21.60
	25	LOW	64QAM	21.44	21.03	21.24	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.58	24.58	24.20	24.60
		MID	QPSK	24.50	24.49	24.52	24.60
		HIGH	QPSK	24.15	24.54	24.22	24.60
	25	LOW	QPSK	24.53	24.51	24.45	24.60
		MID	QPSK	24.49	24.50	24.42	24.60
		HIGH	QPSK	24.45	24.42	24.45	24.60
	50	LOW	QPSK	24.58	24.52	23.30	24.60
10	1	LOW	Q16	24.51	24.46	24.52	24.60
		MID	Q16	24.60	24.47	24.44	24.60
		HIGH	Q16	24.37	24.33	23.81	24.60
	25	LOW	Q16	24.54	23.97	24.60	24.60
		MID	Q16	24.55	24.28	24.29	24.60
		HIGH	Q16	24.21	24.11	23.88	24.60
	50	LOW	Q16	24.23	24.29	24.27	24.60
10	1	LOW	64QAM	22.49	22.53	22.55	22.60
		MID	64QAM	22.56	22.38	22.52	22.60
		HIGH	64QAM	22.32	22.33	21.98	22.60
	25	LOW	64QAM	21.24	20.80	21.58	21.60
		MID	64QAM	21.58	21.54	21.13	21.60
		HIGH	64QAM	21.35	21.37	20.98	21.60
	50	LOW	64QAM	21.45	21.14	21.33	21.60

LTE B7-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.55	24.60	24.47	24.60
		MID	QPSK	24.49	24.52	24.48	24.60
		HIGH	QPSK	24.17	24.55	24.24	24.60
	36	LOW	QPSK	24.59	24.51	24.43	24.60
		MID	QPSK	24.47	24.58	24.60	24.60
		HIGH	QPSK	24.55	24.58	24.54	24.60
15	1	LOW	Q16	24.51	24.56	24.41	24.60
		MID	Q16	24.44	24.37	24.45	24.60
		HIGH	Q16	24.29	24.21	23.73	24.60
	36	LOW	Q16	24.27	24.07	24.58	24.60
		MID	Q16	24.28	24.39	24.24	24.60
		HIGH	Q16	24.28	24.26	24.01	24.60
15	1	LOW	Q16	24.20	24.22	24.17	24.60
	36	LOW	64QAM	22.52	22.55	22.43	22.60
		MID	64QAM	22.56	22.51	22.57	22.60
		HIGH	64QAM	22.51	22.14	21.90	22.60
	36	LOW	64QAM	21.29	20.84	21.56	21.60
		MID	64QAM	21.53	21.57	21.21	21.60
15	1	LOW	64QAM	21.25	21.19	20.88	21.60
		MID	64QAM	21.25	21.19	20.88	21.60
		HIGH	64QAM	21.25	21.19	20.88	21.60
	36	LOW	64QAM	21.37	20.99	21.38	21.60
		MID	64QAM	21.37	20.99	21.38	21.60
		HIGH	64QAM	21.37	20.99	21.38	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.47	24.60	24.34	24.60
		MID	QPSK	24.58	24.57	24.53	24.60
		HIGH	QPSK	24.27	24.49	24.20	24.60
	50	LOW	QPSK	24.55	24.54	24.50	24.60
		MID	QPSK	24.53	24.54	24.52	24.60
		HIGH	QPSK	24.55	24.57	24.60	24.60
20	1	LOW	QPSK	24.54	24.58	23.32	24.60
		MID	QPSK	24.54	24.58	23.32	24.60
		HIGH	QPSK	24.54	24.58	23.32	24.60
	50	LOW	Q16	24.56	24.49	24.52	24.60
		MID	Q16	24.59	24.51	24.55	24.60
		HIGH	Q16	24.42	24.19	23.75	24.60
20	1	LOW	Q16	24.39	24.10	24.58	24.60
		MID	Q16	24.42	24.33	24.21	24.60
		HIGH	Q16	24.27	24.23	23.97	24.60
	50	LOW	Q16	24.25	24.16	24.22	24.60
		MID	Q16	24.25	24.16	24.22	24.60
		HIGH	Q16	24.25	24.16	24.22	24.60
20	1	LOW	64QAM	22.44	22.54	22.43	22.60
		MID	64QAM	22.50	22.42	22.60	22.60
		HIGH	64QAM	22.47	22.28	21.84	22.60
	50	LOW	64QAM	21.39	20.95	21.54	21.60
		MID	64QAM	21.57	21.43	21.20	21.60
		HIGH	64QAM	21.35	21.30	20.99	21.60
20	1	LOW	64QAM	21.32	21.14	21.28	21.60
		MID	64QAM	21.32	21.14	21.28	21.60
		HIGH	64QAM	21.32	21.14	21.28	21.60
	50	LOW	64QAM	21.32	21.14	21.28	21.60
		MID	64QAM	21.32	21.14	21.28	21.60
		HIGH	64QAM	21.32	21.14	21.28	21.60

LTE B7-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.54	24.56	24.20	24.60
		MID	QPSK	24.60	24.45	24.48	24.60
		HIGH	QPSK	24.30	24.58	24.11	24.60
	12	LOW	QPSK	23.51	23.33	23.58	23.60
		MID	QPSK	23.44	23.55	23.48	23.60
		HIGH	QPSK	23.54	23.43	23.37	23.60
	25	LOW	QPSK	23.46	23.28	23.35	23.60
5	1	LOW	Q16	23.48	23.04	23.41	23.60
		MID	Q16	23.48	23.32	23.39	23.60
		HIGH	Q16	23.52	23.58	22.37	23.60
	12	LOW	Q16	22.46	22.54	22.46	22.60
		MID	Q16	22.56	22.56	22.54	22.60
		HIGH	Q16	22.48	22.59	22.47	22.60
	25	LOW	Q16	22.41	22.56	22.60	22.60
5	1	LOW	64QAM	22.28	22.18	22.27	22.60
		MID	64QAM	22.44	22.34	22.46	22.60
		HIGH	64QAM	22.48	22.47	21.53	22.60
	12	LOW	64QAM	21.45	21.47	21.46	21.60
		MID	64QAM	21.48	21.52	21.58	21.60
		HIGH	64QAM	21.52	21.46	21.58	21.60
	25	LOW	64QAM	21.46	21.54	21.42	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.38	24.57	24.20	24.60
		MID	QPSK	24.51	24.42	24.60	24.60
		HIGH	QPSK	24.15	24.49	24.14	24.60
	25	LOW	QPSK	23.44	23.49	23.59	23.60
		MID	QPSK	23.54	23.44	23.38	23.60
		HIGH	QPSK	23.56	23.59	23.44	23.60
	50	LOW	QPSK	23.43	23.36	23.18	23.60
10	1	LOW	Q16	23.40	23.15	23.50	23.60
		MID	Q16	23.44	23.30	23.22	23.60
		HIGH	Q16	23.59	23.50	22.48	23.60
	25	LOW	Q16	22.53	22.60	22.51	22.60
		MID	Q16	22.54	22.52	22.41	22.60
		HIGH	Q16	22.58	22.57	22.44	22.60
	50	LOW	Q16	22.52	22.59	22.54	22.60
10	1	LOW	64QAM	22.22	22.11	22.31	22.60
		MID	64QAM	22.60	22.45	22.39	22.60
		HIGH	64QAM	22.40	22.45	21.49	22.60
	25	LOW	64QAM	21.51	21.45	21.55	21.60
		MID	64QAM	21.22	21.49	21.55	21.60
		HIGH	64QAM	21.39	21.44	21.41	21.60
	50	LOW	64QAM	21.50	21.53	21.44	21.60

LTE B7-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.60	24.60	24.39	24.60
		MID	QPSK	24.52	24.51	24.52	24.60
		HIGH	QPSK	24.19	24.45	24.30	24.60
	36	LOW	QPSK	23.54	23.57	23.49	23.60
		MID	QPSK	23.50	23.40	23.56	23.60
		HIGH	QPSK	23.51	23.51	23.43	23.60
	75	LOW	QPSK	23.20	23.41	23.45	23.60
15	1	LOW	Q16	23.50	23.19	23.27	23.60
		MID	Q16	23.58	23.40	23.39	23.60
		HIGH	Q16	23.49	23.42	22.50	23.60
	36	LOW	Q16	22.60	22.57	22.55	22.60
		MID	Q16	22.47	22.38	22.54	22.60
		HIGH	Q16	22.60	22.59	22.42	22.60
	75	LOW	Q16	22.50	22.41	22.51	22.60
15	1	LOW	64QAM	22.47	22.16	22.27	22.60
		MID	64QAM	22.56	22.41	22.31	22.60
		HIGH	64QAM	22.39	22.42	21.68	22.60
	36	LOW	64QAM	21.43	21.59	21.44	21.60
		MID	64QAM	21.40	21.57	21.56	21.60
		HIGH	64QAM	21.44	21.45	21.40	21.60
	75	LOW	64QAM	21.37	21.53	21.39	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.47	24.60	24.34	24.60
		MID	QPSK	24.58	24.57	24.53	24.60
		HIGH	QPSK	24.27	24.49	24.20	24.60
	50	LOW	QPSK	23.38	23.44	23.30	23.60
		MID	QPSK	23.33	23.34	23.42	23.60
		HIGH	QPSK	23.35	23.37	23.35	23.60
	100	LOW	QPSK	23.34	23.38	23.32	23.60
20	1	LOW	Q16	23.36	23.19	23.42	23.60
		MID	Q16	23.59	23.41	23.35	23.60
		HIGH	Q16	23.58	23.57	22.45	23.60
	50	LOW	Q16	22.59	22.60	22.58	22.60
		MID	Q16	22.52	22.53	22.51	22.60
		HIGH	Q16	22.57	22.53	22.57	22.60
	100	LOW	Q16	22.55	22.56	22.58	22.60
20	1	LOW	64QAM	22.33	22.06	22.37	22.60
		MID	64QAM	22.57	22.46	22.37	22.60
		HIGH	64QAM	22.53	22.55	21.54	22.60
	50	LOW	64QAM	21.53	21.54	21.58	21.60
		MID	64QAM	21.37	21.53	21.49	21.60
		HIGH	64QAM	21.47	21.56	21.52	21.60
	100	LOW	64QAM	21.49	21.55	21.48	21.60

LTE B7-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.09	21.76	21.59	22.10
		MID	QPSK	21.96	21.90	22.10	22.10
		HIGH	QPSK	22.04	21.73	21.59	22.10
	12	LOW	QPSK	21.87	22.02	21.69	22.10
		MID	QPSK	21.94	22.03	21.79	22.10
		HIGH	QPSK	21.95	22.00	21.66	22.10
	25	LOW	QPSK	21.99	21.99	21.67	22.10
5	1	LOW	Q16	21.85	21.81	21.96	22.10
		MID	Q16	21.96	22.05	21.91	22.10
		HIGH	Q16	21.57	21.61	21.26	22.10
	12	LOW	Q16	21.93	21.94	22.01	22.10
		MID	Q16	21.95	21.77	21.80	22.10
		HIGH	Q16	21.92	21.87	21.70	22.10
	25	LOW	Q16	21.94	21.91	21.82	22.10
5	1	LOW	64QAM	21.83	21.64	21.93	22.10
		MID	64QAM	21.97	21.83	22.10	22.10
		HIGH	64QAM	21.67	21.72	21.36	22.10
	12	LOW	64QAM	21.55	21.18	21.12	21.60
		MID	64QAM	21.60	21.25	21.31	21.60
		HIGH	64QAM	21.44	21.40	21.20	21.60
	25	LOW	64QAM	21.43	21.38	21.29	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.07	21.82	21.44	22.10
		MID	QPSK	21.91	21.89	22.07	22.10
		HIGH	QPSK	21.78	21.49	21.58	22.10
	25	LOW	QPSK	22.03	21.94	21.80	22.10
		MID	QPSK	21.95	22.00	21.96	22.10
		HIGH	QPSK	21.93	21.89	21.80	22.10
	50	LOW	QPSK	22.08	21.99	21.83	22.10
10	1	LOW	Q16	21.86	21.52	22.10	22.10
		MID	Q16	22.02	21.90	22.10	22.10
		HIGH	Q16	21.51	21.32	21.32	22.10
	25	LOW	Q16	21.92	21.95	22.00	22.10
		MID	Q16	22.06	21.99	21.81	22.10
		HIGH	Q16	21.84	21.87	21.60	22.10
	50	LOW	Q16	22.10	22.05	21.67	22.10
10	1	LOW	64QAM	21.70	21.81	22.03	22.10
		MID	64QAM	21.91	22.03	21.83	22.10
		HIGH	64QAM	21.46	21.55	21.14	22.10
	25	LOW	64QAM	21.47	21.43	21.29	21.60
		MID	64QAM	21.39	21.38	21.38	21.60
		HIGH	64QAM	21.36	21.59	21.14	21.60
	50	LOW	64QAM	21.41	21.51	21.30	21.60

LTE B7-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.03	21.76	21.46	22.10
		MID	QPSK	21.92	22.01	22.05	22.10
		HIGH	QPSK	21.88	21.47	21.36	22.10
	36	LOW	QPSK	22.08	21.96	21.76	22.10
		MID	QPSK	22.02	21.91	21.70	22.10
		HIGH	QPSK	21.91	22.04	21.55	22.10
	75	LOW	QPSK	22.03	21.93	21.68	22.10
15	1	LOW	Q16	21.76	21.69	21.97	22.10
		MID	Q16	21.86	22.02	21.97	22.10
		HIGH	Q16	21.59	21.36	21.44	22.10
	36	LOW	Q16	22.03	22.01	21.95	22.10
		MID	Q16	22.06	21.96	21.88	22.10
		HIGH	Q16	21.96	21.80	21.66	22.10
	75	LOW	Q16	21.99	21.85	21.69	22.10
15	1	LOW	64QAM	21.69	21.76	22.08	22.10
		MID	64QAM	21.95	21.99	22.05	22.10
		HIGH	64QAM	21.64	21.47	21.24	22.10
	36	LOW	64QAM	21.49	21.46	21.21	21.60
		MID	64QAM	21.54	21.20	21.37	21.60
		HIGH	64QAM	21.34	21.45	21.01	21.60
	75	LOW	64QAM	21.56	21.40	21.43	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.09	21.84	21.48	22.10
		MID	QPSK	22.06	22.03	22.06	22.10
		HIGH	QPSK	21.92	21.59	21.48	22.10
	50	LOW	QPSK	22.02	22.02	21.79	22.10
		MID	QPSK	22.02	22.03	21.82	22.10
		HIGH	QPSK	22.01	22.03	21.68	22.10
	100	LOW	QPSK	22.06	22.05	21.82	22.10
20	1	LOW	Q16	21.79	21.66	22.09	22.10
		MID	Q16	21.93	21.99	22.06	22.10
		HIGH	Q16	21.64	21.46	21.32	22.10
	50	LOW	Q16	22.01	21.93	21.86	22.10
		MID	Q16	22.09	21.89	21.86	22.10
		HIGH	Q16	21.84	21.88	21.68	22.10
	100	LOW	Q16	22.01	21.92	21.82	22.10
20	1	LOW	64QAM	21.83	21.74	22.05	22.10
		MID	64QAM	22.04	21.96	21.96	22.10
		HIGH	64QAM	21.56	21.60	21.21	22.10
	50	LOW	64QAM	21.42	21.33	21.24	21.60
		MID	64QAM	21.53	21.24	21.42	21.60
		HIGH	64QAM	21.45	21.53	21.14	21.60
	100	LOW	64QAM	21.54	21.47	21.36	21.60

LTE B7-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.50	20.53	20.16	20.60
		MID	QPSK	20.60	20.59	20.57	20.60
		HIGH	QPSK	20.43	20.15	20.05	20.60
	12	LOW	QPSK	20.50	20.51	20.20	20.60
		MID	QPSK	20.52	20.57	20.42	20.60
		HIGH	QPSK	20.55	20.47	20.29	20.60
	25	LOW	QPSK	20.52	20.57	20.23	20.60
5	1	LOW	Q16	20.47	20.30	20.44	20.60
		MID	Q16	20.56	20.38	20.48	20.60
		HIGH	Q16	19.73	19.92	19.92	20.60
	12	LOW	Q16	20.58	20.57	20.56	20.60
		MID	Q16	20.56	20.35	20.56	20.60
		HIGH	Q16	20.48	20.32	20.39	20.60
	25	LOW	Q16	20.60	20.53	20.38	20.60
5	1	LOW	64QAM	20.46	20.26	20.50	20.60
		MID	64QAM	20.53	20.35	20.35	20.60
		HIGH	64QAM	19.80	19.96	19.86	20.60
	12	LOW	64QAM	20.32	20.59	20.39	20.60
		MID	64QAM	20.40	20.45	20.47	20.60
		HIGH	64QAM	20.54	20.35	20.30	20.60
	25	LOW	64QAM	20.34	20.30	20.41	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.49	20.47	20.02	20.60
		MID	QPSK	20.48	20.46	20.43	20.60
		HIGH	QPSK	20.44	20.19	19.98	20.60
	25	LOW	QPSK	20.46	20.52	20.20	20.60
		MID	QPSK	20.58	20.58	20.44	20.60
		HIGH	QPSK	20.45	20.47	20.30	20.60
	50	LOW	QPSK	20.47	20.44	20.44	20.60
10	1	LOW	Q16	20.52	20.40	20.54	20.60
		MID	Q16	20.39	20.52	20.48	20.60
		HIGH	Q16	19.69	19.92	19.96	20.60
	25	LOW	Q16	20.50	20.46	20.56	20.60
		MID	Q16	20.46	20.41	20.47	20.60
		HIGH	Q16	20.46	20.32	20.35	20.60
	50	LOW	Q16	20.59	20.50	20.45	20.60
10	1	LOW	64QAM	20.52	20.29	20.49	20.60
		MID	64QAM	20.56	20.32	20.49	20.60
		HIGH	64QAM	19.62	19.75	19.73	20.60
	25	LOW	64QAM	20.55	20.43	20.55	20.60
		MID	64QAM	20.40	20.44	20.53	20.60
		HIGH	64QAM	20.37	20.28	20.20	20.60
	50	LOW	64QAM	20.53	20.54	20.58	20.60

LTE B7-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.48	20.34	20.03	20.60
		MID	QPSK	20.50	20.52	20.48	20.60
		HIGH	QPSK	20.40	20.25	20.03	20.60
	36	LOW	QPSK	20.55	20.56	20.23	20.60
		MID	QPSK	20.55	20.53	20.34	20.60
		HIGH	QPSK	20.60	20.56	20.35	20.60
	75	LOW	QPSK	20.48	20.51	20.27	20.60
15	1	LOW	Q16	20.48	20.43	20.53	20.60
		MID	Q16	20.53	20.60	20.42	20.60
		HIGH	Q16	19.54	19.99	19.91	20.60
	36	LOW	Q16	20.50	20.48	20.51	20.60
		MID	Q16	20.51	20.47	20.59	20.60
		HIGH	Q16	20.49	20.34	20.31	20.60
	75	LOW	Q16	20.44	20.47	20.42	20.60
15	1	LOW	64QAM	20.42	20.31	20.52	20.60
		MID	64QAM	20.42	20.27	20.36	20.60
		HIGH	64QAM	19.55	19.79	19.81	20.60
	36	LOW	64QAM	20.44	20.45	20.55	20.60
		MID	64QAM	20.56	20.47	20.41	20.60
		HIGH	64QAM	20.59	20.40	20.44	20.60
	75	LOW	64QAM	20.56	20.44	20.44	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.36	20.45	20.04	20.60
		MID	QPSK	20.35	20.38	20.35	20.60
		HIGH	QPSK	20.33	20.23	20.07	20.60
	50	LOW	QPSK	20.55	20.57	20.33	20.60
		MID	QPSK	20.55	20.56	20.41	20.60
		HIGH	QPSK	20.57	20.56	20.26	20.60
	100	LOW	QPSK	20.57	20.59	20.36	20.60
20	1	LOW	Q16	20.55	20.32	20.52	20.60
		MID	Q16	20.54	20.46	20.56	20.60
		HIGH	Q16	19.65	19.89	19.81	20.60
	50	LOW	Q16	20.59	20.55	20.57	20.60
		MID	Q16	20.55	20.48	20.52	20.60
		HIGH	Q16	20.56	20.46	20.32	20.60
	100	LOW	Q16	20.59	20.51	20.39	20.60
20	1	LOW	64QAM	20.53	20.35	20.52	20.60
		MID	64QAM	20.50	20.38	20.41	20.60
		HIGH	64QAM	19.65	19.85	19.84	20.60
	50	LOW	64QAM	20.47	20.53	20.51	20.60
		MID	64QAM	20.55	20.33	20.53	20.60
		HIGH	64QAM	20.48	20.33	20.35	20.60
	100	LOW	64QAM	20.45	20.43	20.52	20.60

8.4.5 LTE Band13 Output Power

LTE B13-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.40	24.26	24.38	24.40
		MID	QPSK	24.27	24.29	24.31	24.40
		HIGH	QPSK	24.29	24.19	24.39	24.40
	12	LOW	QPSK	23.34	23.14	23.34	23.40
		MID	QPSK	23.40	23.37	23.39	23.40
		HIGH	QPSK	23.23	23.25	23.23	23.40
25	LOW	QPSK	23.39	23.29	23.38	23.40	
5	1	LOW	Q16	23.36	23.25	23.11	23.40
		MID	Q16	23.22	23.13	23.15	23.40
		HIGH	Q16	23.26	23.35	23.34	23.40
	12	LOW	Q16	22.32	22.33	22.18	22.40
		MID	Q16	22.27	22.25	22.30	22.40
		HIGH	Q16	22.17	22.37	22.26	22.40
25	LOW	Q16	22.29	22.22	22.26	22.40	
5	1	LOW	64QAM	22.26	22.20	22.06	22.40
		MID	64QAM	22.08	22.30	22.05	22.40
		HIGH	64QAM	22.10	22.14	22.16	22.40
	12	LOW	64QAM	21.07	21.21	21.17	21.40
		MID	64QAM	21.26	21.36	21.33	21.40
		HIGH	64QAM	21.16	21.40	21.16	21.40
25	LOW	64QAM	21.22	21.20	21.26	21.40	
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	24.36	/	24.40
		MID	QPSK	/	24.32	/	24.40
		HIGH	QPSK	/	24.32	/	24.40
	25	LOW	QPSK	/	23.22	/	23.40
		MID	QPSK	/	23.15	/	23.40
		HIGH	QPSK	/	23.17	/	23.40
50	LOW	QPSK	/	23.39	/	23.40	
10	1	LOW	Q16	/	23.24	/	23.40
		MID	Q16	/	23.28	/	23.40
		HIGH	Q16	/	23.34	/	23.40
	25	LOW	Q16	/	22.27	/	22.40
		MID	Q16	/	22.38	/	22.40
		HIGH	Q16	/	22.32	/	22.40
50	LOW	Q16	/	22.37	/	22.40	
10	1	LOW	64QAM	/	22.19	/	22.40
		MID	64QAM	/	22.17	/	22.40
		HIGH	64QAM	/	22.25	/	22.40
	25	LOW	64QAM	/	21.12	/	21.40
		MID	64QAM	/	21.38	/	21.40
		HIGH	64QAM	/	21.27	/	21.40
50	LOW	64QAM	/	21.35	/	21.40	

8.4 LTE Band13 Output Power

LTE B13-State2&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.40	24.26	24.38	24.40
		MID	QPSK	24.27	24.29	24.31	24.40
		HIGH	QPSK	24.29	24.19	24.39	24.40
	12	LOW	QPSK	23.34	23.14	23.34	23.40
		MID	QPSK	23.40	23.37	23.39	23.40
		HIGH	QPSK	23.23	23.25	23.23	23.40
5	1	LOW	Q16	23.36	23.25	23.11	23.40
		MID	Q16	23.22	23.13	23.15	23.40
		HIGH	Q16	23.26	23.35	23.34	23.40
	12	LOW	Q16	22.32	22.33	22.18	22.40
		MID	Q16	22.27	22.25	22.30	22.40
		HIGH	Q16	22.17	22.37	22.26	22.40
5	1	LOW	Q16	22.29	22.22	22.26	22.40
	12	LOW	64QAM	22.26	22.20	22.06	22.40
		MID	64QAM	22.08	22.30	22.05	22.40
		HIGH	64QAM	22.10	22.14	22.16	22.40
	12	LOW	64QAM	21.07	21.21	21.17	21.40
		MID	64QAM	21.26	21.36	21.33	21.40
5	1	LOW	64QAM	21.16	21.40	21.16	21.40
		MID	64QAM	21.22	21.20	21.26	21.40
		HIGH	64QAM	21.22	21.20	21.26	21.40
	12	LOW	64QAM	21.22	21.20	21.26	21.40
		MID	64QAM	21.22	21.20	21.26	21.40
		HIGH	64QAM	21.22	21.20	21.26	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	24.36	/	24.40
		MID	QPSK	/	24.32	/	24.40
		HIGH	QPSK	/	24.32	/	24.40
	25	LOW	QPSK	/	23.22	/	23.40
		MID	QPSK	/	23.15	/	23.40
		HIGH	QPSK	/	23.17	/	23.40
10	1	LOW	QPSK	/	23.39	/	23.40
		MID	QPSK	/	23.39	/	23.40
		HIGH	QPSK	/	23.39	/	23.40
	25	LOW	Q16	/	23.24	/	23.40
		MID	Q16	/	23.28	/	23.40
		HIGH	Q16	/	23.34	/	23.40
10	1	LOW	Q16	/	22.27	/	22.40
		MID	Q16	/	22.38	/	22.40
		HIGH	Q16	/	22.32	/	22.40
	25	LOW	Q16	/	22.37	/	22.40
		MID	Q16	/	22.37	/	22.40
		HIGH	Q16	/	22.37	/	22.40
10	1	LOW	64QAM	/	22.19	/	22.40
		MID	64QAM	/	22.17	/	22.40
		HIGH	64QAM	/	22.25	/	22.40
	25	LOW	64QAM	/	21.12	/	21.40
		MID	64QAM	/	21.38	/	21.40
		HIGH	64QAM	/	21.27	/	21.40
10	1	LOW	64QAM	/	21.35	/	21.40
		MID	64QAM	/	21.35	/	21.40
		HIGH	64QAM	/	21.35	/	21.40
	25	LOW	64QAM	/	21.35	/	21.40
		MID	64QAM	/	21.35	/	21.40
		HIGH	64QAM	/	21.35	/	21.40

LTE B13-State1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	23.81	23.88	23.76	23.90
		MID	QPSK	23.87	23.79	23.88	23.90
		HIGH	QPSK	23.82	23.87	23.67	23.90
	12	LOW	QPSK	23.29	23.35	23.26	23.40
		MID	QPSK	23.39	23.21	23.33	23.40
		HIGH	QPSK	23.19	23.37	23.18	23.40
	25	LOW	QPSK	23.28	23.30	23.28	23.40
5	1	LOW	Q16	23.34	23.27	23.34	23.40
		MID	Q16	23.36	23.34	23.25	23.40
		HIGH	Q16	23.29	23.20	23.14	23.40
	12	LOW	Q16	22.21	22.31	22.40	22.40
		MID	Q16	22.34	22.28	22.34	22.40
		HIGH	Q16	22.40	22.31	22.38	22.40
	25	LOW	Q16	22.22	22.17	22.36	22.40
5	1	LOW	64QAM	22.20	22.33	22.18	22.40
		MID	64QAM	22.36	22.30	22.25	22.40
		HIGH	64QAM	22.20	22.14	22.13	22.40
	12	LOW	64QAM	21.08	21.03	21.06	21.40
		MID	64QAM	21.18	21.19	21.28	21.40
		HIGH	64QAM	21.21	21.18	21.10	21.40
	25	LOW	64QAM	21.30	21.22	21.33	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	23.85	/	23.90
		MID	QPSK	/	23.80	/	23.90
		HIGH	QPSK	/	23.80	/	23.90
	25	LOW	QPSK	/	23.35	/	23.40
		MID	QPSK	/	23.31	/	23.40
		HIGH	QPSK	/	23.32	/	23.40
	50	LOW	QPSK	/	23.39	/	23.40
10	1	LOW	Q16	/	23.34	/	23.40
		MID	Q16	/	23.37	/	23.40
		HIGH	Q16	/	23.19	/	23.40
	25	LOW	Q16	/	22.31	/	22.40
		MID	Q16	/	22.37	/	22.40
		HIGH	Q16	/	22.33	/	22.40
	50	LOW	Q16	/	22.31	/	22.40
10	1	LOW	64QAM	/	22.29	/	22.40
		MID	64QAM	/	22.39	/	22.40
		HIGH	64QAM	/	22.14	/	22.40
	25	LOW	64QAM	/	21.18	/	21.40
		MID	64QAM	/	21.28	/	21.40
		HIGH	64QAM	/	21.19	/	21.40
	50	LOW	64QAM	/	21.37	/	21.40

LTE B13-State3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	22.29	22.27	22.25	22.40
		MID	QPSK	22.28	22.21	22.39	22.40
		HIGH	QPSK	22.35	22.25	22.30	22.40
	12	LOW	QPSK	22.33	22.33	22.38	22.40
		MID	QPSK	22.38	22.39	22.25	22.40
		HIGH	QPSK	22.21	22.21	22.23	22.40
	25	LOW	QPSK	22.31	22.40	22.30	22.40
5	1	LOW	Q16	22.23	22.28	22.20	22.40
		MID	Q16	22.36	22.35	22.31	22.40
		HIGH	Q16	22.38	22.25	22.35	22.40
	12	LOW	Q16	22.30	22.20	22.29	22.40
		MID	Q16	22.27	22.39	22.28	22.40
		HIGH	Q16	22.20	22.31	22.31	22.40
	25	LOW	Q16	22.29	22.28	22.37	22.40
5	1	LOW	64QAM	22.09	22.12	22.22	22.40
		MID	64QAM	22.12	22.35	22.18	22.40
		HIGH	64QAM	22.31	22.19	22.24	22.40
	12	LOW	64QAM	21.16	21.15	21.31	21.40
		MID	64QAM	21.23	21.37	21.36	21.40
		HIGH	64QAM	21.25	21.33	21.29	21.40
	25	LOW	64QAM	21.22	21.26	21.26	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	22.31	/	22.40
		MID	QPSK	/	22.30	/	22.40
		HIGH	QPSK	/	22.29	/	22.40
	25	LOW	QPSK	/	22.24	/	22.40
		MID	QPSK	/	22.31	/	22.40
		HIGH	QPSK	/	22.26	/	22.40
	50	LOW	QPSK	/	22.34	/	22.40
10	1	LOW	Q16	/	22.31	/	22.40
		MID	Q16	/	22.33	/	22.40
		HIGH	Q16	/	22.31	/	22.40
	25	LOW	Q16	/	22.35	/	22.40
		MID	Q16	/	22.39	/	22.40
		HIGH	Q16	/	22.31	/	22.40
	50	LOW	Q16	/	22.38	/	22.40
10	1	LOW	64QAM	/	22.18	/	22.40
		MID	64QAM	/	22.27	/	22.40
		HIGH	64QAM	/	22.34	/	22.40
	25	LOW	64QAM	/	21.29	/	21.40
		MID	64QAM	/	21.25	/	21.40
		HIGH	64QAM	/	21.30	/	21.40
	50	LOW	64QAM	/	21.35	/	21.40

8.4.5 LTE Band13 Output Power

LTE B13-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.63	24.50	24.41	25.00
		MID	QPSK	24.49	24.35	24.38	25.00
		HIGH	QPSK	24.37	24.52	24.44	25.00
	12	LOW	QPSK	23.77	23.83	23.74	24.00
		MID	QPSK	23.61	23.67	23.63	24.00
		HIGH	QPSK	23.42	23.34	23.40	24.00
25	LOW	QPSK	23.78	23.54	23.54	24.00	
5	1	LOW	Q16	23.64	23.47	23.49	24.00
		MID	Q16	23.80	23.94	23.74	24.00
		HIGH	Q16	23.55	23.45	23.54	24.00
	12	LOW	Q16	22.74	22.60	22.84	23.00
		MID	Q16	22.73	22.62	22.46	23.00
		HIGH	Q16	22.38	22.60	22.34	23.00
25	LOW	Q16	22.72	22.82	22.79	23.00	
5	1	LOW	64QAM	22.53	22.33	22.52	23.00
		MID	64QAM	22.64	22.74	22.82	23.00
		HIGH	64QAM	22.36	22.40	22.55	23.00
	12	LOW	64QAM	21.74	21.78	21.76	22.00
		MID	64QAM	21.72	21.77	21.70	22.00
		HIGH	64QAM	21.40	21.38	21.46	22.00
25	LOW	64QAM	21.83	21.92	21.82	22.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	24.52	/	25.00
		MID	QPSK	/	24.50	/	25.00
		HIGH	QPSK	/	24.42	/	25.00
	25	LOW	QPSK	/	23.73	/	24.00
		MID	QPSK	/	23.57	/	24.00
		HIGH	QPSK	/	23.48	/	24.00
50	LOW	QPSK	/	23.67	/	24.00	
10	1	LOW	Q16	/	23.60	/	24.00
		MID	Q16	/	23.87	/	24.00
		HIGH	Q16	/	23.53	/	24.00
	25	LOW	Q16	/	22.74	/	23.00
		MID	Q16	/	22.58	/	23.00
		HIGH	Q16	/	22.47	/	23.00
50	LOW	Q16	/	22.72	/	23.00	
10	1	LOW	64QAM	/	22.46	/	23.00
		MID	64QAM	/	22.78	/	23.00
		HIGH	64QAM	/	22.42	/	23.00
	25	LOW	64QAM	/	21.89	/	22.00
		MID	64QAM	/	21.65	/	22.00
		HIGH	64QAM	/	21.45	/	22.00
50	LOW	64QAM	/	21.86	/	22.00	

LTE B13-State1&2&3&4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.63	24.50	24.41	25.00
		MID	QPSK	24.49	24.35	24.38	25.00
		HIGH	QPSK	24.37	24.52	24.44	25.00
	12	LOW	QPSK	23.77	23.83	23.74	24.00
		MID	QPSK	23.61	23.67	23.63	24.00
		HIGH	QPSK	23.42	23.34	23.40	24.00
25	LOW	QPSK	23.78	23.54	23.54	24.00	
5	1	LOW	Q16	23.64	23.47	23.49	24.00
		MID	Q16	23.80	23.94	23.74	24.00
		HIGH	Q16	23.55	23.45	23.54	24.00
	12	LOW	Q16	22.74	22.60	22.84	23.00
		MID	Q16	22.73	22.62	22.46	23.00
		HIGH	Q16	22.38	22.60	22.34	23.00
25	LOW	Q16	22.72	22.82	22.79	23.00	
5	1	LOW	64QAM	22.53	22.33	22.52	23.00
		MID	64QAM	22.64	22.74	22.82	23.00
		HIGH	64QAM	22.36	22.40	22.55	23.00
	12	LOW	64QAM	21.74	21.78	21.76	22.00
		MID	64QAM	21.72	21.77	21.70	22.00
		HIGH	64QAM	21.40	21.38	21.46	22.00
25	LOW	64QAM	21.83	21.92	21.82	22.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23230	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	24.52	/	25.00
		MID	QPSK	/	24.50	/	25.00
		HIGH	QPSK	/	24.42	/	25.00
	25	LOW	QPSK	/	23.73	/	24.00
		MID	QPSK	/	23.57	/	24.00
		HIGH	QPSK	/	23.48	/	24.00
50	LOW	QPSK	/	23.67	/	24.00	
10	1	LOW	Q16	/	23.60	/	24.00
		MID	Q16	/	23.87	/	24.00
		HIGH	Q16	/	23.53	/	24.00
	25	LOW	Q16	/	22.74	/	23.00
		MID	Q16	/	22.58	/	23.00
		HIGH	Q16	/	22.47	/	23.00
50	LOW	Q16	/	22.72	/	23.00	
10	1	LOW	64QAM	/	22.46	/	23.00
		MID	64QAM	/	22.78	/	23.00
		HIGH	64QAM	/	22.42	/	23.00
	25	LOW	64QAM	/	21.89	/	22.00
		MID	64QAM	/	21.65	/	22.00
		HIGH	64QAM	/	21.45	/	22.00
50	LOW	64QAM	/	21.86	/	22.00	

8.4.6 LTE Band18 Output Power

LTE B18-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23875	23925	23975	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.94	23.96	24.40
		MID	QPSK	24.05	24.02	24.00	24.40
		HIGH	QPSK	23.80	23.69	23.70	24.40
	12	LOW	QPSK	23.12	23.12	22.96	23.40
		MID	QPSK	23.11	23.17	23.19	23.40
		HIGH	QPSK	22.95	23.02	22.84	23.40
	25	LOW	QPSK	22.84	23.13	23.13	23.40
5	1	LOW	Q16	22.85	23.01	22.82	23.40
		MID	Q16	23.38	23.11	23.16	23.40
		HIGH	Q16	22.89	23.00	22.94	23.40
	12	LOW	Q16	21.93	21.98	22.11	22.40
		MID	Q16	22.01	21.76	21.73	22.40
		HIGH	Q16	21.82	21.92	21.75	22.40
	25	LOW	Q16	21.78	21.84	21.96	22.40
5	1	LOW	64QAM	22.02	21.85	22.05	22.40
		MID	64QAM	22.29	22.20	22.26	22.40
		HIGH	64QAM	22.04	21.97	22.18	22.40
	12	LOW	64QAM	20.89	20.95	20.98	21.40
		MID	64QAM	21.05	21.03	20.96	21.40
		HIGH	64QAM	20.94	20.83	20.87	21.40
	25	LOW	64QAM	20.92	20.79	20.80	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	23900	23925	23950	Tune-up power(dBm)
10	1	LOW	QPSK	24.13	24.15	24.03	24.40
		MID	QPSK	24.00	24.10	23.90	24.40
		HIGH	QPSK	23.56	23.66	23.85	24.40
	25	LOW	QPSK	23.16	23.17	23.19	23.40
		MID	QPSK	23.01	23.14	22.89	23.40
		HIGH	QPSK	22.91	22.88	23.10	23.40
	50	LOW	QPSK	22.92	23.05	22.95	23.40
10	1	LOW	Q16	23.02	22.99	22.83	23.40
		MID	Q16	23.35	23.14	23.30	23.40
		HIGH	Q16	22.92	22.99	22.90	23.40
	25	LOW	Q16	21.98	21.82	22.04	22.40
		MID	Q16	21.93	21.76	21.97	22.40
		HIGH	Q16	21.85	21.77	21.98	22.40
	50	LOW	Q16	21.85	21.94	21.93	22.40
10	1	LOW	64QAM	22.05	21.96	21.93	22.40
		MID	64QAM	22.29	22.36	22.21	22.40
		HIGH	64QAM	22.14	22.01	22.14	22.40
	25	LOW	64QAM	20.93	20.91	20.93	21.40
		MID	64QAM	20.87	20.95	20.85	21.40
		HIGH	64QAM	20.68	20.87	20.95	21.40
	50	LOW	64QAM	20.78	20.85	20.88	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23925	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	24.08	/	24.40
		MID	QPSK	/	24.05	/	24.40
		HIGH	QPSK	/	23.70	/	24.40
	36	LOW	QPSK	/	23.10	/	23.40
		MID	QPSK	/	23.04	/	23.40
		HIGH	QPSK	/	22.98	/	23.40
	75	LOW	QPSK	/	22.99	/	23.40
15	1	LOW	Q16	/	22.96	/	23.40
		MID	Q16	/	23.26	/	23.40
		HIGH	Q16	/	22.91	/	23.40
	36	LOW	Q16	/	21.97	/	22.40
		MID	Q16	/	21.87	/	22.40
		HIGH	Q16	/	21.85	/	22.40
	75	LOW	Q16	/	21.93	/	22.40
15	1	LOW	64QAM	/	21.98	/	22.40
		MID	64QAM	/	22.35	/	22.40
		HIGH	64QAM	/	22.03	/	22.40
	36	LOW	64QAM	/	21.03	/	21.40
		MID	64QAM	/	20.93	/	21.40
		HIGH	64QAM	/	20.82	/	21.40
	75	LOW	64QAM	/	20.88	/	21.40

LTE B18-State1&2&3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23875	23925	23975	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.94	23.96	24.40
		MID	QPSK	24.05	24.02	24.00	24.40
		HIGH	QPSK	23.80	23.69	23.70	24.40
	12	LOW	QPSK	23.12	23.12	22.96	23.40
		MID	QPSK	23.11	23.17	23.19	23.40
		HIGH	QPSK	22.95	23.02	22.84	23.40
	25	LOW	QPSK	22.84	23.13	23.13	23.40
5	1	LOW	Q16	22.85	23.01	22.82	23.40
		MID	Q16	23.38	23.11	23.16	23.40
		HIGH	Q16	22.89	23.00	22.94	23.40
	12	LOW	Q16	21.93	21.98	22.11	22.40
		MID	Q16	22.01	21.76	21.73	22.40
		HIGH	Q16	21.82	21.92	21.75	22.40
	25	LOW	Q16	21.78	21.84	21.96	22.40
5	1	LOW	64QAM	22.02	21.85	22.05	22.40
		MID	64QAM	22.29	22.20	22.26	22.40
		HIGH	64QAM	22.04	21.97	22.18	22.40
	12	LOW	64QAM	20.89	20.95	20.98	21.40
		MID	64QAM	21.05	21.03	20.96	21.40
		HIGH	64QAM	20.94	20.83	20.87	21.40
	25	LOW	64QAM	20.92	20.79	20.80	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	23900	23925	23950	Tune-up power(dBm)
10	1	LOW	QPSK	24.13	24.15	24.03	24.40
		MID	QPSK	24.00	24.10	23.90	24.40
		HIGH	QPSK	23.56	23.66	23.85	24.40
	25	LOW	QPSK	23.16	23.17	23.19	23.40
		MID	QPSK	23.01	23.14	22.89	23.40
		HIGH	QPSK	22.91	22.88	23.10	23.40
	50	LOW	QPSK	22.92	23.05	22.95	23.40
10	1	LOW	Q16	23.02	22.99	22.83	23.40
		MID	Q16	23.35	23.14	23.30	23.40
		HIGH	Q16	22.92	22.99	22.90	23.40
	25	LOW	Q16	21.98	21.82	22.04	22.40
		MID	Q16	21.93	21.76	21.97	22.40
		HIGH	Q16	21.85	21.77	21.98	22.40
	50	LOW	Q16	21.85	21.94	21.93	22.40
10	1	LOW	64QAM	22.05	21.96	21.93	22.40
		MID	64QAM	22.29	22.36	22.21	22.40
		HIGH	64QAM	22.14	22.01	22.14	22.40
	25	LOW	64QAM	20.93	20.91	20.93	21.40
		MID	64QAM	20.87	20.95	20.85	21.40
		HIGH	64QAM	20.68	20.87	20.95	21.40
	50	LOW	64QAM	20.78	20.85	20.88	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23925	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	24.08	/	24.40
		MID	QPSK	/	24.05	/	24.40
		HIGH	QPSK	/	23.70	/	24.40
	36	LOW	QPSK	/	23.10	/	23.40
		MID	QPSK	/	23.04	/	23.40
		HIGH	QPSK	/	22.98	/	23.40
	75	LOW	QPSK	/	22.99	/	23.40
15	1	LOW	Q16	/	22.96	/	23.40
		MID	Q16	/	23.26	/	23.40
		HIGH	Q16	/	22.91	/	23.40
	36	LOW	Q16	/	21.97	/	22.40
		MID	Q16	/	21.87	/	22.40
		HIGH	Q16	/	21.85	/	22.40
	75	LOW	Q16	/	21.93	/	22.40
15	1	LOW	64QAM	/	21.98	/	22.40
		MID	64QAM	/	22.35	/	22.40
		HIGH	64QAM	/	22.03	/	22.40
	36	LOW	64QAM	/	21.03	/	21.40
		MID	64QAM	/	20.93	/	21.40
		HIGH	64QAM	/	20.82	/	21.40
	75	LOW	64QAM	/	20.88	/	21.40

8.4.6 LTE Band18 Output Power

LTE B18-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23875	23925	23975	Tune-up power(dBm)
5	1	LOW	QPSK	24.72	24.56	24.61	25.00
		MID	QPSK	24.48	24.69	24.56	25.00
		HIGH	QPSK	24.35	24.30	24.20	25.00
	12	LOW	QPSK	23.24	23.27	23.37	24.00
		MID	QPSK	23.43	23.49	23.48	24.00
		HIGH	QPSK	23.21	23.20	23.27	24.00
	25	LOW	QPSK	23.20	23.10	23.09	24.00
5	1	LOW	Q16	23.43	23.50	23.63	24.00
		MID	Q16	23.96	23.97	23.92	24.00
		HIGH	Q16	22.98	22.99	23.03	24.00
	12	LOW	Q16	22.42	22.23	22.28	23.00
		MID	Q16	22.23	22.24	22.50	23.00
		HIGH	Q16	22.32	22.12	22.29	23.00
	25	LOW	Q16	22.20	22.29	22.08	23.00
5	1	LOW	64QAM	22.77	22.54	22.66	23.00
		MID	64QAM	22.75	22.96	22.98	23.00
		HIGH	64QAM	22.21	21.97	22.05	23.00
	12	LOW	64QAM	21.39	21.37	21.36	22.00
		MID	64QAM	21.39	21.33	21.45	22.00
		HIGH	64QAM	21.13	21.12	21.06	22.00
	25	LOW	64QAM	21.11	21.16	21.13	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23900	23925	23950	Tune-up power(dBm)
10	1	LOW	QPSK	24.70	24.72	24.56	25.00
		MID	QPSK	24.52	24.56	24.59	25.00
		HIGH	QPSK	24.27	24.34	24.33	25.00
	25	LOW	QPSK	23.27	23.24	23.22	24.00
		MID	QPSK	23.49	23.37	23.58	24.00
		HIGH	QPSK	23.06	23.34	23.30	24.00
	50	LOW	QPSK	23.36	23.22	23.26	24.00
10	1	LOW	Q16	23.39	23.47	23.55	24.00
		MID	Q16	23.99	23.98	23.79	24.00
		HIGH	Q16	22.99	22.92	23.13	24.00
	25	LOW	Q16	22.21	22.13	22.41	23.00
		MID	Q16	22.52	22.40	22.46	23.00
		HIGH	Q16	22.25	22.11	22.15	23.00
	50	LOW	Q16	22.33	22.23	22.16	23.00
10	1	LOW	64QAM	22.57	22.56	22.66	23.00
		MID	64QAM	22.82	22.87	22.81	23.00
		HIGH	64QAM	22.01	22.17	22.08	23.00
	25	LOW	64QAM	21.40	21.42	21.36	22.00
		MID	64QAM	21.29	21.23	21.33	22.00
		HIGH	64QAM	21.09	21.24	21.20	22.00
	50	LOW	64QAM	21.13	21.10	21.05	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23925	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	24.61	/	25.00
		MID	QPSK	/	24.59	/	25.00
		HIGH	QPSK	/	24.21	/	25.00
	36	LOW	QPSK	/	23.37	/	24.00
		MID	QPSK	/	23.45	/	24.00
		HIGH	QPSK	/	23.21	/	24.00
	75	LOW	QPSK	/	23.21	/	24.00
15	1	LOW	Q16	/	23.50	/	24.00
		MID	Q16	/	23.92	/	24.00
		HIGH	Q16	/	23.06	/	24.00
	36	LOW	Q16	/	22.27	/	23.00
		MID	Q16	/	22.38	/	23.00
		HIGH	Q16	/	22.18	/	23.00
	75	LOW	Q16	/	22.21	/	23.00
15	1	LOW	64QAM	/	22.65	/	23.00
		MID	64QAM	/	22.88	/	23.00
		HIGH	64QAM	/	22.10	/	23.00
	36	LOW	64QAM	/	21.40	/	22.00
		MID	64QAM	/	21.30	/	22.00
		HIGH	64QAM	/	21.20	/	22.00
	75	LOW	64QAM	/	21.07	/	22.00

LTE B18-State1&2&4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23875	23925	23975	Tune-up power(dBm)
5	1	LOW	QPSK	23.69	23.69	23.72	24.50
		MID	QPSK	23.97	23.90	23.92	24.50
		HIGH	QPSK	23.77	23.80	23.79	24.50
	12	LOW	QPSK	23.58	23.48	23.44	24.00
		MID	QPSK	23.26	23.44	23.25	24.00
		HIGH	QPSK	23.30	23.55	23.32	24.00
	25	LOW	QPSK	23.51	23.29	23.59	24.00
5	1	LOW	Q16	23.63	23.62	23.45	24.00
		MID	Q16	23.24	23.45	23.38	24.00
		HIGH	Q16	23.07	23.13	23.17	24.00
	12	LOW	Q16	22.44	22.23	22.21	23.00
		MID	Q16	22.38	22.51	22.47	23.00
		HIGH	Q16	22.16	22.26	22.16	23.00
	25	LOW	Q16	22.44	22.46	22.42	23.00
5	1	LOW	64QAM	22.59	22.69	22.66	23.00
		MID	64QAM	22.41	22.47	22.37	23.00
		HIGH	64QAM	22.18	22.16	22.00	23.00
	12	LOW	64QAM	21.21	21.26	21.23	22.00
		MID	64QAM	21.26	21.29	21.29	22.00
		HIGH	64QAM	21.08	21.02	21.04	22.00
	25	LOW	64QAM	21.33	21.49	21.53	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23900	23925	23950	Tune-up power(dBm)
10	1	LOW	QPSK	23.73	23.78	23.92	24.50
		MID	QPSK	23.94	23.86	23.94	24.50
		HIGH	QPSK	23.60	23.84	23.83	24.50
	25	LOW	QPSK	23.32	23.33	23.33	24.00
		MID	QPSK	23.49	23.36	23.38	24.00
		HIGH	QPSK	23.46	23.27	23.31	24.00
	50	LOW	QPSK	23.39	23.42	23.45	24.00
10	1	LOW	Q16	23.68	23.66	23.50	24.00
		MID	Q16	23.49	23.45	23.27	24.00
		HIGH	Q16	23.05	23.22	23.10	24.00
	25	LOW	Q16	22.34	22.17	22.42	23.00
		MID	Q16	22.31	22.42	22.38	23.00
		HIGH	Q16	22.35	22.24	22.24	23.00
	50	LOW	Q16	22.19	22.32	22.32	23.00
10	1	LOW	64QAM	22.62	22.64	22.56	23.00
		MID	64QAM	22.48	22.32	22.42	23.00
		HIGH	64QAM	22.07	22.19	22.04	23.00
	25	LOW	64QAM	21.22	21.30	21.41	22.00
		MID	64QAM	21.18	21.30	21.38	22.00
		HIGH	64QAM	21.11	21.32	21.12	22.00
	50	LOW	64QAM	21.42	21.38	21.59	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23925	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	23.83	/	24.50
		MID	QPSK	/	23.81	/	24.50
		HIGH	QPSK	/	23.74	/	24.50
	36	LOW	QPSK	/	23.44	/	24.00
		MID	QPSK	/	23.40	/	24.00
		HIGH	QPSK	/	23.41	/	24.00
	75	LOW	QPSK	/	23.44	/	24.00
15	1	LOW	Q16	/	23.53	/	24.00
		MID	Q16	/	23.38	/	24.00
		HIGH	Q16	/	23.08	/	24.00
	36	LOW	Q16	/	22.29	/	23.00
		MID	Q16	/	22.44	/	23.00
		HIGH	Q16	/	22.27	/	23.00
	75	LOW	Q16	/	22.34	/	23.00
15	1	LOW	64QAM	/	22.61	/	23.00
		MID	64QAM	/	22.46	/	23.00
		HIGH	64QAM	/	22.09	/	23.00
	36	LOW	64QAM	/	21.30	/	22.00
		MID	64QAM	/	21.32	/	22.00
		HIGH	64QAM	/	21.17	/	22.00
	75	LOW	64QAM	/	21.47	/	22.00

LTE B18-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23875	23925	23975	Tune-up power(dBm)
5	1	LOW	QPSK	22.11	22.33	22.16	23.00
		MID	QPSK	22.23	22.38	22.37	23.00
		HIGH	QPSK	22.36	22.18	22.36	23.00
	12	LOW	QPSK	22.41	22.49	22.34	23.00
		MID	QPSK	22.43	22.54	22.30	23.00
		HIGH	QPSK	22.40	22.48	22.33	23.00
	25	LOW	QPSK	22.43	22.28	22.37	23.00
5	1	LOW	Q16	22.54	22.43	22.47	23.00
		MID	Q16	22.90	22.90	22.85	23.00
		HIGH	Q16	22.73	22.72	22.53	23.00
	12	LOW	Q16	22.26	22.36	22.28	23.00
		MID	Q16	22.37	22.35	22.25	23.00
		HIGH	Q16	22.50	22.46	22.49	23.00
	25	LOW	Q16	22.43	22.41	22.23	23.00
5	1	LOW	64QAM	22.33	22.25	22.31	23.00
		MID	64QAM	22.85	22.80	22.75	23.00
		HIGH	64QAM	22.55	22.47	22.59	23.00
	12	LOW	64QAM	21.22	21.22	21.37	22.00
		MID	64QAM	21.42	21.53	21.54	22.00
		HIGH	64QAM	21.24	21.39	21.22	22.00
	25	LOW	64QAM	21.19	21.17	21.43	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23900	23925	23950	Tune-up power(dBm)
10	1	LOW	QPSK	22.20	22.38	22.33	23.00
		MID	QPSK	22.38	22.50	22.26	23.00
		HIGH	QPSK	22.37	22.38	22.43	23.00
	25	LOW	QPSK	22.43	22.40	22.43	23.00
		MID	QPSK	22.41	22.30	22.32	23.00
		HIGH	QPSK	22.49	22.27	22.30	23.00
	50	LOW	QPSK	22.25	22.28	22.33	23.00
10	1	LOW	Q16	22.43	22.45	22.43	23.00
		MID	Q16	23.00	22.93	22.83	23.00
		HIGH	Q16	22.69	22.47	22.70	23.00
	25	LOW	Q16	22.42	22.21	22.35	23.00
		MID	Q16	22.40	22.40	22.33	23.00
		HIGH	Q16	22.24	22.28	22.45	23.00
	50	LOW	Q16	22.28	22.32	22.25	23.00
10	1	LOW	64QAM	22.51	22.32	22.34	23.00
		MID	64QAM	22.80	22.93	22.82	23.00
		HIGH	64QAM	22.48	22.61	22.71	23.00
	25	LOW	64QAM	21.35	21.26	21.44	22.00
		MID	64QAM	21.47	21.58	21.35	22.00
		HIGH	64QAM	21.36	21.31	21.34	22.00
	50	LOW	64QAM	21.36	21.20	21.34	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23925	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	22.26	/	23.00
		MID	QPSK	/	22.23	/	23.00
		HIGH	QPSK	/	22.22	/	23.00
	36	LOW	QPSK	/	22.40	/	23.00
		MID	QPSK	/	22.33	/	23.00
		HIGH	QPSK	/	22.35	/	23.00
	75	LOW	QPSK	/	22.37	/	23.00
15	1	LOW	Q16	/	22.42	/	23.00
		MID	Q16	/	22.97	/	23.00
		HIGH	Q16	/	22.59	/	23.00
	36	LOW	Q16	/	22.36	/	23.00
		MID	Q16	/	22.34	/	23.00
		HIGH	Q16	/	22.35	/	23.00
	75	LOW	Q16	/	22.37	/	23.00
15	1	LOW	64QAM	/	22.37	/	23.00
		MID	64QAM	/	22.86	/	23.00
		HIGH	64QAM	/	22.58	/	23.00
	36	LOW	64QAM	/	21.31	/	22.00
		MID	64QAM	/	21.45	/	22.00
		HIGH	64QAM	/	21.32	/	22.00
	75	LOW	64QAM	/	21.31	/	22.00

8.4.7 LTE Band19 Output Power

LTE B19-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	24025	24075	24125	Tune-up power(dBm)
5	1	LOW	QPSK	23.87	23.67	23.67	24.40
		MID	QPSK	23.48	23.65	23.74	24.40
		HIGH	QPSK	23.56	23.62	23.58	24.40
	12	LOW	QPSK	23.00	23.12	23.06	23.40
		MID	QPSK	23.04	23.29	23.03	23.40
		HIGH	QPSK	23.37	23.34	23.31	23.40
	25	LOW	QPSK	23.21	23.15	23.25	23.40
5	1	LOW	Q16	22.39	22.62	22.32	23.40
		MID	Q16	22.97	23.01	23.18	23.40
		HIGH	Q16	22.20	22.45	22.25	23.40
	12	LOW	Q16	22.16	22.27	22.09	22.40
		MID	Q16	22.18	22.15	21.99	22.40
		HIGH	Q16	22.18	22.05	22.20	22.40
	25	LOW	Q16	22.12	22.22	21.97	22.40
5	1	LOW	64QAM	21.66	21.47	21.51	22.40
		MID	64QAM	22.03	22.00	22.21	22.40
		HIGH	64QAM	21.21	21.12	21.25	22.40
	12	LOW	64QAM	20.91	21.04	21.03	21.40
		MID	64QAM	21.22	21.38	21.26	21.40
		HIGH	64QAM	21.15	21.22	21.11	21.40
	25	LOW	64QAM	21.18	21.04	21.25	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	24050	24075	24100	Tune-up power(dBm)
10	1	LOW	QPSK	23.80	23.69	23.64	24.40
		MID	QPSK	23.60	23.47	23.70	24.40
		HIGH	QPSK	23.61	23.60	23.65	24.40
	25	LOW	QPSK	23.07	23.23	23.06	23.40
		MID	QPSK	23.00	23.22	23.23	23.40
		HIGH	QPSK	23.27	23.15	23.26	23.40
	50	LOW	QPSK	22.98	23.01	23.09	23.40
10	1	LOW	Q16	22.42	22.55	22.49	23.40
		MID	Q16	23.19	23.20	23.11	23.40
		HIGH	Q16	22.23	22.34	22.46	23.40
	25	LOW	Q16	22.27	22.01	22.29	22.40
		MID	Q16	22.24	22.08	21.99	22.40
		HIGH	Q16	22.02	22.26	22.03	22.40
	50	LOW	Q16	22.08	21.93	22.11	22.40
10	1	LOW	64QAM	21.56	21.68	21.67	22.40
		MID	64QAM	22.10	22.21	22.10	22.40
		HIGH	64QAM	21.26	21.15	21.14	22.40
	25	LOW	64QAM	21.17	21.04	21.14	21.40
		MID	64QAM	21.31	21.12	21.20	21.40
		HIGH	64QAM	21.30	21.37	21.40	21.40
	50	LOW	64QAM	21.03	21.27	21.12	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	24075	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	23.77	/	24.40
		MID	QPSK	/	23.62	/	24.40
		HIGH	QPSK	/	23.53	/	24.40
	36	LOW	QPSK	/	23.09	/	23.40
		MID	QPSK	/	23.04	/	23.40
		HIGH	QPSK	/	23.02	/	23.40
	75	LOW	QPSK	/	23.13	/	23.40
15	1	LOW	Q16	/	22.47	/	23.40
		MID	Q16	/	23.05	/	23.40
		HIGH	Q16	/	22.34	/	23.40
	36	LOW	Q16	/	22.14	/	22.40
		MID	Q16	/	22.12	/	22.40
		HIGH	Q16	/	22.17	/	22.40
	75	LOW	Q16	/	22.08	/	22.40
15	1	LOW	64QAM	/	21.55	/	22.40
		MID	64QAM	/	22.14	/	22.40
		HIGH	64QAM	/	21.27	/	22.40
	36	LOW	64QAM	/	21.02	/	21.40
		MID	64QAM	/	21.27	/	21.40
		HIGH	64QAM	/	21.25	/	21.40
	75	LOW	64QAM	/	21.18	/	21.40

LTE B19-State1&2&3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	24025	24075	24125	Tune-up power(dBm)
5	1	LOW	QPSK	23.87	23.67	23.67	24.40
		MID	QPSK	23.48	23.65	23.74	24.40
		HIGH	QPSK	23.56	23.62	23.58	24.40
	12	LOW	QPSK	23.00	23.12	23.06	23.40
		MID	QPSK	23.04	23.29	23.03	23.40
		HIGH	QPSK	23.37	23.34	23.31	23.40
	25	LOW	QPSK	23.21	23.15	23.25	23.40
5	1	LOW	Q16	22.39	22.62	22.32	23.40
		MID	Q16	22.97	23.01	23.18	23.40
		HIGH	Q16	22.20	22.45	22.25	23.40
	12	LOW	Q16	22.16	22.27	22.09	22.40
		MID	Q16	22.18	22.15	21.99	22.40
		HIGH	Q16	22.18	22.05	22.20	22.40
	25	LOW	Q16	22.12	22.22	21.97	22.40
5	1	LOW	64QAM	21.66	21.47	21.51	22.40
		MID	64QAM	22.03	22.00	22.21	22.40
		HIGH	64QAM	21.21	21.12	21.25	22.40
	12	LOW	64QAM	20.91	21.04	21.03	21.40
		MID	64QAM	21.22	21.38	21.26	21.40
		HIGH	64QAM	21.15	21.22	21.11	21.40
	25	LOW	64QAM	21.18	21.04	21.25	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	24050	24075	24100	Tune-up power(dBm)
10	1	LOW	QPSK	23.80	23.69	23.64	24.40
		MID	QPSK	23.60	23.47	23.70	24.40
		HIGH	QPSK	23.61	23.60	23.65	24.40
	25	LOW	QPSK	23.07	23.23	23.06	23.40
		MID	QPSK	23.00	23.22	23.23	23.40
		HIGH	QPSK	23.27	23.15	23.26	23.40
	50	LOW	QPSK	22.98	23.01	23.09	23.40
10	1	LOW	Q16	22.42	22.55	22.49	23.40
		MID	Q16	23.19	23.20	23.11	23.40
		HIGH	Q16	22.23	22.34	22.46	23.40
	25	LOW	Q16	22.27	22.01	22.29	22.40
		MID	Q16	22.24	22.08	21.99	22.40
		HIGH	Q16	22.02	22.26	22.03	22.40
	50	LOW	Q16	22.08	21.93	22.11	22.40
10	1	LOW	64QAM	21.56	21.68	21.67	22.40
		MID	64QAM	22.10	22.21	22.10	22.40
		HIGH	64QAM	21.26	21.15	21.14	22.40
	25	LOW	64QAM	21.17	21.04	21.14	21.40
		MID	64QAM	21.31	21.12	21.20	21.40
		HIGH	64QAM	21.30	21.37	21.40	21.40
	50	LOW	64QAM	21.03	21.27	21.12	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	24075	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	23.77	/	24.40
		MID	QPSK	/	23.62	/	24.40
		HIGH	QPSK	/	23.53	/	24.40
	36	LOW	QPSK	/	23.09	/	23.40
		MID	QPSK	/	23.04	/	23.40
		HIGH	QPSK	/	23.02	/	23.40
	75	LOW	QPSK	/	23.13	/	23.40
15	1	LOW	Q16	/	22.47	/	23.40
		MID	Q16	/	23.05	/	23.40
		HIGH	Q16	/	22.34	/	23.40
	36	LOW	Q16	/	22.14	/	22.40
		MID	Q16	/	22.12	/	22.40
		HIGH	Q16	/	22.17	/	22.40
	75	LOW	Q16	/	22.08	/	22.40
15	1	LOW	64QAM	/	21.55	/	22.40
		MID	64QAM	/	22.14	/	22.40
		HIGH	64QAM	/	21.27	/	22.40
	36	LOW	64QAM	/	21.02	/	21.40
		MID	64QAM	/	21.27	/	21.40
		HIGH	64QAM	/	21.25	/	21.40
	75	LOW	64QAM	/	21.18	/	21.40

8.4.7 LTE Band19 Output Power

LTE B19-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	24025	24075	24125	Tune-up power(dBm)
5	1	LOW	QPSK	23.82	23.54	23.63	25.00
		MID	QPSK	23.75	23.56	23.55	25.00
		HIGH	QPSK	23.71	23.48	23.59	25.00
	12	LOW	QPSK	23.22	23.14	23.24	24.00
		MID	QPSK	23.38	23.41	23.32	24.00
		HIGH	QPSK	23.57	23.31	23.46	24.00
	25	LOW	QPSK	23.35	23.39	23.32	24.00
5	1	LOW	Q16	23.59	23.65	23.49	24.00
		MID	Q16	23.55	23.73	23.76	24.00
		HIGH	Q16	23.50	23.75	23.71	24.00
	12	LOW	Q16	22.37	22.16	22.39	23.00
		MID	Q16	22.26	22.27	22.28	23.00
		HIGH	Q16	22.20	22.22	22.27	23.00
	25	LOW	Q16	22.23	22.12	22.22	23.00
5	1	LOW	64QAM	22.71	22.51	22.64	23.00
		MID	64QAM	22.57	22.60	22.61	23.00
		HIGH	64QAM	22.55	22.70	22.65	23.00
	12	LOW	64QAM	21.23	21.27	21.04	22.00
		MID	64QAM	21.15	21.36	21.09	22.00
		HIGH	64QAM	21.33	21.53	21.51	22.00
	25	LOW	64QAM	21.17	21.09	21.13	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	24050	24075	24100	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.83	23.53	25.00
		MID	QPSK	23.73	23.60	23.67	25.00
		HIGH	QPSK	23.48	23.58	23.76	25.00
	25	LOW	QPSK	23.18	23.26	23.15	24.00
		MID	QPSK	23.20	23.31	23.38	24.00
		HIGH	QPSK	23.48	23.38	23.39	24.00
10	1	LOW	QPSK	23.33	23.33	23.36	24.00
		LOW	Q16	23.60	23.55	23.45	24.00
		MID	Q16	23.57	23.51	23.67	24.00
	25	HIGH	Q16	23.57	23.58	23.60	24.00
		LOW	Q16	22.29	22.35	22.30	23.00
		MID	Q16	22.41	22.35	22.40	23.00
		HIGH	Q16	22.37	22.17	22.36	23.00
	50	LOW	Q16	22.31	22.38	22.38	23.00
10	1	LOW	64QAM	22.52	22.60	22.68	23.00
		MID	64QAM	22.44	22.64	22.48	23.00
		HIGH	64QAM	22.65	22.61	22.78	23.00
	25	LOW	64QAM	21.17	21.24	21.28	22.00
		MID	64QAM	21.34	21.39	21.32	22.00
		HIGH	64QAM	21.33	21.54	21.56	22.00
	50	LOW	64QAM	21.22	21.23	21.14	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	24075	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	23.68	/	25.00
		MID	QPSK	/	23.65	/	25.00
		HIGH	QPSK	/	23.63	/	25.00
	36	LOW	QPSK	/	23.28	/	24.00
		MID	QPSK	/	23.34	/	24.00
		HIGH	QPSK	/	23.45	/	24.00
15	75	LOW	QPSK	/	23.38	/	24.00
	1	LOW	Q16	/	23.59	/	24.00
		MID	Q16	/	23.61	/	24.00
		HIGH	Q16	/	23.62	/	24.00
	36	LOW	Q16	/	22.24	/	23.00
		MID	Q16	/	22.27	/	23.00
		HIGH	Q16	/	22.32	/	23.00
	75	LOW	Q16	/	22.25	/	23.00
15	1	LOW	64QAM	/	22.62	/	23.00
		MID	64QAM	/	22.57	/	23.00
		HIGH	64QAM	/	22.63	/	23.00
	36	LOW	64QAM	/	21.15	/	22.00
		MID	64QAM	/	21.24	/	22.00
		HIGH	64QAM	/	21.43	/	22.00
	75	LOW	64QAM	/	21.15	/	22.00

LTE B19-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	24025	24075	24125	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.52	23.49	24.50
		MID	QPSK	23.57	23.62	23.73	24.50
		HIGH	QPSK	23.54	23.71	23.61	24.50
	12	LOW	QPSK	23.46	23.39	23.32	24.00
		MID	QPSK	23.24	23.38	23.14	24.00
		HIGH	QPSK	23.30	23.09	23.37	24.00
	25	LOW	QPSK	23.24	23.04	23.27	24.00
5	1	LOW	Q16	23.41	23.12	23.40	24.00
		MID	Q16	23.26	23.43	23.44	24.00
		HIGH	Q16	23.03	23.01	23.18	24.00
	12	LOW	Q16	22.19	22.28	22.20	23.00
		MID	Q16	22.12	22.10	22.08	23.00
		HIGH	Q16	22.06	22.09	22.04	23.00
	25	LOW	Q16	22.17	22.08	22.25	23.00
5	1	LOW	64QAM	22.28	22.26	22.17	23.00
		MID	64QAM	22.37	22.41	22.50	23.00
		HIGH	64QAM	22.10	22.03	21.95	23.00
	12	LOW	64QAM	21.21	20.96	20.94	22.00
		MID	64QAM	21.11	21.02	21.02	22.00
		HIGH	64QAM	21.18	21.24	21.04	22.00
	25	LOW	64QAM	21.16	21.20	21.21	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	24050	24075	24100	Tune-up power(dBm)
10	1	LOW	QPSK	23.61	23.65	23.65	24.50
		MID	QPSK	23.59	23.59	23.67	24.50
		HIGH	QPSK	23.53	23.49	23.60	24.50
	25	LOW	QPSK	23.42	23.30	23.31	24.00
		MID	QPSK	23.34	23.36	23.37	24.00
		HIGH	QPSK	23.11	23.21	23.17	24.00
	50	LOW	QPSK	23.15	23.08	23.09	24.00
10	1	LOW	Q16	23.33	23.42	23.13	24.00
		MID	Q16	23.27	23.25	23.50	24.00
		HIGH	Q16	23.05	23.22	23.00	24.00
	25	LOW	Q16	22.12	22.31	22.08	23.00
		MID	Q16	22.13	22.18	22.14	23.00
		HIGH	Q16	22.13	22.20	22.32	23.00
	50	LOW	Q16	22.30	22.37	22.18	23.00
10	1	LOW	64QAM	22.27	22.43	22.21	23.00
		MID	64QAM	22.33	22.34	22.39	23.00
		HIGH	64QAM	21.99	21.98	21.86	23.00
	25	LOW	64QAM	21.12	21.06	21.19	22.00
		MID	64QAM	21.17	21.24	21.21	22.00
		HIGH	64QAM	21.16	21.08	21.14	22.00
	50	LOW	64QAM	21.05	21.08	21.10	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	24075	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	23.64	/	24.50
		MID	QPSK	/	23.57	/	24.50
		HIGH	QPSK	/	23.57	/	24.50
	36	LOW	QPSK	/	23.31	/	24.00
		MID	QPSK	/	23.28	/	24.00
		HIGH	QPSK	/	23.22	/	24.00
	75	LOW	QPSK	/	23.18	/	24.00
15	1	LOW	Q16	/	23.27	/	24.00
		MID	Q16	/	23.38	/	24.00
		HIGH	Q16	/	23.12	/	24.00
	36	LOW	Q16	/	22.16	/	23.00
		MID	Q16	/	22.15	/	23.00
		HIGH	Q16	/	22.18	/	23.00
	75	LOW	Q16	/	22.22	/	23.00
15	1	LOW	64QAM	/	22.29	/	23.00
		MID	64QAM	/	22.35	/	23.00
		HIGH	64QAM	/	21.99	/	23.00
	36	LOW	64QAM	/	21.09	/	22.00
		MID	64QAM	/	21.11	/	22.00
		HIGH	64QAM	/	21.09	/	22.00
	75	LOW	64QAM	/	21.15	/	22.00

LTE B19-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	24025	24075	24125	Tune-up power(dBm)
5	1	LOW	QPSK	23.07	23.22	23.29	24.00
		MID	QPSK	23.29	23.23	23.18	24.00
		HIGH	QPSK	23.21	23.17	23.22	24.00
	12	LOW	QPSK	23.34	23.13	23.16	24.00
		MID	QPSK	23.33	23.13	23.18	24.00
		HIGH	QPSK	23.21	23.14	23.10	24.00
	25	LOW	QPSK	23.09	23.22	23.15	24.00
5	1	LOW	Q16	23.34	23.20	23.34	24.00
		MID	Q16	23.32	23.53	23.34	24.00
		HIGH	Q16	23.21	23.13	23.25	24.00
	12	LOW	Q16	22.23	22.05	22.04	23.00
		MID	Q16	22.13	22.25	22.14	23.00
		HIGH	Q16	22.18	22.13	21.99	23.00
	25	LOW	Q16	22.30	22.09	22.11	23.00
5	1	LOW	64QAM	22.44	22.22	22.21	23.00
		MID	64QAM	22.44	22.55	22.45	23.00
		HIGH	64QAM	22.26	22.01	22.13	23.00
	12	LOW	64QAM	21.32	21.20	21.35	22.00
		MID	64QAM	21.31	21.16	21.34	22.00
		HIGH	64QAM	21.14	21.27	21.21	22.00
	25	LOW	64QAM	21.06	21.05	21.19	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	24050	24075	24100	Tune-up power(dBm)
10	1	LOW	QPSK	23.07	23.09	23.23	24.00
		MID	QPSK	23.19	23.25	23.28	24.00
		HIGH	QPSK	23.14	23.21	22.98	24.00
	25	LOW	QPSK	23.12	23.37	23.34	24.00
		MID	QPSK	23.23	23.35	23.37	24.00
		HIGH	QPSK	23.13	23.28	23.29	24.00
	50	LOW	QPSK	23.10	23.11	23.12	24.00
10	1	LOW	Q16	23.39	23.20	23.41	24.00
		MID	Q16	23.45	23.29	23.36	24.00
		HIGH	Q16	23.06	23.05	23.06	24.00
	25	LOW	Q16	22.10	22.16	22.20	23.00
		MID	Q16	22.24	22.02	22.20	23.00
		HIGH	Q16	22.28	22.01	22.23	23.00
	50	LOW	Q16	22.10	22.18	22.21	23.00
10	1	LOW	64QAM	22.23	22.34	22.35	23.00
		MID	64QAM	22.43	22.29	22.36	23.00
		HIGH	64QAM	22.17	22.23	22.25	23.00
	25	LOW	64QAM	21.25	21.21	21.14	22.00
		MID	64QAM	21.40	21.16	21.32	22.00
		HIGH	64QAM	21.35	21.40	21.40	22.00
	50	LOW	64QAM	21.18	21.08	21.19	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	24075	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	23.17	/	24.00
		MID	QPSK	/	23.17	/	24.00
		HIGH	QPSK	/	23.09	/	24.00
	36	LOW	QPSK	/	23.25	/	24.00
		MID	QPSK	/	23.22	/	24.00
		HIGH	QPSK	/	23.24	/	24.00
	75	LOW	QPSK	/	23.19	/	24.00
15	1	LOW	Q16	/	23.28	/	24.00
		MID	Q16	/	23.39	/	24.00
		HIGH	Q16	/	23.13	/	24.00
	36	LOW	Q16	/	22.13	/	23.00
		MID	Q16	/	22.16	/	23.00
		HIGH	Q16	/	22.14	/	23.00
	75	LOW	Q16	/	22.19	/	23.00
15	1	LOW	64QAM	/	22.33	/	23.00
		MID	64QAM	/	22.43	/	23.00
		HIGH	64QAM	/	22.11	/	23.00
	36	LOW	64QAM	/	21.22	/	22.00
		MID	64QAM	/	21.26	/	22.00
		HIGH	64QAM	/	21.25	/	22.00
	75	LOW	64QAM	/	21.20	/	22.00

LTE B19-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	24025	24075	24125	Tune-up power(dBm)
5	1	LOW	QPSK	22.81	22.54	22.67	23.00
		MID	QPSK	22.48	22.48	22.64	23.00
		HIGH	QPSK	22.38	22.65	22.63	23.00
	12	LOW	QPSK	22.76	22.74	22.60	23.00
		MID	QPSK	22.78	22.53	22.82	23.00
		HIGH	QPSK	22.58	22.65	22.60	23.00
	25	LOW	QPSK	22.62	22.73	22.84	23.00
5	1	LOW	Q16	22.97	22.99	22.91	23.00
		MID	Q16	22.86	22.80	23.00	23.00
		HIGH	Q16	22.78	22.91	22.73	23.00
	12	LOW	Q16	22.42	22.16	22.41	23.00
		MID	Q16	22.24	22.08	22.31	23.00
		HIGH	Q16	22.23	22.13	22.13	23.00
	25	LOW	Q16	22.20	22.27	22.01	23.00
5	1	LOW	64QAM	22.79	22.69	22.88	23.00
		MID	64QAM	22.95	22.99	22.77	23.00
		HIGH	64QAM	22.82	22.89	22.92	23.00
	12	LOW	64QAM	21.17	21.31	21.14	22.00
		MID	64QAM	21.23	21.27	21.20	22.00
		HIGH	64QAM	21.17	21.29	21.19	22.00
	25	LOW	64QAM	21.10	21.17	21.07	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	24050	24075	24100	Tune-up power(dBm)
10	1	LOW	QPSK	22.69	22.55	22.79	23.00
		MID	QPSK	22.67	22.72	22.67	23.00
		HIGH	QPSK	22.59	22.62	22.52	23.00
	25	LOW	QPSK	22.57	22.77	22.67	23.00
		MID	QPSK	22.53	22.75	22.82	23.00
		HIGH	QPSK	22.74	22.77	22.52	23.00
	50	LOW	QPSK	22.75	22.81	22.64	23.00
10	1	LOW	Q16	22.87	22.88	22.96	23.00
		MID	Q16	22.95	22.77	22.88	23.00
		HIGH	Q16	22.89	22.93	22.97	23.00
	25	LOW	Q16	22.16	22.23	22.19	23.00
		MID	Q16	22.22	22.08	22.07	23.00
		HIGH	Q16	22.32	22.26	22.19	23.00
	50	LOW	Q16	22.02	22.17	22.28	23.00
10	1	LOW	64QAM	22.86	22.95	22.81	23.00
		MID	64QAM	22.70	22.72	22.78	23.00
		HIGH	64QAM	22.84	22.80	22.94	23.00
	25	LOW	64QAM	21.03	21.12	21.24	22.00
		MID	64QAM	21.22	21.11	21.11	22.00
		HIGH	64QAM	21.12	21.18	21.18	22.00
	50	LOW	64QAM	21.08	21.27	21.22	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	24075	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	22.67	/	23.00
		MID	QPSK	/	22.59	/	23.00
		HIGH	QPSK	/	22.53	/	23.00
	36	LOW	QPSK	/	22.70	/	23.00
		MID	QPSK	/	22.68	/	23.00
		HIGH	QPSK	/	22.62	/	23.00
	75	LOW	QPSK	/	22.70	/	23.00
15	1	LOW	Q16	/	22.98	/	23.00
		MID	Q16	/	22.92	/	23.00
		HIGH	Q16	/	22.84	/	23.00
	36	LOW	Q16	/	22.27	/	23.00
		MID	Q16	/	22.19	/	23.00
		HIGH	Q16	/	22.17	/	23.00
	75	LOW	Q16	/	22.16	/	23.00
15	1	LOW	64QAM	/	22.84	/	23.00
		MID	64QAM	/	22.84	/	23.00
		HIGH	64QAM	/	22.88	/	23.00
	36	LOW	64QAM	/	21.16	/	22.00
		MID	64QAM	/	21.17	/	22.00
		HIGH	64QAM	/	21.17	/	22.00
	75	LOW	64QAM	/	21.20	/	22.00

LTE B19-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	24025	24075	24125	Tune-up power(dBm)
5	1	LOW	QPSK	23.35	23.39	23.35	23.50
		MID	QPSK	23.40	23.35	23.32	23.50
		HIGH	QPSK	23.30	23.16	23.15	23.50
	12	LOW	QPSK	23.38	23.21	23.19	23.50
		MID	QPSK	23.19	23.16	23.38	23.50
		HIGH	QPSK	23.44	23.40	23.20	23.50
	25	LOW	QPSK	23.22	23.34	23.20	23.50
5	1	LOW	Q16	23.44	23.20	23.46	23.50
		MID	Q16	23.40	23.41	23.43	23.50
		HIGH	Q16	22.69	22.87	22.76	23.50
	12	LOW	Q16	22.26	22.22	22.45	23.00
		MID	Q16	22.27	22.35	22.35	23.00
		HIGH	Q16	22.42	22.33	22.14	23.00
	25	LOW	Q16	22.23	22.12	22.34	23.00
5	1	LOW	64QAM	22.90	22.72	22.75	23.00
		MID	64QAM	22.76	22.98	23.00	23.00
		HIGH	64QAM	22.46	22.49	22.35	23.00
	12	LOW	64QAM	21.19	21.26	21.06	22.00
		MID	64QAM	21.23	21.47	21.21	22.00
		HIGH	64QAM	21.30	21.45	21.29	22.00
	25	LOW	64QAM	21.23	21.45	21.24	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	24050	24075	24100	Tune-up power(dBm)
10	1	LOW	QPSK	23.32	23.48	23.31	23.50
		MID	QPSK	23.45	23.31	23.37	23.50
		HIGH	QPSK	23.21	23.23	23.12	23.50
	25	LOW	QPSK	23.39	23.46	23.36	23.50
		MID	QPSK	23.24	23.21	23.43	23.50
		HIGH	QPSK	23.41	23.39	23.37	23.50
	50	LOW	QPSK	23.35	23.26	23.24	23.50
10	1	LOW	Q16	23.40	23.32	23.17	23.50
		MID	Q16	23.33	23.36	23.46	23.50
		HIGH	Q16	22.91	22.72	22.91	23.50
	25	LOW	Q16	22.38	22.15	22.25	23.00
		MID	Q16	22.40	22.32	22.40	23.00
		HIGH	Q16	22.32	22.31	22.25	23.00
	50	LOW	Q16	22.11	22.15	22.14	23.00
10	1	LOW	64QAM	22.75	22.65	22.85	23.00
		MID	64QAM	22.94	22.86	22.97	23.00
		HIGH	64QAM	22.32	22.41	22.53	23.00
	25	LOW	64QAM	21.31	21.26	21.16	22.00
		MID	64QAM	21.35	21.20	21.35	22.00
		HIGH	64QAM	21.43	21.27	21.47	22.00
	50	LOW	64QAM	21.36	21.42	21.24	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	24075	/	Tune-up power(dBm)
15	1	LOW	QPSK	/	23.42	/	23.50
		MID	QPSK	/	23.40	/	23.50
		HIGH	QPSK	/	23.17	/	23.50
	36	LOW	QPSK	/	23.32	/	23.50
		MID	QPSK	/	23.31	/	23.50
		HIGH	QPSK	/	23.35	/	23.50
	75	LOW	QPSK	/	23.34	/	23.50
15	1	LOW	Q16	/	23.31	/	23.50
		MID	Q16	/	23.46	/	23.50
		HIGH	Q16	/	22.79	/	23.50
	36	LOW	Q16	/	22.30	/	23.00
		MID	Q16	/	22.25	/	23.00
		HIGH	Q16	/	22.28	/	23.00
	75	LOW	Q16	/	22.20	/	23.00
15	1	LOW	64QAM	/	22.80	/	23.00
		MID	64QAM	/	22.89	/	23.00
		HIGH	64QAM	/	22.44	/	23.00
	36	LOW	64QAM	/	21.17	/	22.00
		MID	64QAM	/	21.34	/	22.00
		HIGH	64QAM	/	21.34	/	22.00
	75	LOW	64QAM	/	21.33	/	22.00

8.4.8 LTE Band26 Output Power

LTE B26-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	24.22	24.00	24.40
		MID	QPSK	24.11	24.25	24.16	24.40
		HIGH	QPSK	23.76	23.97	24.07	24.40
	3	LOW	QPSK	23.91	24.30	23.89	24.40
		MID	QPSK	23.84	24.19	24.04	24.40
		HIGH	QPSK	23.82	24.19	23.81	24.40
	6	LOW	QPSK	23.02	23.09	22.98	23.40
	1.4	LOW	Q16	22.86	23.38	22.95	23.40
		MID	Q16	23.00	23.36	22.97	23.40
		HIGH	Q16	23.01	23.33	22.88	23.40
		LOW	Q16	22.84	23.23	22.92	23.40
		MID	Q16	22.94	23.40	23.09	23.40
		HIGH	Q16	22.95	23.21	23.12	23.40
1.4	6	LOW	Q16	22.00	21.99	22.09	22.40
	1	LOW	64QAM	21.77	22.24	21.84	22.40
		MID	64QAM	21.93	22.23	21.98	22.40
		HIGH	64QAM	22.11	22.18	21.77	22.40
	3	LOW	64QAM	21.75	22.31	21.96	22.40
		MID	64QAM	21.85	22.26	22.12	22.40
		HIGH	64QAM	22.08	22.18	21.98	22.40
	6	LOW	64QAM	21.03	21.11	21.07	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.92	24.14	24.06	24.40
		MID	QPSK	23.84	24.34	23.99	24.40
		HIGH	QPSK	24.03	24.05	23.83	24.40
	8	LOW	QPSK	22.84	23.14	23.05	23.40
		MID	QPSK	23.12	23.18	22.90	23.40
		HIGH	QPSK	22.90	23.22	23.14	23.40
	15	LOW	QPSK	22.82	23.07	22.86	23.40
	3	LOW	Q16	22.84	23.12	23.06	23.40
		MID	Q16	23.00	23.24	22.96	23.40
		HIGH	Q16	22.99	23.15	22.96	23.40
		LOW	Q16	21.86	22.13	22.08	22.40
		MID	Q16	21.78	22.10	22.08	22.40
		HIGH	Q16	22.00	21.92	21.97	22.40
3	15	LOW	Q16	21.76	21.93	21.84	22.40
	1	LOW	64QAM	21.75	22.03	21.95	22.40
		MID	64QAM	21.92	22.16	21.68	22.40
		HIGH	64QAM	22.07	22.32	21.85	22.40
	8	LOW	64QAM	20.95	21.26	21.07	21.40
		MID	64QAM	20.81	21.18	20.94	21.40
		HIGH	64QAM	21.00	20.81	21.08	21.40
	15	LOW	64QAM	20.95	20.81	20.84	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	24.14	23.98	24.40
		MID	QPSK	23.88	24.09	23.94	24.40
		HIGH	QPSK	23.82	24.20	24.07	24.40
	12	LOW	QPSK	22.91	23.24	23.05	23.40
		MID	QPSK	22.92	23.02	22.94	23.40
		HIGH	QPSK	22.79	23.25	23.02	23.40
	25	LOW	QPSK	22.91	23.15	23.13	23.40
	5	LOW	Q16	22.93	23.13	22.88	23.40
		MID	Q16	23.04	23.27	22.81	23.40
		HIGH	Q16	23.14	23.38	23.14	23.40
		LOW	Q16	22.01	22.22	21.89	22.40
		MID	Q16	22.06	22.09	21.92	22.40
		HIGH	Q16	22.03	21.93	21.86	22.40
5	25	LOW	Q16	21.73	22.06	21.85	22.40
	1	LOW	64QAM	21.91	22.22	21.80	22.40
		MID	64QAM	21.86	22.17	21.76	22.40
		HIGH	64QAM	21.93	22.09	22.01	22.40
	12	LOW	64QAM	20.98	21.24	21.09	21.40
		MID	64QAM	20.91	21.20	21.12	21.40
		HIGH	64QAM	20.97	20.95	20.81	21.40
	25	LOW	64QAM	20.78	21.06	20.94	21.40

LTE B26-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	24.11	24.39	23.96	24.40	
		MID	QPSK	24.04	24.16	24.11	24.40	
		HIGH	QPSK	23.80	24.11	23.91	24.40	
	25	LOW	QPSK	22.93	23.37	22.88	23.40	
		MID	QPSK	23.08	23.27	23.02	23.40	
		HIGH	QPSK	22.98	23.07	23.12	23.40	
	50	LOW	QPSK	23.06	23.30	22.84	23.40	
	10	1	LOW	Q16	23.04	23.34	22.91	23.40
			MID	Q16	23.06	23.29	23.03	23.40
HIGH			Q16	23.07	23.32	22.86	23.40	
25		LOW	Q16	21.77	22.28	22.01	22.40	
		MID	Q16	21.95	22.20	22.06	22.40	
		HIGH	Q16	21.88	22.05	22.02	22.40	
50		LOW	Q16	21.93	22.11	21.92	22.40	
10		1	LOW	64QAM	21.83	22.05	22.07	22.40
			MID	64QAM	21.89	22.21	21.90	22.40
	HIGH		64QAM	22.08	22.27	21.77	22.40	
	25	LOW	64QAM	20.96	21.25	21.09	21.40	
		MID	64QAM	20.84	21.14	21.09	21.40	
		HIGH	64QAM	20.95	21.00	21.06	21.40	
	50	LOW	64QAM	20.96	20.97	20.98	21.40	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.99	24.28	24.03	24.40
MID			QPSK	23.99	24.23	24.02	24.40	
HIGH			QPSK	23.91	24.07	23.94	24.40	
36		LOW	QPSK	22.92	23.27	22.97	23.40	
		MID	QPSK	23.01	23.15	22.89	23.40	
		HIGH	QPSK	22.90	23.11	22.99	23.40	
75		LOW	QPSK	22.92	23.19	22.98	23.40	
15		1	LOW	Q16	22.98	23.24	22.95	23.40
			MID	Q16	22.91	23.39	22.94	23.40
	HIGH		Q16	23.01	23.29	23.00	23.40	
	36	LOW	Q16	21.91	22.16	21.97	22.40	
		MID	Q16	21.93	22.13	22.02	22.40	
		HIGH	Q16	21.90	22.05	21.95	22.40	
	75	LOW	Q16	21.88	22.06	21.94	22.40	
	15	1	LOW	64QAM	21.88	22.10	21.95	22.40
			MID	64QAM	21.80	22.26	21.80	22.40
HIGH			64QAM	21.97	22.19	21.87	22.40	
36		LOW	64QAM	20.87	21.27	21.08	21.40	
		MID	64QAM	20.81	21.26	20.99	21.40	
		HIGH	64QAM	20.97	20.93	20.93	21.40	
75		LOW	64QAM	20.82	20.91	20.86	21.40	

LTE B26-State1&2&3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	24.22	24.00	24.40
		MID	QPSK	24.11	24.25	24.16	24.40
		HIGH	QPSK	23.76	23.97	24.07	24.40
	3	LOW	QPSK	23.91	24.30	23.89	24.40
		MID	QPSK	23.84	24.19	24.04	24.40
		HIGH	QPSK	23.82	24.19	23.81	24.40
	6	LOW	QPSK	23.02	23.09	22.98	23.40
	1.4	LOW	Q16	22.86	23.38	22.95	23.40
		MID	Q16	23.00	23.36	22.97	23.40
		HIGH	Q16	23.01	23.33	22.88	23.40
		LOW	Q16	22.84	23.23	22.92	23.40
		MID	Q16	22.94	23.40	23.09	23.40
		HIGH	Q16	22.95	23.21	23.12	23.40
1.4	6	LOW	Q16	22.00	21.99	22.09	22.40
	1	LOW	64QAM	21.77	22.24	21.84	22.40
		MID	64QAM	21.93	22.23	21.98	22.40
		HIGH	64QAM	22.11	22.18	21.77	22.40
	3	LOW	64QAM	21.75	22.31	21.96	22.40
		MID	64QAM	21.85	22.26	22.12	22.40
		HIGH	64QAM	22.08	22.18	21.98	22.40
	6	LOW	64QAM	21.03	21.11	21.07	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.92	24.14	24.06	24.40
		MID	QPSK	23.84	24.34	23.99	24.40
		HIGH	QPSK	24.03	24.05	23.83	24.40
	8	LOW	QPSK	22.84	23.14	23.05	23.40
		MID	QPSK	23.12	23.18	22.90	23.40
		HIGH	QPSK	22.90	23.22	23.14	23.40
	15	LOW	QPSK	22.82	23.07	22.86	23.40
	3	LOW	Q16	22.84	23.12	23.06	23.40
		MID	Q16	23.00	23.24	22.96	23.40
		HIGH	Q16	22.99	23.15	22.96	23.40
		LOW	Q16	21.86	22.13	22.08	22.40
		MID	Q16	21.78	22.10	22.08	22.40
		HIGH	Q16	22.00	21.92	21.97	22.40
3	15	LOW	Q16	21.76	21.93	21.84	22.40
	1	LOW	64QAM	21.75	22.03	21.95	22.40
		MID	64QAM	21.92	22.16	21.68	22.40
		HIGH	64QAM	22.07	22.32	21.85	22.40
	8	LOW	64QAM	20.95	21.26	21.07	21.40
		MID	64QAM	20.81	21.18	20.94	21.40
		HIGH	64QAM	21.00	20.81	21.08	21.40
	15	LOW	64QAM	20.95	20.81	20.84	21.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	24.14	23.98	24.40
		MID	QPSK	23.88	24.09	23.94	24.40
		HIGH	QPSK	23.82	24.20	24.07	24.40
	12	LOW	QPSK	22.91	23.24	23.05	23.40
		MID	QPSK	22.92	23.02	22.94	23.40
		HIGH	QPSK	22.79	23.25	23.02	23.40
	25	LOW	QPSK	22.91	23.15	23.13	23.40
	5	LOW	Q16	22.93	23.13	22.88	23.40
		MID	Q16	23.04	23.27	22.81	23.40
		HIGH	Q16	23.14	23.38	23.14	23.40
		LOW	Q16	22.01	22.22	21.89	22.40
		MID	Q16	22.06	22.09	21.92	22.40
		HIGH	Q16	22.03	21.93	21.86	22.40
5	25	LOW	Q16	21.73	22.06	21.85	22.40
	1	LOW	64QAM	21.91	22.22	21.80	22.40
		MID	64QAM	21.86	22.17	21.76	22.40
		HIGH	64QAM	21.93	22.09	22.01	22.40
	12	LOW	64QAM	20.98	21.24	21.09	21.40
		MID	64QAM	20.91	21.20	21.12	21.40
		HIGH	64QAM	20.97	20.95	20.81	21.40
	25	LOW	64QAM	20.78	21.06	20.94	21.40

LTE B26-State1&2&3&4 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	24.11	24.39	23.96	24.40	
		MID	QPSK	24.04	24.16	24.11	24.40	
		HIGH	QPSK	23.80	24.11	23.91	24.40	
	25	LOW	QPSK	22.93	23.37	22.88	23.40	
		MID	QPSK	23.08	23.27	23.02	23.40	
		HIGH	QPSK	22.98	23.07	23.12	23.40	
	50	LOW	QPSK	23.06	23.30	22.84	23.40	
	10	1	LOW	Q16	23.04	23.34	22.91	23.40
			MID	Q16	23.06	23.29	23.03	23.40
HIGH			Q16	23.07	23.32	22.86	23.40	
25		LOW	Q16	21.77	22.28	22.01	22.40	
		MID	Q16	21.95	22.20	22.06	22.40	
		HIGH	Q16	21.88	22.05	22.02	22.40	
50		LOW	Q16	21.93	22.11	21.92	22.40	
10		1	LOW	64QAM	21.83	22.05	22.07	22.40
			MID	64QAM	21.89	22.21	21.90	22.40
	HIGH		64QAM	22.08	22.27	21.77	22.40	
	25	LOW	64QAM	20.96	21.25	21.09	21.40	
		MID	64QAM	20.84	21.14	21.09	21.40	
		HIGH	64QAM	20.95	21.00	21.06	21.40	
	50	LOW	64QAM	20.96	20.97	20.98	21.40	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.99	24.28	24.03	24.40
MID			QPSK	23.99	24.23	24.02	24.40	
HIGH			QPSK	23.91	24.07	23.94	24.40	
36		LOW	QPSK	22.92	23.27	22.97	23.40	
		MID	QPSK	23.01	23.15	22.89	23.40	
		HIGH	QPSK	22.90	23.11	22.99	23.40	
75		LOW	QPSK	22.92	23.19	22.98	23.40	
15		1	LOW	Q16	22.98	23.24	22.95	23.40
			MID	Q16	22.91	23.39	22.94	23.40
	HIGH		Q16	23.01	23.29	23.00	23.40	
	36	LOW	Q16	21.91	22.16	21.97	22.40	
		MID	Q16	21.93	22.13	22.02	22.40	
		HIGH	Q16	21.90	22.05	21.95	22.40	
	75	LOW	Q16	21.88	22.06	21.94	22.40	
	15	1	LOW	64QAM	21.88	22.10	21.95	22.40
			MID	64QAM	21.80	22.26	21.80	22.40
HIGH			64QAM	21.97	22.19	21.87	22.40	
36		LOW	64QAM	20.87	21.27	21.08	21.40	
		MID	64QAM	20.81	21.26	20.99	21.40	
		HIGH	64QAM	20.97	20.93	20.93	21.40	
75		LOW	64QAM	20.82	20.91	20.86	21.40	

8.4.8 LTE Band26 Output Power

LTE B26-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.41	24.37	24.33	25.00
		MID	QPSK	24.37	24.36	24.43	25.00
		HIGH	QPSK	24.45	24.49	24.24	25.00
	3	LOW	QPSK	24.49	24.46	24.28	25.00
		MID	QPSK	24.49	24.37	24.37	25.00
		HIGH	QPSK	24.36	24.28	24.25	25.00
	6	LOW	QPSK	23.50	23.50	23.33	24.00
	1.4	LOW	Q16	23.34	23.76	23.33	24.00
		MID	Q16	23.40	23.71	23.44	24.00
		HIGH	Q16	23.22	23.02	23.42	24.00
		LOW	Q16	23.42	23.98	23.34	24.00
		MID	Q16	23.33	23.83	23.25	24.00
		HIGH	Q16	23.20	23.10	23.45	24.00
1.4	6	LOW	Q16	22.32	22.48	22.24	23.00
	1	LOW	64QAM	22.22	22.91	22.21	23.00
		MID	64QAM	22.55	22.78	22.49	23.00
		HIGH	64QAM	22.22	21.88	22.54	23.00
	3	LOW	64QAM	22.57	22.86	22.23	23.00
		MID	64QAM	22.22	22.81	22.10	23.00
		HIGH	64QAM	22.30	21.98	22.35	23.00
	6	LOW	64QAM	21.30	21.46	21.26	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	24.31	24.43	24.55	25.00
		MID	QPSK	24.32	24.45	24.26	25.00
		HIGH	QPSK	24.46	24.21	24.47	25.00
	8	LOW	QPSK	23.29	23.39	23.33	24.00
		MID	QPSK	23.49	23.31	23.45	24.00
		HIGH	QPSK	23.53	23.30	23.49	24.00
	15	LOW	QPSK	23.52	23.31	23.39	24.00
	3	LOW	Q16	23.22	23.82	23.32	24.00
		MID	Q16	23.50	23.93	23.31	24.00
		HIGH	Q16	23.16	23.06	23.42	24.00
		LOW	Q16	22.32	22.38	22.52	23.00
		MID	Q16	22.33	22.40	22.33	23.00
		HIGH	Q16	22.55	22.16	22.31	23.00
3	15	LOW	Q16	22.42	22.39	22.34	23.00
	1	LOW	64QAM	22.28	22.87	22.27	23.00
		MID	64QAM	22.47	22.77	22.43	23.00
		HIGH	64QAM	22.42	21.86	22.31	23.00
	8	LOW	64QAM	21.22	21.47	21.26	22.00
		MID	64QAM	21.12	21.37	21.16	22.00
		HIGH	64QAM	21.43	21.20	21.29	22.00
	15	LOW	64QAM	21.66	21.42	21.26	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.44	24.40	25.00
		MID	QPSK	24.52	24.41	24.29	25.00
		HIGH	QPSK	24.33	24.28	24.46	25.00
	12	LOW	QPSK	23.44	23.43	23.50	24.00
		MID	QPSK	23.30	23.45	23.23	24.00
		HIGH	QPSK	23.51	23.28	23.39	24.00
	25	LOW	QPSK	23.57	23.45	23.25	24.00
	5	LOW	Q16	23.30	23.73	23.38	24.00
		MID	Q16	23.41	23.99	23.52	24.00
		HIGH	Q16	23.22	23.13	23.25	24.00
		LOW	Q16	22.22	22.34	22.54	23.00
		MID	Q16	22.21	22.38	22.28	23.00
		HIGH	Q16	22.57	22.19	22.37	23.00
5	25	LOW	Q16	22.27	22.45	22.53	23.00
	1	LOW	64QAM	22.13	22.89	22.36	23.00
		MID	64QAM	22.58	22.87	22.46	23.00
		HIGH	64QAM	22.39	22.00	22.46	23.00
	12	LOW	64QAM	21.29	21.39	21.25	22.00
		MID	64QAM	21.16	21.36	21.21	22.00
		HIGH	64QAM	21.42	21.32	21.48	22.00
	25	LOW	64QAM	21.50	21.43	21.40	22.00

LTE B26-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	24.36	24.54	24.54	25.00	
		MID	QPSK	24.42	24.45	24.14	25.00	
		HIGH	QPSK	24.52	24.37	24.44	25.00	
	25	LOW	QPSK	23.18	23.52	23.47	24.00	
		MID	QPSK	23.49	23.47	23.43	24.00	
		HIGH	QPSK	23.52	23.44	23.31	24.00	
	50	LOW	QPSK	23.53	23.39	23.50	24.00	
	10	1	LOW	Q16	23.50	23.98	23.43	24.00
			MID	Q16	23.53	23.76	23.44	24.00
HIGH			Q16	23.27	23.26	23.42	24.00	
25		LOW	Q16	22.31	22.34	22.50	23.00	
		MID	Q16	22.22	22.32	22.25	23.00	
		HIGH	Q16	22.32	22.22	22.41	23.00	
50		LOW	Q16	22.53	22.49	22.52	23.00	
10		1	LOW	64QAM	22.21	22.94	22.09	23.00
			MID	64QAM	22.63	22.66	22.33	23.00
	HIGH		64QAM	22.45	21.89	22.40	23.00	
	25	LOW	64QAM	21.19	21.66	21.27	22.00	
		MID	64QAM	21.24	21.39	21.10	22.00	
		HIGH	64QAM	21.66	21.44	21.40	22.00	
	50	LOW	64QAM	21.66	21.14	21.18	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	24.44	24.48	24.40	25.00
MID			QPSK	24.40	24.33	24.29	25.00	
HIGH			QPSK	24.41	24.35	24.34	25.00	
36		LOW	QPSK	23.33	23.50	23.35	24.00	
		MID	QPSK	23.37	23.41	23.38	24.00	
		HIGH	QPSK	23.43	23.38	23.35	24.00	
75		LOW	QPSK	23.42	23.39	23.37	24.00	
15		1	LOW	Q16	23.37	23.85	23.35	24.00
			MID	Q16	23.43	23.86	23.40	24.00
	HIGH		Q16	23.31	23.12	23.35	24.00	
	36	LOW	Q16	22.30	22.40	22.40	23.00	
		MID	Q16	22.32	22.36	22.31	23.00	
		HIGH	Q16	22.43	22.29	22.38	23.00	
	75	LOW	Q16	22.40	22.35	22.39	23.00	
	15	1	LOW	64QAM	22.28	22.98	22.23	23.00
			MID	64QAM	22.49	22.76	22.38	23.00
HIGH			64QAM	22.41	22.00	22.38	23.00	
36		LOW	64QAM	21.34	21.52	21.36	22.00	
		MID	64QAM	21.26	21.28	21.19	22.00	
		HIGH	64QAM	21.56	21.30	21.38	22.00	
75		LOW	64QAM	21.51	21.28	21.27	22.00	

LTE B26-State1&State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.05	23.26	23.10	24.00
		MID	QPSK	23.22	23.06	23.33	24.00
		HIGH	QPSK	23.01	22.86	22.92	24.00
	3	LOW	QPSK	23.00	23.31	22.88	24.00
		MID	QPSK	23.06	23.13	23.28	24.00
		HIGH	QPSK	22.91	23.04	22.83	24.00
	6	LOW	QPSK	23.18	22.97	23.10	24.00
	1.4	LOW	Q16	23.73	23.12	23.31	24.00
		MID	Q16	23.78	23.53	22.94	24.00
		HIGH	Q16	23.40	22.92	22.71	24.00
		LOW	Q16	23.84	23.25	23.37	24.00
		MID	Q16	23.91	23.72	23.24	24.00
		HIGH	Q16	23.14	22.94	22.88	24.00
1.4	6	LOW	Q16	22.06	22.32	22.13	23.00
	1	LOW	64QAM	22.68	22.10	22.35	23.00
		MID	64QAM	22.66	22.62	22.00	23.00
		HIGH	64QAM	22.25	21.98	21.64	23.00
	3	LOW	64QAM	22.79	22.10	22.22	23.00
		MID	64QAM	22.82	22.87	22.13	23.00
		HIGH	64QAM	22.24	21.95	21.83	23.00
	6	LOW	64QAM	21.05	21.38	21.09	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	22.95	23.36	23.09	24.00
		MID	QPSK	23.18	22.94	23.16	24.00
		HIGH	QPSK	22.99	23.07	22.90	24.00
	8	LOW	QPSK	23.01	23.02	22.94	24.00
		MID	QPSK	23.12	23.17	23.05	24.00
		HIGH	QPSK	23.23	22.93	23.01	24.00
	15	LOW	QPSK	23.17	23.20	22.96	24.00
	3	LOW	Q16	23.62	23.21	23.39	24.00
		MID	Q16	23.65	23.74	22.95	24.00
		HIGH	Q16	23.18	23.05	22.66	24.00
		LOW	Q16	22.34	22.21	21.93	23.00
		MID	Q16	22.09	22.32	22.14	23.00
		HIGH	Q16	21.90	21.84	22.12	23.00
3	15	LOW	Q16	22.09	22.28	22.12	23.00
	1	LOW	64QAM	22.63	22.09	22.44	23.00
		MID	64QAM	22.63	22.71	22.04	23.00
		HIGH	64QAM	22.31	21.97	21.63	23.00
	8	LOW	64QAM	21.06	21.42	20.96	22.00
		MID	64QAM	21.14	21.17	21.06	22.00
		HIGH	64QAM	21.25	21.11	21.06	22.00
	15	LOW	64QAM	21.20	21.20	20.97	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.07	23.37	22.90	24.00
		MID	QPSK	23.24	22.99	23.18	24.00
		HIGH	QPSK	22.91	23.00	22.88	24.00
	12	LOW	QPSK	23.03	23.19	23.02	24.00
		MID	QPSK	23.15	22.99	23.10	24.00
		HIGH	QPSK	23.08	22.89	23.00	24.00
	25	LOW	QPSK	23.09	23.03	22.97	24.00
	5	LOW	Q16	23.65	23.07	23.22	24.00
		MID	Q16	23.87	23.74	23.09	24.00
		HIGH	Q16	23.25	23.03	22.83	24.00
		LOW	Q16	22.23	22.36	22.08	23.00
		MID	Q16	22.32	22.05	22.29	23.00
		HIGH	Q16	21.91	21.82	22.20	23.00
5	25	LOW	Q16	22.20	22.19	22.19	23.00
	1	LOW	64QAM	22.61	22.07	22.46	23.00
		MID	64QAM	22.77	22.73	22.06	23.00
		HIGH	64QAM	22.19	22.02	21.74	23.00
	12	LOW	64QAM	21.09	21.22	20.90	22.00
		MID	64QAM	21.01	21.08	21.13	22.00
		HIGH	64QAM	21.02	21.08	21.20	22.00
	25	LOW	64QAM	21.19	21.26	21.11	22.00

LTE B26-State1&State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	22.95	23.51	23.03	24.00
		MID	QPSK	23.04	23.09	23.16	24.00
		HIGH	QPSK	22.82	22.84	22.82	24.00
	25	LOW	QPSK	23.14	23.05	22.92	24.00
		MID	QPSK	23.02	23.27	22.95	24.00
		HIGH	QPSK	23.01	23.09	22.94	24.00
	50	LOW	QPSK	23.17	22.99	22.90	24.00
10	1	LOW	Q16	23.65	23.08	23.36	24.00
		MID	Q16	23.75	23.61	22.97	24.00
		HIGH	Q16	23.42	23.05	22.86	24.00
	25	LOW	Q16	22.35	22.35	21.93	23.00
		MID	Q16	22.24	22.23	22.30	23.00
		HIGH	Q16	21.92	21.86	22.00	23.00
	50	LOW	Q16	22.10	22.21	22.15	23.00
10	1	LOW	64QAM	22.66	22.16	22.42	23.00
		MID	64QAM	22.85	22.67	22.14	23.00
		HIGH	64QAM	22.32	22.02	21.87	23.00
	25	LOW	64QAM	21.11	21.21	20.83	22.00
		MID	64QAM	21.19	21.18	21.17	22.00
		HIGH	64QAM	21.10	21.13	21.05	22.00
	50	LOW	64QAM	21.23	21.32	21.01	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.01	23.36	23.03	24.00
		MID	QPSK	23.11	23.07	23.20	24.00
		HIGH	QPSK	22.93	22.98	22.88	24.00
	36	LOW	QPSK	23.05	23.08	23.01	24.00
		MID	QPSK	23.01	23.02	23.06	24.00
		HIGH	QPSK	23.02	23.00	22.99	24.00
	75	LOW	QPSK	23.15	23.06	22.96	24.00
15	1	LOW	Q16	23.73	23.15	23.33	24.00
		MID	Q16	23.78	23.67	23.09	24.00
		HIGH	Q16	23.29	22.96	22.78	24.00
	36	LOW	Q16	22.27	22.22	22.03	23.00
		MID	Q16	22.21	22.18	22.21	23.00
		HIGH	Q16	22.04	21.91	22.12	23.00
	75	LOW	Q16	22.17	22.27	22.11	23.00
15	1	LOW	64QAM	22.64	22.12	22.41	23.00
		MID	64QAM	22.78	22.69	22.16	23.00
		HIGH	64QAM	22.21	21.96	21.74	23.00
	36	LOW	64QAM	21.18	21.33	20.92	22.00
		MID	64QAM	21.10	21.09	21.08	22.00
		HIGH	64QAM	21.11	21.02	21.13	22.00
	75	LOW	64QAM	21.31	21.26	20.99	22.00

LTE B26-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.58	21.58	21.39	22.50
		MID	QPSK	21.76	21.81	21.64	22.50
		HIGH	QPSK	21.66	21.50	21.19	22.50
	3	LOW	QPSK	21.44	21.59	21.48	22.50
		MID	QPSK	21.64	21.68	21.51	22.50
		HIGH	QPSK	21.59	21.52	21.37	22.50
	6	LOW	QPSK	21.52	21.54	21.74	22.50
	1.4	LOW	Q16	21.72	21.62	22.17	22.50
		MID	Q16	22.03	21.84	22.36	22.50
		HIGH	Q16	21.67	20.96	22.15	22.50
		LOW	Q16	21.69	21.92	22.20	22.50
		MID	Q16	21.82	21.76	22.33	22.50
		HIGH	Q16	21.65	21.04	22.20	22.50
1.4	6	LOW	Q16	21.81	21.82	21.72	22.50
	1	LOW	64QAM	21.83	21.68	22.08	22.50
		MID	64QAM	22.10	21.86	22.48	22.50
		HIGH	64QAM	21.64	20.92	22.26	22.50
	3	LOW	64QAM	21.74	21.85	22.13	22.50
		MID	64QAM	21.88	21.77	22.35	22.50
		HIGH	64QAM	21.63	20.90	22.21	22.50
	6	LOW	64QAM	21.26	21.37	21.15	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	21.74	21.57	21.54	22.50
		MID	QPSK	21.84	21.89	21.71	22.50
		HIGH	QPSK	21.58	21.46	21.42	22.50
	8	LOW	QPSK	21.79	21.75	21.45	22.50
		MID	QPSK	21.63	21.59	21.63	22.50
		HIGH	QPSK	21.52	21.55	21.51	22.50
	15	LOW	QPSK	21.53	21.52	21.53	22.50
	3	LOW	Q16	21.92	21.65	22.22	22.50
		MID	Q16	21.76	21.76	22.34	22.50
		HIGH	Q16	21.74	20.96	22.22	22.50
		LOW	Q16	21.62	21.72	21.49	22.50
		MID	Q16	21.61	21.81	21.62	22.50
		HIGH	Q16	21.72	21.65	21.42	22.50
3	15	LOW	Q16	21.76	21.69	21.51	22.50
	1	LOW	64QAM	21.79	21.98	22.34	22.50
		MID	64QAM	22.16	21.73	22.17	22.50
		HIGH	64QAM	21.85	21.09	22.16	22.50
	8	LOW	64QAM	21.08	21.27	21.19	22.00
		MID	64QAM	21.33	21.28	20.96	22.00
		HIGH	64QAM	21.36	21.19	21.10	22.00
	15	LOW	64QAM	21.22	21.05	21.12	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	21.68	21.48	21.64	22.50
		MID	QPSK	21.78	21.70	21.67	22.50
		HIGH	QPSK	21.64	21.57	21.24	22.50
	12	LOW	QPSK	21.63	21.74	21.74	22.50
		MID	QPSK	21.64	21.65	21.64	22.50
		HIGH	QPSK	21.60	21.55	21.62	22.50
	25	LOW	QPSK	21.78	21.76	21.55	22.50
	5	LOW	Q16	21.83	21.90	22.22	22.50
		MID	Q16	21.92	21.92	22.28	22.50
		HIGH	Q16	21.51	21.20	21.94	22.50
		LOW	Q16	21.57	21.78	21.41	22.50
		MID	Q16	21.56	21.58	21.59	22.50
		HIGH	Q16	21.55	21.72	21.51	22.50
5	25	LOW	Q16	21.65	21.69	21.56	22.50
	1	LOW	64QAM	21.82	21.85	22.27	22.50
		MID	64QAM	21.94	21.72	22.28	22.50
		HIGH	64QAM	21.74	20.97	21.99	22.50
	12	LOW	64QAM	21.17	21.20	21.03	22.00
		MID	64QAM	21.22	21.16	21.18	22.00
		HIGH	64QAM	21.30	21.17	20.91	22.00
	25	LOW	64QAM	21.27	20.98	20.92	22.00

LTE B26-State3 -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	21.66	21.67	21.42	22.50	
		MID	QPSK	21.71	21.74	21.46	22.50	
		HIGH	QPSK	21.66	21.44	21.30	22.50	
	25	LOW	QPSK	21.66	21.81	21.50	22.50	
		MID	QPSK	21.63	21.59	21.52	22.50	
		HIGH	QPSK	21.56	21.65	21.52	22.50	
	50	LOW	QPSK	21.52	21.51	21.73	22.50	
	10	1	LOW	Q16	21.72	21.82	22.18	22.50
			MID	Q16	21.76	21.66	22.27	22.50
HIGH			Q16	21.75	21.19	22.16	22.50	
25		LOW	Q16	21.69	21.72	21.42	22.50	
		MID	Q16	21.80	21.85	21.60	22.50	
		HIGH	Q16	21.56	21.66	21.61	22.50	
50		LOW	Q16	21.67	21.85	21.50	22.50	
10		1	LOW	64QAM	22.00	21.81	22.16	22.50
			MID	64QAM	21.97	21.72	22.26	22.50
	HIGH		64QAM	21.87	21.06	22.20	22.50	
	25	LOW	64QAM	21.17	21.18	21.00	22.00	
		MID	64QAM	21.43	21.13	21.20	22.00	
		HIGH	64QAM	21.33	21.12	20.97	22.00	
	50	LOW	64QAM	21.16	21.20	20.93	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	21.49	21.52	21.42	22.50
MID			QPSK	21.49	21.45	21.51	22.50	
HIGH			QPSK	21.52	21.46	21.31	22.50	
36		LOW	QPSK	21.67	21.68	21.60	22.50	
		MID	QPSK	21.66	21.67	21.58	22.50	
		HIGH	QPSK	21.64	21.58	21.58	22.50	
75		LOW	QPSK	21.65	21.63	21.60	22.50	
15		1	LOW	Q16	21.83	21.77	22.23	22.50
			MID	Q16	21.91	21.77	22.41	22.50
	HIGH		Q16	21.60	21.05	22.09	22.50	
	36	LOW	Q16	21.64	21.77	21.48	22.50	
		MID	Q16	21.71	21.70	21.56	22.50	
		HIGH	Q16	21.59	21.57	21.54	22.50	
	75	LOW	Q16	21.67	21.71	21.60	22.50	
	15	1	LOW	64QAM	21.85	21.89	22.31	22.50
			MID	64QAM	22.02	21.62	22.27	22.50
HIGH			64QAM	21.75	21.10	22.14	22.50	
36		LOW	64QAM	21.14	21.31	21.06	22.00	
		MID	64QAM	21.32	21.18	21.05	22.00	
		HIGH	64QAM	21.22	21.11	21.05	22.00	
75		LOW	64QAM	21.26	21.10	21.06	22.00	

LTE B26-State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.59	22.38	22.48	23.50
		MID	QPSK	22.58	22.51	22.41	23.50
		HIGH	QPSK	22.56	22.18	22.41	23.50
	3	LOW	QPSK	22.57	22.46	22.46	23.50
		MID	QPSK	22.57	22.55	22.68	23.50
		HIGH	QPSK	22.59	22.33	22.29	23.50
	6	LOW	QPSK	22.61	22.55	22.55	23.50
	1.4	LOW	Q16	22.75	23.29	22.67	23.50
		MID	Q16	22.84	23.30	23.22	23.50
		HIGH	Q16	21.95	23.06	22.19	23.50
		LOW	Q16	22.68	23.34	22.53	23.50
		MID	Q16	22.56	23.32	23.05	23.50
		HIGH	Q16	21.99	23.16	22.33	23.50
1.4	6	LOW	Q16	22.07	22.03	21.88	23.00
	1	LOW	64QAM	22.14	22.77	22.09	23.00
		MID	64QAM	22.20	22.83	22.75	23.00
		HIGH	64QAM	21.33	22.67	21.71	23.00
	3	LOW	64QAM	22.24	22.84	22.08	23.00
		MID	64QAM	22.02	22.68	22.47	23.00
		HIGH	64QAM	21.57	22.72	21.75	23.00
	6	LOW	64QAM	21.15	21.00	20.99	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	22.39	22.38	22.54	23.50
		MID	QPSK	22.73	22.41	22.59	23.50
		HIGH	QPSK	22.48	22.32	22.46	23.50
	8	LOW	QPSK	22.70	22.46	22.48	23.50
		MID	QPSK	22.65	22.60	22.72	23.50
		HIGH	QPSK	22.56	22.44	22.60	23.50
	15	LOW	QPSK	22.45	22.74	22.49	23.50
	3	LOW	Q16	22.80	23.17	22.56	23.50
		MID	Q16	22.58	23.44	23.32	23.50
		HIGH	Q16	21.99	23.11	22.15	23.50
		LOW	Q16	22.10	22.11	22.19	23.00
		MID	Q16	22.16	22.14	21.99	23.00
		HIGH	Q16	22.09	22.10	22.08	23.00
3	15	LOW	Q16	22.08	21.93	21.96	23.00
	1	LOW	64QAM	22.45	22.67	22.13	23.00
		MID	64QAM	21.98	22.90	22.87	23.00
		HIGH	64QAM	21.70	22.61	21.69	23.00
	8	LOW	64QAM	21.09	21.17	21.22	22.00
		MID	64QAM	21.15	21.18	21.08	22.00
		HIGH	64QAM	21.14	21.08	21.22	22.00
	15	LOW	64QAM	21.10	21.06	20.87	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	22.52	22.62	22.47	23.50
		MID	QPSK	22.79	22.55	22.66	23.50
		HIGH	QPSK	22.36	22.31	22.41	23.50
	12	LOW	QPSK	22.64	22.57	22.42	23.50
		MID	QPSK	22.79	22.53	22.54	23.50
		HIGH	QPSK	22.63	22.51	22.39	23.50
	25	LOW	QPSK	22.58	22.51	22.38	23.50
	5	LOW	Q16	22.82	23.33	22.49	23.50
		MID	Q16	22.56	23.34	23.09	23.50
		HIGH	Q16	21.90	23.18	22.15	23.50
		LOW	Q16	22.10	22.24	21.94	23.00
		MID	Q16	22.38	22.00	22.13	23.00
		HIGH	Q16	22.10	21.97	22.10	23.00
5	25	LOW	Q16	22.09	22.16	22.11	23.00
	1	LOW	64QAM	22.25	22.97	22.03	23.00
		MID	64QAM	22.14	22.94	22.74	23.00
		HIGH	64QAM	21.37	22.45	21.65	23.00
	12	LOW	64QAM	21.19	21.36	20.92	22.00
		MID	64QAM	21.37	21.21	20.89	22.00
		HIGH	64QAM	21.04	21.03	20.91	22.00
	25	LOW	64QAM	20.98	21.13	20.99	22.00

LTE B26-State4 -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	22.44	22.58	22.37	23.50	
		MID	QPSK	22.63	22.41	22.51	23.50	
		HIGH	QPSK	22.36	22.23	22.21	23.50	
	25	LOW	QPSK	22.72	22.43	22.42	23.50	
		MID	QPSK	22.63	22.45	22.51	23.50	
		HIGH	QPSK	22.68	22.50	22.43	23.50	
	50	LOW	QPSK	22.49	22.60	22.53	23.50	
	10	1	LOW	Q16	22.70	23.29	22.65	23.50
			MID	Q16	22.77	23.40	23.21	23.50
HIGH			Q16	22.16	23.04	22.22	23.50	
25		LOW	Q16	22.22	22.20	22.15	23.00	
		MID	Q16	22.20	22.07	22.16	23.00	
		HIGH	Q16	22.03	21.88	22.08	23.00	
50		LOW	Q16	22.25	22.19	21.92	23.00	
10		1	LOW	64QAM	22.21	22.76	21.85	23.00
			MID	64QAM	22.21	22.69	22.77	23.00
	HIGH		64QAM	21.51	22.90	21.91	23.00	
	25	LOW	64QAM	20.93	21.27	21.31	22.00	
		MID	64QAM	21.29	21.13	20.99	22.00	
		HIGH	64QAM	21.10	20.87	21.07	22.00	
	50	LOW	64QAM	21.04	20.91	20.98	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	22.44	22.47	22.43	23.50
MID			QPSK	22.41	22.45	22.43	23.50	
HIGH			QPSK	22.46	22.33	22.31	23.50	
36		LOW	QPSK	22.50	22.54	22.53	23.50	
		MID	QPSK	22.54	22.52	22.46	23.50	
		HIGH	QPSK	22.51	22.54	22.51	23.50	
75		LOW	QPSK	22.59	22.60	22.49	23.50	
15		1	LOW	Q16	22.76	23.22	22.53	23.50
			MID	Q16	22.70	23.35	23.20	23.50
	HIGH		Q16	22.03	23.19	22.28	23.50	
	36	LOW	Q16	22.10	22.20	22.07	23.00	
		MID	Q16	22.26	22.08	22.05	23.00	
		HIGH	Q16	22.12	21.96	21.97	23.00	
	75	LOW	Q16	22.19	22.06	21.98	23.00	
	15	1	LOW	64QAM	22.31	22.77	22.09	23.00
			MID	64QAM	22.13	22.73	22.66	23.00
HIGH			64QAM	21.59	22.66	21.64	23.00	
36		LOW	64QAM	20.99	21.24	21.06	22.00	
		MID	64QAM	21.20	21.08	20.91	22.00	
		HIGH	64QAM	21.27	21.09	21.08	22.00	
75		LOW	64QAM	21.08	20.92	20.95	22.00	

8.4.9 LTE Band66 Output Power

LTE B66-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.35	24.88	24.21	25.00
		MID	QPSK	24.66	24.60	24.75	25.00
		HIGH	QPSK	24.51	24.66	24.28	25.00
	3	LOW	QPSK	24.53	24.89	24.21	25.00
		MID	QPSK	24.58	24.73	24.56	25.00
		HIGH	QPSK	24.49	24.51	24.18	25.00
	6	LOW	QPSK	23.75	23.88	23.50	24.00
	1.4	LOW	Q16	23.91	23.61	23.62	24.00
		MID	Q16	23.47	23.58	23.99	24.00
		HIGH	Q16	23.28	23.24	23.06	24.00
	3	LOW	Q16	23.84	23.83	23.65	24.00
		MID	Q16	23.44	23.61	23.85	24.00
		HIGH	Q16	23.46	23.64	23.29	24.00
	6	LOW	Q16	22.76	22.74	22.59	23.00
1.4	1	LOW	64QAM	22.81	22.60	22.52	23.00
		MID	64QAM	22.53	22.50	22.97	23.00
		HIGH	64QAM	22.29	22.21	21.91	23.00
	3	LOW	64QAM	22.98	22.77	22.58	23.00
		MID	64QAM	22.37	22.73	22.99	23.00
		HIGH	64QAM	22.42	22.78	22.38	23.00
	6	LOW	64QAM	21.78	21.59	21.50	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.46	24.85	24.19	25.00
		MID	QPSK	24.84	24.84	24.62	25.00
		HIGH	QPSK	24.27	24.58	24.42	25.00
	8	LOW	QPSK	23.77	23.98	23.52	24.00
		MID	QPSK	23.99	23.79	23.77	24.00
		HIGH	QPSK	23.79	23.81	23.37	24.00
	15	LOW	QPSK	23.77	23.85	23.39	24.00
	3	LOW	Q16	23.81	23.56	23.70	24.00
		MID	Q16	23.71	23.74	23.85	24.00
		HIGH	Q16	23.38	23.45	23.24	24.00
	8	LOW	Q16	22.77	22.63	22.48	23.00
		MID	Q16	22.91	22.96	22.63	23.00
		HIGH	Q16	22.76	22.79	22.55	23.00
	15	LOW	Q16	22.88	22.71	22.79	23.00
3	1	LOW	64QAM	22.91	22.70	22.75	23.00
		MID	64QAM	22.59	22.47	22.81	23.00
		HIGH	64QAM	22.32	22.20	22.18	23.00
	8	LOW	64QAM	21.58	21.94	21.84	22.00
		MID	64QAM	21.96	21.76	21.64	22.00
		HIGH	64QAM	21.85	21.84	21.46	22.00
	15	LOW	64QAM	21.89	21.88	21.39	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.37	24.70	24.36	25.00
		MID	QPSK	24.68	24.63	24.62	25.00
		HIGH	QPSK	24.26	24.68	24.40	25.00
	12	LOW	QPSK	23.77	23.91	23.57	24.00
		MID	QPSK	23.99	23.67	23.58	24.00
		HIGH	QPSK	23.87	23.60	23.67	24.00
	25	LOW	QPSK	23.71	23.68	23.63	24.00
	5	LOW	Q16	23.96	23.78	23.54	24.00
		MID	Q16	23.60	23.72	23.96	24.00
		HIGH	Q16	23.38	23.21	23.08	24.00
	12	LOW	Q16	22.68	22.65	22.57	23.00
		MID	Q16	22.85	22.89	22.56	23.00
		HIGH	Q16	22.93	22.63	22.60	23.00
	25	LOW	Q16	22.75	22.73	22.59	23.00
5	1	LOW	64QAM	22.92	22.42	22.68	23.00
		MID	64QAM	22.58	22.67	22.93	23.00
		HIGH	64QAM	22.44	22.23	22.41	23.00
	12	LOW	64QAM	21.69	21.93	21.77	22.00
		MID	64QAM	21.94	21.76	21.46	22.00
		HIGH	64QAM	21.86	21.79	21.61	22.00
	25	LOW	64QAM	21.85	21.60	21.41	22.00

LTE B66-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.51	24.80	24.35	25.00
		MID	QPSK	24.62	24.64	24.73	25.00
		HIGH	QPSK	24.37	24.44	24.18	25.00
	25	LOW	QPSK	23.74	23.78	23.48	24.00
		MID	QPSK	23.84	23.84	23.81	24.00
		HIGH	QPSK	23.69	23.80	23.45	24.00
	50	LOW	QPSK	24.00	23.73	23.42	24.00
10	1	LOW	Q16	23.94	23.81	23.62	24.00
		MID	Q16	23.71	23.53	23.92	24.00
		HIGH	Q16	23.35	23.39	23.20	24.00
	25	LOW	Q16	22.90	22.62	22.47	23.00
		MID	Q16	22.88	22.93	22.62	23.00
		HIGH	Q16	22.98	22.49	22.47	23.00
	50	LOW	Q16	22.99	22.82	22.62	23.00
10	1	LOW	64QAM	22.81	22.66	22.65	23.00
		MID	64QAM	22.76	22.61	22.86	23.00
		HIGH	64QAM	22.45	22.08	22.39	23.00
	25	LOW	64QAM	21.49	21.71	21.77	22.00
		MID	64QAM	21.89	21.91	21.60	22.00
		HIGH	64QAM	21.80	21.76	21.72	22.00
	50	LOW	64QAM	21.77	21.76	21.66	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.43	24.65	24.30	25.00
		MID	QPSK	24.67	24.71	24.77	25.00
		HIGH	QPSK	24.33	24.45	24.40	25.00
	36	LOW	QPSK	23.76	23.93	23.76	24.00
		MID	QPSK	23.87	23.94	23.78	24.00
		HIGH	QPSK	23.62	23.78	23.61	24.00
	75	LOW	QPSK	23.89	23.64	23.48	24.00
15	1	LOW	Q16	23.90	23.59	23.76	24.00
		MID	Q16	23.70	23.60	23.76	24.00
		HIGH	Q16	23.27	23.47	23.15	24.00
	36	LOW	Q16	22.78	22.59	22.55	23.00
		MID	Q16	22.78	22.83	22.60	23.00
		HIGH	Q16	22.78	22.67	22.47	23.00
	75	LOW	Q16	22.86	22.84	22.56	23.00
15	1	LOW	64QAM	22.85	22.65	22.55	23.00
		MID	64QAM	22.79	22.60	22.84	23.00
		HIGH	64QAM	22.45	22.15	22.42	23.00
	36	LOW	64QAM	21.49	21.68	21.77	22.00
		MID	64QAM	21.95	21.81	21.49	22.00
		HIGH	64QAM	21.83	21.76	21.58	22.00
	75	LOW	64QAM	21.88	21.80	21.58	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.39	24.80	24.33	25.00
		MID	QPSK	24.71	24.71	24.65	25.00
		HIGH	QPSK	24.36	24.59	24.33	25.00
	50	LOW	QPSK	23.75	23.90	23.62	24.00
		MID	QPSK	23.97	23.81	23.66	24.00
		HIGH	QPSK	23.77	23.68	23.52	24.00
	100	LOW	QPSK	23.85	23.78	23.54	24.00
20	1	LOW	Q16	23.96	23.71	23.69	24.00
		MID	Q16	23.56	23.65	23.84	24.00
		HIGH	Q16	23.42	23.35	23.21	24.00
	50	LOW	Q16	22.77	22.68	22.59	23.00
		MID	Q16	22.85	22.97	22.65	23.00
		HIGH	Q16	22.88	22.64	22.52	23.00
	100	LOW	Q16	22.84	22.84	22.66	23.00
20	1	LOW	64QAM	22.94	22.57	22.61	23.00
		MID	64QAM	22.71	22.55	22.95	23.00
		HIGH	64QAM	22.38	22.23	22.28	23.00
	50	LOW	64QAM	21.64	21.83	21.69	22.00
		MID	64QAM	21.99	21.89	21.52	22.00
		HIGH	64QAM	21.89	21.70	21.61	22.00
	100	LOW	64QAM	21.90	21.73	21.54	22.00

LTE B66-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.95	21.35	21.16	21.50
		MID	QPSK	21.49	21.46	21.38	21.50
		HIGH	QPSK	21.27	21.34	21.35	21.50
	3	LOW	QPSK	20.94	21.50	20.98	21.50
		MID	QPSK	21.46	21.39	21.38	21.50
		HIGH	QPSK	21.40	21.39	21.38	21.50
	6	LOW	QPSK	21.38	21.43	21.26	21.50
1.4	1	LOW	Q16	21.45	21.42	21.19	21.50
		MID	Q16	21.49	21.48	21.05	21.50
		HIGH	Q16	20.87	21.18	20.84	21.50
	3	LOW	Q16	21.35	21.34	21.10	21.50
		MID	Q16	21.47	21.46	21.10	21.50
		HIGH	Q16	20.77	21.39	20.96	21.50
	6	LOW	Q16	21.33	21.45	21.07	21.50
1.4	1	LOW	64QAM	21.35	21.50	21.10	21.50
		MID	64QAM	21.39	21.50	21.13	21.50
		HIGH	64QAM	20.80	21.26	20.71	21.50
	3	LOW	64QAM	21.46	21.33	21.20	21.50
		MID	64QAM	21.34	21.50	21.28	21.50
		HIGH	64QAM	20.83	21.36	20.77	21.50
	6	LOW	64QAM	21.47	21.50	20.91	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.96	21.30	21.00	21.50
		MID	QPSK	21.35	21.37	21.49	21.50
		HIGH	QPSK	21.21	21.38	21.44	21.50
	8	LOW	QPSK	21.42	21.43	21.41	21.50
		MID	QPSK	21.22	21.45	21.37	21.50
		HIGH	QPSK	21.25	21.40	21.13	21.50
	15	LOW	QPSK	21.43	21.43	21.20	21.50
3	1	LOW	Q16	21.42	21.33	20.98	21.50
		MID	Q16	21.44	21.33	21.25	21.50
		HIGH	Q16	20.90	21.00	20.89	21.50
	8	LOW	Q16	21.48	21.44	21.29	21.50
		MID	Q16	21.28	21.50	21.23	21.50
		HIGH	Q16	21.28	21.43	21.17	21.50
	15	LOW	Q16	21.27	21.31	21.17	21.50
3	1	LOW	64QAM	21.47	21.44	21.21	21.50
		MID	64QAM	21.30	21.47	21.25	21.50
		HIGH	64QAM	20.88	21.20	20.77	21.50
	8	LOW	64QAM	21.40	21.50	21.30	21.50
		MID	64QAM	21.28	21.43	21.03	21.50
		HIGH	64QAM	21.38	21.47	20.97	21.50
	15	LOW	64QAM	21.34	21.36	21.12	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.03	21.31	21.01	21.50
		MID	QPSK	21.36	21.38	21.40	21.50
		HIGH	QPSK	21.24	21.42	21.29	21.50
	12	LOW	QPSK	21.20	21.48	21.20	21.50
		MID	QPSK	21.25	21.35	21.24	21.50
		HIGH	QPSK	21.40	21.25	21.29	21.50
	25	LOW	QPSK	21.42	21.48	21.30	21.50
5	1	LOW	Q16	21.50	21.45	21.16	21.50
		MID	Q16	21.44	21.42	21.32	21.50
		HIGH	Q16	20.91	21.09	20.82	21.50
	12	LOW	Q16	21.31	21.34	21.24	21.50
		MID	Q16	21.30	21.34	20.95	21.50
		HIGH	Q16	21.28	21.37	21.17	21.50
	25	LOW	Q16	21.33	21.43	21.16	21.50
5	1	LOW	64QAM	21.30	21.31	21.03	21.50
		MID	64QAM	21.35	21.41	21.31	21.50
		HIGH	64QAM	20.83	21.25	20.70	21.50
	12	LOW	64QAM	21.50	21.47	21.17	21.50
		MID	64QAM	21.27	21.18	20.89	21.50
		HIGH	64QAM	21.16	21.38	20.79	21.50
	25	LOW	64QAM	21.36	21.49	21.04	21.50

LTE B66-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.94	21.35	21.02	21.50
		MID	QPSK	21.38	21.42	21.41	21.50
		HIGH	QPSK	21.42	21.48	21.33	21.50
	25	LOW	QPSK	21.34	21.43	21.35	21.50
		MID	QPSK	21.18	21.50	21.40	21.50
		HIGH	QPSK	21.47	21.40	21.06	21.50
	50	LOW	QPSK	21.48	21.50	21.34	21.50
10	1	LOW	Q16	21.50	21.34	20.98	21.50
		MID	Q16	21.46	21.43	21.28	21.50
		HIGH	Q16	20.93	21.19	21.02	21.50
	25	LOW	Q16	21.44	21.48	21.06	21.50
		MID	Q16	21.42	21.37	20.97	21.50
		HIGH	Q16	21.45	21.44	21.08	21.50
	50	LOW	Q16	21.25	21.46	21.17	21.50
10	1	LOW	64QAM	21.37	21.45	21.18	21.50
		MID	64QAM	21.28	21.43	21.30	21.50
		HIGH	64QAM	20.82	21.15	20.71	21.50
	25	LOW	64QAM	21.47	21.50	21.14	21.50
		MID	64QAM	21.42	21.46	20.98	21.50
		HIGH	64QAM	21.40	21.35	20.80	21.50
	50	LOW	64QAM	21.42	21.44	21.00	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.02	21.44	21.12	21.50
		MID	QPSK	21.44	21.32	21.45	21.50
		HIGH	QPSK	21.28	21.33	21.26	21.50
	36	LOW	QPSK	21.32	21.40	21.17	21.50
		MID	QPSK	21.36	21.46	21.15	21.50
		HIGH	QPSK	21.31	21.27	21.05	21.50
	75	LOW	QPSK	21.41	21.32	21.13	21.50
15	1	LOW	Q16	21.45	21.32	21.13	21.50
		MID	Q16	21.48	21.48	21.13	21.50
		HIGH	Q16	20.74	20.99	20.79	21.50
	36	LOW	Q16	21.50	21.33	21.19	21.50
		MID	Q16	21.23	21.31	21.00	21.50
		HIGH	Q16	21.19	21.44	21.11	21.50
	75	LOW	Q16	21.31	21.46	21.03	21.50
15	1	LOW	64QAM	21.36	21.39	21.12	21.50
		MID	64QAM	21.44	21.50	21.37	21.50
		HIGH	64QAM	20.93	21.11	20.85	21.50
	36	LOW	64QAM	21.42	21.41	21.26	21.50
		MID	64QAM	21.49	21.35	20.95	21.50
		HIGH	64QAM	21.33	21.39	20.96	21.50
	75	LOW	64QAM	21.46	21.48	21.12	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.89	21.43	21.13	21.50
		MID	QPSK	21.35	21.41	21.39	21.50
		HIGH	QPSK	21.27	21.40	21.32	21.50
	50	LOW	QPSK	21.34	21.46	21.29	21.50
		MID	QPSK	21.33	21.43	21.25	21.50
		HIGH	QPSK	21.33	21.39	21.19	21.50
	100	LOW	QPSK	21.34	21.44	21.19	21.50
20	1	LOW	Q16	21.49	21.47	21.09	21.50
		MID	Q16	21.48	21.47	21.18	21.50
		HIGH	Q16	20.82	21.08	20.89	21.50
	50	LOW	Q16	21.42	21.43	21.14	21.50
		MID	Q16	21.33	21.44	21.10	21.50
		HIGH	Q16	21.33	21.49	21.06	21.50
	100	LOW	Q16	21.35	21.42	21.09	21.50
20	1	LOW	64QAM	21.40	21.45	21.09	21.50
		MID	64QAM	21.38	21.49	21.28	21.50
		HIGH	64QAM	20.85	21.13	20.81	21.50
	50	LOW	64QAM	21.45	21.49	21.24	21.50
		MID	64QAM	21.38	21.31	20.98	21.50
		HIGH	64QAM	21.26	21.48	20.93	21.50
	100	LOW	64QAM	21.34	21.45	21.05	21.50

LTE B66-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.29	16.94	16.42	17.00
		MID	QPSK	16.91	16.85	16.91	17.00
		HIGH	QPSK	16.63	16.60	16.62	17.00
	3	LOW	QPSK	16.21	16.74	16.53	17.00
		MID	QPSK	17.00	16.81	16.94	17.00
		HIGH	QPSK	16.60	16.58	16.42	17.00
	6	LOW	QPSK	16.75	16.87	16.70	17.00
	1.4	LOW	Q16	16.50	16.45	16.51	17.00
		MID	Q16	16.80	16.80	16.87	17.00
		HIGH	Q16	16.85	15.99	16.18	17.00
		LOW	Q16	16.54	16.49	16.30	17.00
		MID	Q16	16.86	16.65	16.82	17.00
		HIGH	Q16	16.78	16.54	16.40	17.00
1.4	6	LOW	Q16	16.85	16.81	16.88	17.00
	1	LOW	64QAM	16.42	16.31	16.52	17.00
		MID	64QAM	16.81	16.77	16.74	17.00
		HIGH	64QAM	16.99	16.12	16.15	17.00
	3	LOW	64QAM	16.41	16.34	16.42	17.00
		MID	64QAM	16.99	16.65	16.85	17.00
		HIGH	64QAM	16.83	16.50	16.44	17.00
	6	LOW	64QAM	16.79	16.72	16.94	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	16.29	16.97	16.64	17.00
		MID	QPSK	16.96	16.96	17.00	17.00
		HIGH	QPSK	16.48	16.54	16.55	17.00
	8	LOW	QPSK	16.74	16.75	16.62	17.00
		MID	QPSK	16.86	16.85	16.51	17.00
		HIGH	QPSK	16.73	16.96	16.47	17.00
	15	LOW	QPSK	16.67	16.72	16.44	17.00
	3	LOW	Q16	16.47	16.33	16.60	17.00
		MID	Q16	16.90	16.83	16.99	17.00
		HIGH	Q16	16.87	15.95	16.25	17.00
		LOW	Q16	16.56	16.70	16.56	17.00
		MID	Q16	16.87	16.62	16.36	17.00
		HIGH	Q16	16.97	16.65	16.59	17.00
3	15	LOW	Q16	16.63	16.76	16.65	17.00
	1	LOW	64QAM	16.40	16.36	16.38	17.00
		MID	64QAM	16.75	16.53	16.97	17.00
		HIGH	64QAM	16.89	16.23	16.23	17.00
	8	LOW	64QAM	16.68	16.76	16.66	17.00
		MID	64QAM	16.92	16.50	16.57	17.00
		HIGH	64QAM	16.84	16.81	16.40	17.00
	15	LOW	64QAM	16.99	16.88	16.82	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	16.18	16.70	16.64	17.00
		MID	QPSK	16.89	16.86	16.87	17.00
		HIGH	QPSK	16.48	16.74	16.50	17.00
	12	LOW	QPSK	16.77	16.75	16.67	17.00
		MID	QPSK	16.78	16.71	16.63	17.00
		HIGH	QPSK	16.71	16.98	16.56	17.00
	25	LOW	QPSK	16.80	16.84	16.65	17.00
	5	LOW	Q16	16.64	16.53	16.35	17.00
		MID	Q16	16.78	16.55	16.75	17.00
		HIGH	Q16	16.77	16.04	16.36	17.00
		LOW	Q16	16.66	16.72	16.71	17.00
		MID	Q16	16.96	16.65	16.55	17.00
		HIGH	Q16	16.84	16.86	16.47	17.00
5	25	LOW	Q16	16.82	16.88	16.85	17.00
	1	LOW	64QAM	16.38	16.31	16.60	17.00
		MID	64QAM	16.69	16.52	16.86	17.00
		HIGH	64QAM	16.91	16.16	16.10	17.00
	12	LOW	64QAM	16.77	16.89	16.65	17.00
		MID	64QAM	16.90	16.47	16.62	17.00
		HIGH	64QAM	16.72	16.78	16.27	17.00
	25	LOW	64QAM	16.98	16.90	16.82	17.00

LTE B66-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	16.17	16.71	16.48	17.00
		MID	QPSK	16.92	16.97	16.97	17.00
		HIGH	QPSK	16.75	16.65	16.45	17.00
	25	LOW	QPSK	16.66	16.70	16.64	17.00
		MID	QPSK	16.69	16.67	16.72	17.00
		HIGH	QPSK	16.70	16.95	16.65	17.00
	50	LOW	QPSK	16.73	16.80	16.62	17.00
10	1	LOW	Q16	16.62	16.41	16.42	17.00
		MID	Q16	17.00	16.64	16.93	17.00
		HIGH	Q16	16.88	16.08	16.28	17.00
	25	LOW	Q16	16.61	16.69	16.51	17.00
		MID	Q16	16.84	16.76	16.40	17.00
		HIGH	Q16	16.96	16.76	16.39	17.00
	50	LOW	Q16	16.78	16.80	16.73	17.00
10	1	LOW	64QAM	16.52	16.24	16.54	17.00
		MID	64QAM	16.75	16.48	16.97	17.00
		HIGH	64QAM	16.68	16.11	16.13	17.00
	25	LOW	64QAM	16.65	16.97	16.63	17.00
		MID	64QAM	17.00	16.49	16.48	17.00
		HIGH	64QAM	16.72	16.79	16.38	17.00
	50	LOW	64QAM	16.80	16.77	16.56	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	16.42	16.88	16.58	17.00
		MID	QPSK	16.80	16.81	16.95	17.00
		HIGH	QPSK	16.78	16.67	16.51	17.00
	36	LOW	QPSK	16.92	16.94	16.63	17.00
		MID	QPSK	16.84	16.63	16.66	17.00
		HIGH	QPSK	16.67	16.69	16.51	17.00
	75	LOW	QPSK	16.80	16.87	16.61	17.00
15	1	LOW	Q16	16.47	16.55	16.30	17.00
		MID	Q16	16.88	16.54	16.74	17.00
		HIGH	Q16	16.71	16.14	16.35	17.00
	36	LOW	Q16	16.66	16.83	16.42	17.00
		MID	Q16	16.88	16.61	16.53	17.00
		HIGH	Q16	16.81	16.68	16.46	17.00
	75	LOW	Q16	16.68	16.87	16.87	17.00
15	1	LOW	64QAM	16.51	16.40	16.38	17.00
		MID	64QAM	16.96	16.60	16.91	17.00
		HIGH	64QAM	16.69	16.16	16.15	17.00
	36	LOW	64QAM	16.77	16.71	16.46	17.00
		MID	64QAM	16.76	16.72	16.46	17.00
		HIGH	64QAM	16.88	16.89	16.38	17.00
	75	LOW	64QAM	16.90	16.83	16.58	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	16.30	16.82	16.51	17.00
		MID	QPSK	16.72	16.82	16.74	17.00
		HIGH	QPSK	16.63	16.59	16.51	17.00
	50	LOW	QPSK	16.78	16.81	16.61	17.00
		MID	QPSK	16.77	16.78	16.59	17.00
		HIGH	QPSK	16.80	16.74	16.60	17.00
	100	LOW	QPSK	16.82	16.80	16.57	17.00
20	1	LOW	Q16	16.53	16.45	16.45	17.00
		MID	Q16	16.91	16.69	16.89	17.00
		HIGH	Q16	16.82	16.07	16.30	17.00
	50	LOW	Q16	16.67	16.79	16.57	17.00
		MID	Q16	16.90	16.70	16.45	17.00
		HIGH	Q16	16.94	16.73	16.48	17.00
	100	LOW	Q16	16.74	16.81	16.76	17.00
20	1	LOW	64QAM	16.51	16.39	16.49	17.00
		MID	64QAM	16.82	16.56	17.00	17.00
		HIGH	64QAM	16.82	16.11	16.15	17.00
	50	LOW	64QAM	16.70	16.86	16.57	17.00
		MID	64QAM	16.90	16.62	16.51	17.00
		HIGH	64QAM	16.85	16.79	16.40	17.00
	100	LOW	64QAM	16.89	16.92	16.70	17.00

LTE B66-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.57	19.95	19.71	20.00
		MID	QPSK	19.92	19.89	19.78	20.00
		HIGH	QPSK	19.55	19.78	19.43	20.00
	3	LOW	QPSK	19.47	19.91	19.70	20.00
		MID	QPSK	19.89	19.91	20.00	20.00
		HIGH	QPSK	19.49	19.90	19.61	20.00
	6	LOW	QPSK	19.80	19.87	19.58	20.00
1.4	1	LOW	Q16	19.74	19.52	19.72	20.00
		MID	Q16	19.85	19.84	19.56	20.00
		HIGH	Q16	19.79	19.19	19.38	20.00
	3	LOW	Q16	19.54	19.50	19.69	20.00
		MID	Q16	20.00	19.67	19.77	20.00
		HIGH	Q16	19.85	19.69	19.45	20.00
	6	LOW	Q16	19.98	19.91	19.49	20.00
1.4	1	LOW	64QAM	19.61	19.56	19.57	20.00
		MID	64QAM	19.87	19.70	19.52	20.00
		HIGH	64QAM	19.85	19.06	19.41	20.00
	3	LOW	64QAM	19.39	19.61	19.72	20.00
		MID	64QAM	19.93	19.68	19.89	20.00
		HIGH	64QAM	19.84	19.66	19.51	20.00
	6	LOW	64QAM	19.93	19.81	19.48	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.62	19.93	19.44	20.00
		MID	QPSK	19.86	19.90	19.86	20.00
		HIGH	QPSK	19.57	19.97	19.61	20.00
	8	LOW	QPSK	19.95	19.86	19.68	20.00
		MID	QPSK	19.75	19.85	19.83	20.00
		HIGH	QPSK	19.80	19.92	19.56	20.00
	15	LOW	QPSK	19.93	19.99	19.80	20.00
3	1	LOW	Q16	19.63	19.48	19.74	20.00
		MID	Q16	19.83	19.80	19.66	20.00
		HIGH	Q16	19.93	19.16	19.32	20.00
	8	LOW	Q16	19.72	19.95	19.69	20.00
		MID	Q16	19.82	19.84	19.73	20.00
		HIGH	Q16	19.98	19.90	19.82	20.00
	15	LOW	Q16	19.93	20.00	19.64	20.00
3	1	LOW	64QAM	19.56	19.80	19.63	20.00
		MID	64QAM	19.85	19.58	19.55	20.00
		HIGH	64QAM	19.90	19.28	19.54	20.00
	8	LOW	64QAM	19.58	19.92	19.69	20.00
		MID	64QAM	19.97	19.87	19.62	20.00
		HIGH	64QAM	19.80	19.97	19.67	20.00
	15	LOW	64QAM	19.92	19.88	19.59	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.44	19.88	19.48	20.00
		MID	QPSK	19.86	19.88	19.93	20.00
		HIGH	QPSK	19.46	19.90	19.72	20.00
	12	LOW	QPSK	19.80	19.79	19.88	20.00
		MID	QPSK	19.93	19.99	19.64	20.00
		HIGH	QPSK	19.86	19.86	19.81	20.00
	25	LOW	QPSK	19.94	19.86	19.70	20.00
5	1	LOW	Q16	19.54	19.39	19.72	20.00
		MID	Q16	19.99	19.79	19.81	20.00
		HIGH	Q16	19.78	19.11	19.42	20.00
	12	LOW	Q16	19.66	19.90	19.56	20.00
		MID	Q16	19.74	19.87	19.66	20.00
		HIGH	Q16	19.91	19.98	19.72	20.00
	25	LOW	Q16	19.92	19.91	19.63	20.00
5	1	LOW	64QAM	19.65	19.53	19.75	20.00
		MID	64QAM	19.98	19.53	19.58	20.00
		HIGH	64QAM	19.99	19.07	19.32	20.00
	12	LOW	64QAM	19.61	19.80	19.71	20.00
		MID	64QAM	19.98	19.91	19.47	20.00
		HIGH	64QAM	19.84	19.83	19.68	20.00
	25	LOW	64QAM	19.94	19.87	19.44	20.00

LTE B66-State3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.47	19.92	19.69	20.00
		MID	QPSK	19.85	19.96	19.81	20.00
		HIGH	QPSK	19.61	19.96	19.69	20.00
	25	LOW	QPSK	19.89	19.80	19.68	20.00
		MID	QPSK	19.84	19.81	19.67	20.00
		HIGH	QPSK	19.94	19.85	19.70	20.00
	50	LOW	QPSK	19.82	20.00	19.66	20.00
10	1	LOW	Q16	19.54	19.50	19.74	20.00
		MID	Q16	19.76	19.84	19.56	20.00
		HIGH	Q16	19.78	19.26	19.45	20.00
	25	LOW	Q16	19.73	19.84	19.62	20.00
		MID	Q16	19.74	19.98	19.76	20.00
		HIGH	Q16	19.91	19.79	19.83	20.00
	50	LOW	Q16	19.91	19.80	19.57	20.00
10	1	LOW	64QAM	19.79	19.63	19.68	20.00
		MID	64QAM	19.85	19.75	19.45	20.00
		HIGH	64QAM	19.99	19.32	19.38	20.00
	25	LOW	64QAM	19.84	19.97	19.68	20.00
		MID	64QAM	19.87	19.97	19.66	20.00
		HIGH	64QAM	19.77	19.85	19.56	20.00
	50	LOW	64QAM	19.91	19.71	19.39	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.59	19.95	19.68	20.00
		MID	QPSK	20.00	19.95	19.82	20.00
		HIGH	QPSK	19.71	19.87	19.50	20.00
	36	LOW	QPSK	19.94	19.97	19.86	20.00
		MID	QPSK	19.90	19.81	19.83	20.00
		HIGH	QPSK	19.89	19.86	19.63	20.00
	75	LOW	QPSK	19.86	19.80	19.70	20.00
15	1	LOW	Q16	19.83	19.43	19.52	20.00
		MID	Q16	19.79	19.82	19.67	20.00
		HIGH	Q16	19.89	19.11	19.35	20.00
	36	LOW	Q16	19.63	20.00	19.77	20.00
		MID	Q16	20.00	19.95	19.75	20.00
		HIGH	Q16	19.92	19.87	19.84	20.00
	75	LOW	Q16	19.82	19.91	19.54	20.00
15	1	LOW	64QAM	19.83	19.57	19.78	20.00
		MID	64QAM	19.95	19.68	19.65	20.00
		HIGH	64QAM	19.95	19.22	19.57	20.00
	36	LOW	64QAM	19.56	19.78	19.71	20.00
		MID	64QAM	19.98	19.90	19.49	20.00
		HIGH	64QAM	19.81	20.00	19.61	20.00
	75	LOW	64QAM	19.97	19.88	19.43	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.55	19.98	19.57	20.00
		MID	QPSK	19.92	19.97	19.92	20.00
		HIGH	QPSK	19.59	19.93	19.58	20.00
	50	LOW	QPSK	19.89	19.90	19.74	20.00
		MID	QPSK	19.88	19.83	19.69	20.00
		HIGH	QPSK	19.91	19.90	19.70	20.00
	100	LOW	QPSK	19.91	19.95	19.68	20.00
20	1	LOW	Q16	19.68	19.53	19.59	20.00
		MID	Q16	19.91	19.75	19.66	20.00
		HIGH	Q16	19.93	19.21	19.40	20.00
	50	LOW	Q16	19.76	19.95	19.62	20.00
		MID	Q16	19.88	19.93	19.70	20.00
		HIGH	Q16	19.91	19.93	19.70	20.00
	100	LOW	Q16	19.90	19.93	19.59	20.00
20	1	LOW	64QAM	19.68	19.65	19.72	20.00
		MID	64QAM	19.98	19.65	19.57	20.00
		HIGH	64QAM	19.99	19.20	19.42	20.00
	50	LOW	64QAM	19.70	19.92	19.75	20.00
		MID	64QAM	19.91	19.98	19.61	20.00
		HIGH	64QAM	19.77	19.97	19.62	20.00
	100	LOW	64QAM	19.94	19.83	19.48	20.00

LTE B66-State4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.82	16.49	16.02	16.50
		MID	QPSK	16.41	16.40	16.36	16.50
		HIGH	QPSK	16.42	16.47	16.25	16.50
	3	LOW	QPSK	16.01	16.46	16.03	16.50
		MID	QPSK	16.39	16.47	16.45	16.50
		HIGH	QPSK	16.32	16.44	16.14	16.50
	6	LOW	QPSK	16.33	16.38	15.97	16.50
1.4	1	LOW	Q16	16.49	16.18	16.17	16.50
		MID	Q16	16.30	16.35	16.03	16.50
		HIGH	Q16	16.37	15.66	16.22	16.50
	3	LOW	Q16	16.41	15.99	16.04	16.50
		MID	Q16	16.31	16.23	15.96	16.50
		HIGH	Q16	16.39	16.25	16.14	16.50
	6	LOW	Q16	16.33	16.29	16.17	16.50
1.4	1	LOW	64QAM	16.46	16.06	16.02	16.50
		MID	64QAM	16.25	16.50	15.91	16.50
		HIGH	64QAM	16.37	15.71	16.08	16.50
	3	LOW	64QAM	16.49	16.00	16.06	16.50
		MID	64QAM	16.24	16.17	15.94	16.50
		HIGH	64QAM	16.36	16.14	16.23	16.50
	6	LOW	64QAM	16.23	16.42	16.31	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	15.81	16.38	16.10	16.50
		MID	QPSK	16.48	16.50	16.35	16.50
		HIGH	QPSK	16.15	16.30	16.25	16.50
	8	LOW	QPSK	16.46	16.39	16.05	16.50
		MID	QPSK	16.33	16.29	16.02	16.50
		HIGH	QPSK	16.23	16.35	16.00	16.50
	15	LOW	QPSK	16.38	16.31	15.96	16.50
3	1	LOW	Q16	16.36	16.14	15.92	16.50
		MID	Q16	16.42	16.20	16.09	16.50
		HIGH	Q16	16.25	15.62	16.04	16.50
	8	LOW	Q16	16.22	16.17	16.30	16.50
		MID	Q16	16.30	16.25	16.03	16.50
		HIGH	Q16	16.44	16.35	16.12	16.50
	15	LOW	Q16	16.23	16.32	16.03	16.50
3	1	LOW	64QAM	16.45	15.95	15.87	16.50
		MID	64QAM	16.30	16.10	16.25	16.50
		HIGH	64QAM	16.37	15.69	15.97	16.50
	8	LOW	64QAM	16.48	16.43	16.24	16.50
		MID	64QAM	16.48	16.38	16.09	16.50
		HIGH	64QAM	16.38	16.21	15.85	16.50
	15	LOW	64QAM	16.44	16.18	16.20	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	15.98	16.36	16.15	16.50
		MID	QPSK	16.45	16.31	16.49	16.50
		HIGH	QPSK	16.22	16.39	16.06	16.50
	12	LOW	QPSK	16.26	16.37	16.25	16.50
		MID	QPSK	16.45	16.30	16.19	16.50
		HIGH	QPSK	16.45	16.40	16.19	16.50
	25	LOW	QPSK	16.47	16.39	16.14	16.50
5	1	LOW	Q16	16.43	16.03	16.16	16.50
		MID	Q16	16.39	16.24	15.93	16.50
		HIGH	Q16	16.29	15.78	16.22	16.50
	12	LOW	Q16	16.44	16.46	16.37	16.50
		MID	Q16	16.37	16.46	16.14	16.50
		HIGH	Q16	16.39	16.23	16.22	16.50
	25	LOW	Q16	16.31	16.31	15.99	16.50
5	1	LOW	64QAM	16.34	16.01	15.75	16.50
		MID	64QAM	16.29	16.00	16.19	16.50
		HIGH	64QAM	16.27	15.87	16.02	16.50
	12	LOW	64QAM	16.43	16.40	16.08	16.50
		MID	64QAM	16.26	16.12	16.28	16.50
		HIGH	64QAM	16.32	16.12	16.05	16.50
	25	LOW	64QAM	16.50	16.34	16.20	16.50

LTE B66-State4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	15.93	16.41	16.06	16.50
		MID	QPSK	16.45	16.42	16.49	16.50
		HIGH	QPSK	16.26	16.39	16.25	16.50
	25	LOW	QPSK	16.28	16.46	16.21	16.50
		MID	QPSK	16.20	16.42	16.12	16.50
		HIGH	QPSK	16.31	16.50	16.20	16.50
	50	LOW	QPSK	16.25	16.33	16.09	16.50
10	1	LOW	Q16	16.45	15.92	15.91	16.50
		MID	Q16	16.48	16.33	16.16	16.50
		HIGH	Q16	16.33	15.56	16.23	16.50
	25	LOW	Q16	16.49	16.37	16.25	16.50
		MID	Q16	16.50	16.40	16.28	16.50
		HIGH	Q16	16.43	16.44	16.27	16.50
	50	LOW	Q16	16.36	16.50	15.87	16.50
10	1	LOW	64QAM	16.41	16.11	15.92	16.50
		MID	64QAM	16.35	16.26	16.06	16.50
		HIGH	64QAM	16.33	15.90	15.90	16.50
	25	LOW	64QAM	16.33	16.33	16.12	16.50
		MID	64QAM	16.33	16.30	16.10	16.50
		HIGH	64QAM	16.22	16.29	15.88	16.50
	50	LOW	64QAM	16.30	16.33	16.25	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	15.90	16.45	16.09	16.50
		MID	QPSK	16.36	16.36	16.46	16.50
		HIGH	QPSK	16.35	16.44	16.10	16.50
	36	LOW	QPSK	16.22	16.47	16.31	16.50
		MID	QPSK	16.22	16.46	16.07	16.50
		HIGH	QPSK	16.45	16.39	16.05	16.50
	75	LOW	QPSK	16.26	16.41	15.99	16.50
15	1	LOW	Q16	16.45	16.18	16.05	16.50
		MID	Q16	16.31	16.11	16.15	16.50
		HIGH	Q16	16.26	15.53	16.14	16.50
	36	LOW	Q16	16.45	16.46	16.37	16.50
		MID	Q16	16.40	16.22	16.04	16.50
		HIGH	Q16	16.37	16.38	16.10	16.50
	75	LOW	Q16	16.50	16.49	15.98	16.50
15	1	LOW	64QAM	16.38	16.18	15.99	16.50
		MID	64QAM	16.48	16.18	16.16	16.50
		HIGH	64QAM	16.25	15.67	15.93	16.50
	36	LOW	64QAM	16.45	16.39	16.25	16.50
		MID	64QAM	16.32	16.12	16.04	16.50
		HIGH	64QAM	16.24	16.21	16.15	16.50
	75	LOW	64QAM	16.35	16.16	16.19	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	15.93	16.47	16.03	16.50
		MID	QPSK	16.46	16.45	16.45	16.50
		HIGH	QPSK	16.28	16.45	16.11	16.50
	50	LOW	QPSK	16.34	16.39	16.16	16.50
		MID	QPSK	16.31	16.37	16.10	16.50
		HIGH	QPSK	16.37	16.43	16.12	16.50
	100	LOW	QPSK	16.36	16.45	16.11	16.50
20	1	LOW	Q16	16.49	16.03	16.02	16.50
		MID	Q16	16.45	16.24	16.01	16.50
		HIGH	Q16	16.37	15.65	16.11	16.50
	50	LOW	Q16	16.34	16.32	16.23	16.50
		MID	Q16	16.45	16.35	16.13	16.50
		HIGH	Q16	16.48	16.37	16.15	16.50
	100	LOW	Q16	16.38	16.43	16.02	16.50
20	1	LOW	64QAM	16.43	16.08	15.88	16.50
		MID	64QAM	16.44	16.14	16.16	16.50
		HIGH	64QAM	16.24	15.78	15.98	16.50
	50	LOW	64QAM	16.46	16.44	16.17	16.50
		MID	64QAM	16.40	16.24	16.19	16.50
		HIGH	64QAM	16.36	16.26	16.00	16.50
	100	LOW	64QAM	16.40	16.29	16.12	16.50

8.4.9 LTE Band66 Output Power

LTE B66-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.04	24.51	24.33	24.60
		MID	QPSK	24.51	24.51	24.55	24.60
		HIGH	QPSK	23.87	24.17	24.01	24.60
	3	LOW	QPSK	24.14	24.39	24.39	24.60
		MID	QPSK	24.56	24.42	24.39	24.60
		HIGH	QPSK	23.90	24.20	24.01	24.60
	6	LOW	QPSK	23.52	23.46	23.33	23.60
	1.4	LOW	Q16	23.31	23.48	23.39	23.60
		MID	Q16	23.54	23.49	23.23	23.60
		HIGH	Q16	23.04	23.04	22.90	23.60
		LOW	Q16	23.47	23.43	23.47	23.60
		MID	Q16	23.38	23.33	23.31	23.60
		HIGH	Q16	23.06	23.29	22.81	23.60
1.4	6	LOW	Q16	22.39	22.58	22.10	22.60
	1	LOW	64QAM	22.22	22.50	22.48	22.60
		MID	64QAM	22.53	22.44	22.29	22.60
		HIGH	64QAM	22.03	22.01	21.94	22.60
	3	LOW	64QAM	22.51	22.47	22.35	22.60
		MID	64QAM	22.45	22.45	22.39	22.60
		HIGH	64QAM	22.05	22.15	21.74	22.60
	6	LOW	64QAM	21.28	21.54	21.20	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.02	24.49	24.28	24.60
		MID	QPSK	24.41	24.26	24.44	24.60
		HIGH	QPSK	23.90	24.10	24.01	24.60
	8	LOW	QPSK	23.29	23.28	23.38	23.60
		MID	QPSK	23.56	23.49	23.40	23.60
		HIGH	QPSK	23.48	23.50	23.12	23.60
	15	LOW	QPSK	23.36	23.52	23.39	23.60
	3	LOW	Q16	23.29	23.53	23.46	23.60
		MID	Q16	23.53	23.50	23.40	23.60
		HIGH	Q16	23.17	23.04	22.79	23.60
		LOW	Q16	22.37	22.37	22.47	22.60
		MID	Q16	22.47	22.48	22.17	22.60
		HIGH	Q16	22.56	22.54	22.30	22.60
3	15	LOW	Q16	22.49	22.59	22.10	22.60
	1	LOW	64QAM	22.41	22.41	22.17	22.60
		MID	64QAM	22.24	22.28	22.50	22.60
		HIGH	64QAM	22.09	22.15	21.80	22.60
	8	LOW	64QAM	21.55	21.55	21.45	21.60
		MID	64QAM	21.43	21.37	21.28	21.60
		HIGH	64QAM	21.41	21.35	20.94	21.60
	15	LOW	64QAM	21.32	21.39	21.42	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.19	24.53	24.17	24.60
		MID	QPSK	24.57	24.54	24.48	24.60
		HIGH	QPSK	23.88	24.11	24.08	24.60
	12	LOW	QPSK	23.25	23.49	23.35	23.60
		MID	QPSK	23.46	23.43	23.37	23.60
		HIGH	QPSK	23.51	23.42	23.17	23.60
	25	LOW	QPSK	23.29	23.44	23.16	23.60
	5	LOW	Q16	23.34	23.55	23.30	23.60
		MID	Q16	23.29	23.47	23.35	23.60
		HIGH	Q16	23.03	23.24	22.96	23.60
		LOW	Q16	22.36	22.39	22.48	22.60
		MID	Q16	22.51	22.54	22.16	22.60
		HIGH	Q16	22.42	22.42	22.03	22.60
5	25	LOW	Q16	22.54	22.60	22.22	22.60
	1	LOW	64QAM	22.38	22.50	22.25	22.60
		MID	64QAM	22.22	22.25	22.33	22.60
		HIGH	64QAM	22.06	22.23	21.91	22.60
	12	LOW	64QAM	21.55	21.41	21.49	21.60
		MID	64QAM	21.50	21.41	21.01	21.60
		HIGH	64QAM	21.44	21.26	20.97	21.60
	25	LOW	64QAM	21.29	21.46	21.26	21.60

LTE B66-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.16	24.55	24.43	24.60
		MID	QPSK	24.37	24.36	24.48	24.60
		HIGH	QPSK	23.78	24.30	24.00	24.60
	25	LOW	QPSK	23.27	23.29	23.35	23.60
		MID	QPSK	23.38	23.58	23.22	23.60
		HIGH	QPSK	23.58	23.39	23.08	23.60
	50	LOW	QPSK	23.51	23.60	23.13	23.60
10	1	LOW	Q16	23.46	23.37	23.53	23.60
		MID	Q16	23.54	23.27	23.29	23.60
		HIGH	Q16	23.04	23.19	22.88	23.60
	25	LOW	Q16	22.38	22.60	22.47	22.60
		MID	Q16	22.50	22.58	22.45	22.60
		HIGH	Q16	22.59	22.36	22.28	22.60
	50	LOW	Q16	22.55	22.47	22.34	22.60
10	1	LOW	64QAM	22.31	22.57	22.45	22.60
		MID	64QAM	22.36	22.31	22.40	22.60
		HIGH	64QAM	22.00	22.12	21.99	22.60
	25	LOW	64QAM	21.54	21.45	21.30	21.60
		MID	64QAM	21.54	21.19	21.04	21.60
		HIGH	64QAM	21.37	21.28	21.04	21.60
	50	LOW	64QAM	21.22	21.38	21.46	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.16	24.55	24.42	24.60
		MID	QPSK	24.50	24.39	24.35	24.60
		HIGH	QPSK	23.82	24.27	23.88	24.60
	36	LOW	QPSK	23.42	23.53	23.44	23.60
		MID	QPSK	23.35	23.58	23.21	23.60
		HIGH	QPSK	23.54	23.53	23.02	23.60
	75	LOW	QPSK	23.31	23.55	23.30	23.60
15	1	LOW	Q16	23.55	23.58	23.39	23.60
		MID	Q16	23.32	23.22	23.40	23.60
		HIGH	Q16	23.22	23.17	23.02	23.60
	36	LOW	Q16	22.34	22.59	22.30	22.60
		MID	Q16	22.49	22.52	22.18	22.60
		HIGH	Q16	22.54	22.28	22.26	22.60
	75	LOW	Q16	22.33	22.44	22.17	22.60
15	1	LOW	64QAM	22.52	22.47	22.32	22.60
		MID	64QAM	22.31	22.23	22.33	22.60
		HIGH	64QAM	21.97	21.94	22.04	22.60
	36	LOW	64QAM	21.47	21.51	21.33	21.60
		MID	64QAM	21.50	21.38	21.05	21.60
		HIGH	64QAM	21.53	21.43	20.99	21.60
	75	LOW	64QAM	21.20	21.54	21.39	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.13	24.53	24.31	24.60
		MID	QPSK	24.46	24.39	24.49	24.60
		HIGH	QPSK	23.93	24.20	23.96	24.60
	50	LOW	QPSK	23.35	23.38	23.37	23.60
		MID	QPSK	23.37	23.28	23.34	23.60
		HIGH	QPSK	23.36	23.31	23.14	23.60
	100	LOW	QPSK	23.37	23.51	23.27	23.60
20	1	LOW	Q16	23.43	23.48	23.40	23.60
		MID	Q16	23.41	23.37	23.35	23.60
		HIGH	Q16	23.12	23.14	22.91	23.60
	50	LOW	Q16	22.43	22.48	22.33	22.60
		MID	Q16	22.60	22.44	22.30	22.60
		HIGH	Q16	22.46	22.42	22.15	22.60
	100	LOW	Q16	22.41	22.58	22.22	22.60
20	1	LOW	64QAM	22.40	22.56	22.30	22.60
		MID	64QAM	22.37	22.33	22.48	22.60
		HIGH	64QAM	22.08	22.08	21.95	22.60
	50	LOW	64QAM	21.57	21.44	21.41	21.60
		MID	64QAM	21.57	21.31	21.15	21.60
		HIGH	64QAM	21.44	21.34	21.09	21.60
	100	LOW	64QAM	21.28	21.44	21.32	21.60

LTE B66-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.04	24.51	24.33	24.60
		MID	QPSK	24.51	24.51	24.55	24.60
		HIGH	QPSK	23.87	24.17	24.01	24.60
	3	LOW	QPSK	24.14	24.39	24.39	24.60
		MID	QPSK	24.56	24.42	24.39	24.60
		HIGH	QPSK	23.90	24.20	24.01	24.60
	6	LOW	QPSK	23.52	23.46	23.33	23.60
1.4	1	LOW	Q16	23.31	23.48	23.39	23.60
		MID	Q16	23.54	23.49	23.23	23.60
		HIGH	Q16	23.04	23.04	22.90	23.60
	3	LOW	Q16	23.47	23.43	23.47	23.60
		MID	Q16	23.38	23.33	23.31	23.60
		HIGH	Q16	23.06	23.29	22.81	23.60
	6	LOW	Q16	22.39	22.58	22.10	22.60
1.4	1	LOW	64QAM	22.22	22.50	22.48	22.60
		MID	64QAM	22.53	22.44	22.29	22.60
		HIGH	64QAM	22.03	22.01	21.94	22.60
	3	LOW	64QAM	22.51	22.47	22.35	22.60
		MID	64QAM	22.45	22.45	22.39	22.60
		HIGH	64QAM	22.05	22.15	21.74	22.60
	6	LOW	64QAM	21.28	21.54	21.20	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.02	24.49	24.28	24.60
		MID	QPSK	24.41	24.26	24.44	24.60
		HIGH	QPSK	23.90	24.10	24.01	24.60
	8	LOW	QPSK	23.29	23.28	23.38	23.60
		MID	QPSK	23.56	23.49	23.40	23.60
		HIGH	QPSK	23.48	23.50	23.12	23.60
	15	LOW	QPSK	23.36	23.52	23.39	23.60
3	1	LOW	Q16	23.29	23.53	23.46	23.60
		MID	Q16	23.53	23.50	23.40	23.60
		HIGH	Q16	23.17	23.04	22.79	23.60
	8	LOW	Q16	22.37	22.37	22.47	22.60
		MID	Q16	22.47	22.48	22.17	22.60
		HIGH	Q16	22.56	22.54	22.30	22.60
	15	LOW	Q16	22.49	22.59	22.10	22.60
3	1	LOW	64QAM	22.41	22.41	22.17	22.60
		MID	64QAM	22.24	22.28	22.50	22.60
		HIGH	64QAM	22.09	22.15	21.80	22.60
	8	LOW	64QAM	21.55	21.55	21.45	21.60
		MID	64QAM	21.43	21.37	21.28	21.60
		HIGH	64QAM	21.41	21.35	20.94	21.60
	15	LOW	64QAM	21.32	21.39	21.42	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.19	24.53	24.17	24.60
		MID	QPSK	24.57	24.54	24.48	24.60
		HIGH	QPSK	23.88	24.11	24.08	24.60
	12	LOW	QPSK	23.25	23.49	23.35	23.60
		MID	QPSK	23.46	23.43	23.37	23.60
		HIGH	QPSK	23.51	23.42	23.17	23.60
	25	LOW	QPSK	23.29	23.44	23.16	23.60
5	1	LOW	Q16	23.34	23.55	23.30	23.60
		MID	Q16	23.29	23.47	23.35	23.60
		HIGH	Q16	23.03	23.24	22.96	23.60
	12	LOW	Q16	22.36	22.39	22.48	22.60
		MID	Q16	22.51	22.54	22.16	22.60
		HIGH	Q16	22.42	22.42	22.03	22.60
	25	LOW	Q16	22.54	22.60	22.22	22.60
5	1	LOW	64QAM	22.38	22.50	22.25	22.60
		MID	64QAM	22.22	22.25	22.33	22.60
		HIGH	64QAM	22.06	22.23	21.91	22.60
	12	LOW	64QAM	21.55	21.41	21.49	21.60
		MID	64QAM	21.50	21.41	21.01	21.60
		HIGH	64QAM	21.44	21.26	20.97	21.60
	25	LOW	64QAM	21.29	21.46	21.26	21.60

LTE B66-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.16	24.55	24.43	24.60
		MID	QPSK	24.37	24.36	24.48	24.60
		HIGH	QPSK	23.78	24.30	24.00	24.60
	25	LOW	QPSK	23.27	23.29	23.35	23.60
		MID	QPSK	23.38	23.58	23.22	23.60
		HIGH	QPSK	23.58	23.39	23.08	23.60
	50	LOW	QPSK	23.51	23.60	23.13	23.60
10	1	LOW	Q16	23.46	23.37	23.53	23.60
		MID	Q16	23.54	23.27	23.29	23.60
		HIGH	Q16	23.04	23.19	22.88	23.60
	25	LOW	Q16	22.38	22.60	22.47	22.60
		MID	Q16	22.50	22.58	22.45	22.60
		HIGH	Q16	22.59	22.36	22.28	22.60
	50	LOW	Q16	22.55	22.47	22.34	22.60
10	1	LOW	64QAM	22.31	22.57	22.45	22.60
		MID	64QAM	22.36	22.31	22.40	22.60
		HIGH	64QAM	22.00	22.12	21.99	22.60
	25	LOW	64QAM	21.54	21.45	21.30	21.60
		MID	64QAM	21.54	21.19	21.04	21.60
		HIGH	64QAM	21.37	21.28	21.04	21.60
	50	LOW	64QAM	21.22	21.38	21.46	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.16	24.55	24.42	24.60
		MID	QPSK	24.50	24.39	24.35	24.60
		HIGH	QPSK	23.82	24.27	23.88	24.60
	36	LOW	QPSK	23.42	23.53	23.44	23.60
		MID	QPSK	23.35	23.58	23.21	23.60
		HIGH	QPSK	23.54	23.53	23.02	23.60
	75	LOW	QPSK	23.31	23.55	23.30	23.60
15	1	LOW	Q16	23.55	23.58	23.39	23.60
		MID	Q16	23.32	23.22	23.40	23.60
		HIGH	Q16	23.22	23.17	23.02	23.60
	36	LOW	Q16	22.34	22.59	22.30	22.60
		MID	Q16	22.49	22.52	22.18	22.60
		HIGH	Q16	22.54	22.28	22.26	22.60
	75	LOW	Q16	22.33	22.44	22.17	22.60
15	1	LOW	64QAM	22.52	22.47	22.32	22.60
		MID	64QAM	22.31	22.23	22.33	22.60
		HIGH	64QAM	21.97	21.94	22.04	22.60
	36	LOW	64QAM	21.47	21.51	21.33	21.60
		MID	64QAM	21.50	21.38	21.05	21.60
		HIGH	64QAM	21.53	21.43	20.99	21.60
	75	LOW	64QAM	21.20	21.54	21.39	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.13	24.53	24.31	24.60
		MID	QPSK	24.46	24.39	24.49	24.60
		HIGH	QPSK	23.93	24.20	23.96	24.60
	50	LOW	QPSK	23.35	23.38	23.37	23.60
		MID	QPSK	23.37	23.28	23.34	23.60
		HIGH	QPSK	23.36	23.31	23.14	23.60
	100	LOW	QPSK	23.37	23.51	23.27	23.60
20	1	LOW	Q16	23.43	23.48	23.40	23.60
		MID	Q16	23.41	23.37	23.35	23.60
		HIGH	Q16	23.12	23.14	22.91	23.60
	50	LOW	Q16	22.43	22.48	22.33	22.60
		MID	Q16	22.60	22.44	22.30	22.60
		HIGH	Q16	22.46	22.42	22.15	22.60
	100	LOW	Q16	22.41	22.58	22.22	22.60
20	1	LOW	64QAM	22.40	22.56	22.30	22.60
		MID	64QAM	22.37	22.33	22.48	22.60
		HIGH	64QAM	22.08	22.08	21.95	22.60
	50	LOW	64QAM	21.57	21.44	21.41	21.60
		MID	64QAM	21.57	21.31	21.15	21.60
		HIGH	64QAM	21.44	21.34	21.09	21.60
	100	LOW	64QAM	21.28	21.44	21.32	21.60

LTE B66-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.87	19.84	20.05	20.10
		MID	QPSK	19.88	20.05	19.94	20.10
		HIGH	QPSK	20.03	19.93	19.83	20.10
	3	LOW	QPSK	19.97	19.95	20.09	20.10
		MID	QPSK	20.09	20.08	19.96	20.10
		HIGH	QPSK	19.92	19.93	19.81	20.10
	6	LOW	QPSK	19.88	20.05	20.08	20.10
	1.4	LOW	Q16	19.66	19.70	19.98	20.10
		MID	Q16	19.96	19.87	19.98	20.10
		HIGH	Q16	20.04	19.81	19.64	20.10
		LOW	Q16	19.64	19.86	20.09	20.10
		MID	Q16	20.10	20.10	19.96	20.10
		HIGH	Q16	19.91	19.81	19.60	20.10
1.4	6	LOW	Q16	19.78	20.07	20.07	20.10
	1	LOW	64QAM	19.60	19.58	20.06	20.10
		MID	64QAM	19.81	19.73	19.86	20.10
		HIGH	64QAM	19.99	19.80	19.76	20.10
	3	LOW	64QAM	19.63	19.73	19.96	20.10
		MID	64QAM	20.10	20.08	19.94	20.10
		HIGH	64QAM	20.06	19.93	19.58	20.10
	6	LOW	64QAM	19.84	20.00	20.03	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.00	19.88	19.96	20.10
		MID	QPSK	20.09	20.10	19.94	20.10
		HIGH	QPSK	19.86	19.94	19.94	20.10
	8	LOW	QPSK	19.97	20.03	19.98	20.10
		MID	QPSK	20.09	19.84	19.90	20.10
		HIGH	QPSK	20.03	20.04	20.00	20.10
	15	LOW	QPSK	20.04	19.78	20.06	20.10
	3	LOW	Q16	19.91	19.68	19.94	20.10
		MID	Q16	19.97	20.09	19.90	20.10
		HIGH	Q16	20.03	19.94	19.54	20.10
		LOW	Q16	19.88	20.05	19.98	20.10
		MID	Q16	19.89	19.79	19.93	20.10
		HIGH	Q16	19.91	19.94	20.04	20.10
3	15	LOW	Q16	19.75	20.08	20.02	20.10
	1	LOW	64QAM	19.92	20.02	20.04	20.10
		MID	64QAM	20.00	19.89	20.06	20.10
		HIGH	64QAM	19.99	19.83	19.53	20.10
	8	LOW	64QAM	19.72	20.09	20.09	20.10
		MID	64QAM	19.99	19.67	19.96	20.10
		HIGH	64QAM	20.10	19.91	20.06	20.10
	15	LOW	64QAM	19.71	19.94	19.93	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.86	20.00	19.93	20.10
		MID	QPSK	19.93	19.93	20.02	20.10
		HIGH	QPSK	20.06	20.09	19.82	20.10
	12	LOW	QPSK	20.06	19.79	20.04	20.10
		MID	QPSK	20.01	19.99	20.08	20.10
		HIGH	QPSK	19.92	20.05	19.88	20.10
	25	LOW	QPSK	19.99	19.94	19.87	20.10
	5	LOW	Q16	19.87	19.91	20.00	20.10
		MID	Q16	19.98	19.97	19.97	20.10
		HIGH	Q16	20.01	19.88	19.72	20.10
		LOW	Q16	19.87	19.96	19.99	20.10
		MID	Q16	19.97	19.93	20.06	20.10
		HIGH	Q16	20.08	19.78	20.04	20.10
5	25	LOW	Q16	19.90	20.03	19.95	20.10
	1	LOW	64QAM	19.82	19.72	19.93	20.10
		MID	64QAM	19.80	19.97	20.05	20.10
		HIGH	64QAM	19.94	20.08	19.39	20.10
	12	LOW	64QAM	19.87	20.04	20.02	20.10
		MID	64QAM	19.95	19.92	19.88	20.10
		HIGH	64QAM	20.05	19.93	20.09	20.10
	25	LOW	64QAM	19.65	20.04	19.90	20.10

LTE B66-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.01	19.82	19.91	20.10
		MID	QPSK	20.01	20.06	20.07	20.10
		HIGH	QPSK	19.86	19.90	20.05	20.10
	25	LOW	QPSK	20.09	19.87	20.02	20.10
		MID	QPSK	19.96	19.86	19.97	20.10
		HIGH	QPSK	19.83	19.94	19.95	20.10
	50	LOW	QPSK	19.96	19.87	19.91	20.10
10	1	LOW	Q16	19.77	19.81	19.97	20.10
		MID	Q16	20.00	19.95	19.96	20.10
		HIGH	Q16	20.03	20.02	19.66	20.10
	25	LOW	Q16	20.05	19.99	19.97	20.10
		MID	Q16	19.92	19.75	20.08	20.10
		HIGH	Q16	20.03	19.79	19.82	20.10
	50	LOW	Q16	19.75	20.08	20.08	20.10
10	1	LOW	64QAM	19.89	19.86	19.96	20.10
		MID	64QAM	19.99	19.71	20.04	20.10
		HIGH	64QAM	20.05	19.95	19.58	20.10
	25	LOW	64QAM	19.76	20.00	20.02	20.10
		MID	64QAM	20.08	19.93	19.91	20.10
		HIGH	64QAM	19.93	19.82	19.91	20.10
	50	LOW	64QAM	19.59	19.89	19.89	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.74	19.99	19.83	20.10
		MID	QPSK	20.01	20.05	19.96	20.10
		HIGH	QPSK	19.98	19.92	19.95	20.10
	36	LOW	QPSK	20.01	19.86	19.97	20.10
		MID	QPSK	20.04	19.85	20.10	20.10
		HIGH	QPSK	19.80	20.08	20.10	20.10
	75	LOW	QPSK	19.96	19.98	20.09	20.10
15	1	LOW	Q16	19.84	19.70	19.94	20.10
		MID	Q16	19.95	19.82	19.91	20.10
		HIGH	Q16	19.89	19.99	19.58	20.10
	36	LOW	Q16	20.06	20.06	19.98	20.10
		MID	Q16	19.90	19.74	19.95	20.10
		HIGH	Q16	19.98	19.89	19.91	20.10
	75	LOW	Q16	19.83	20.02	19.99	20.10
15	1	LOW	64QAM	19.96	19.82	20.02	20.10
		MID	64QAM	20.06	19.96	19.91	20.10
		HIGH	64QAM	20.02	20.04	19.60	20.10
	36	LOW	64QAM	19.93	20.04	20.08	20.10
		MID	64QAM	19.98	19.74	20.07	20.10
		HIGH	64QAM	19.96	19.86	19.94	20.10
	75	LOW	64QAM	19.62	20.06	20.06	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.88	19.93	19.90	20.10
		MID	QPSK	19.93	19.89	19.86	20.10
		HIGH	QPSK	19.91	19.86	19.90	20.10
	50	LOW	QPSK	19.86	19.91	19.87	20.10
		MID	QPSK	19.86	19.89	19.90	20.10
		HIGH	QPSK	19.88	19.86	19.90	20.10
	100	LOW	QPSK	20.02	19.91	20.01	20.10
20	1	LOW	Q16	19.79	19.76	20.06	20.10
		MID	Q16	20.07	19.95	20.02	20.10
		HIGH	Q16	19.97	19.92	19.66	20.10
	50	LOW	Q16	19.94	20.04	20.06	20.10
		MID	Q16	19.98	19.85	20.05	20.10
		HIGH	Q16	20.05	19.89	19.94	20.10
	100	LOW	Q16	19.83	20.09	20.07	20.10
20	1	LOW	64QAM	19.90	19.87	19.93	20.10
		MID	64QAM	19.94	19.83	19.96	20.10
		HIGH	64QAM	20.04	19.96	19.53	20.10
	50	LOW	64QAM	19.82	20.07	20.05	20.10
		MID	64QAM	20.07	19.79	19.96	20.10
		HIGH	64QAM	20.06	19.92	20.05	20.10
	100	LOW	64QAM	19.72	19.94	20.02	20.10

LTE B66-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.60	18.45	18.50	18.60
		MID	QPSK	18.58	18.46	18.60	18.60
		HIGH	QPSK	18.41	18.36	18.55	18.60
	3	LOW	QPSK	18.57	18.57	18.48	18.60
		MID	QPSK	18.48	18.59	18.59	18.60
		HIGH	QPSK	18.60	18.41	18.34	18.60
	6	LOW	QPSK	18.59	18.40	18.40	18.60
1.4	1	LOW	Q16	18.37	18.58	18.48	18.60
		MID	Q16	18.58	18.50	18.45	18.60
		HIGH	Q16	18.41	18.47	18.28	18.60
	3	LOW	Q16	18.31	18.58	18.45	18.60
		MID	Q16	18.43	18.41	18.54	18.60
		HIGH	Q16	18.48	18.51	18.10	18.60
	6	LOW	Q16	18.53	18.60	18.26	18.60
1.4	1	LOW	64QAM	18.49	18.55	18.43	18.60
		MID	64QAM	18.50	18.41	18.44	18.60
		HIGH	64QAM	18.54	18.48	18.41	18.60
	3	LOW	64QAM	18.40	18.59	18.20	18.60
		MID	64QAM	18.52	18.50	18.52	18.60
		HIGH	64QAM	18.37	18.39	18.17	18.60
	6	LOW	64QAM	18.47	18.46	18.32	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	18.55	18.60	18.39	18.60
		MID	QPSK	18.51	18.48	18.53	18.60
		HIGH	QPSK	18.35	18.60	18.48	18.60
	8	LOW	QPSK	18.44	18.40	18.27	18.60
		MID	QPSK	18.45	18.41	18.43	18.60
		HIGH	QPSK	18.44	18.59	18.59	18.60
	15	LOW	QPSK	18.40	18.53	18.57	18.60
3	1	LOW	Q16	18.37	18.60	18.27	18.60
		MID	Q16	18.57	18.47	18.59	18.60
		HIGH	Q16	18.40	18.55	18.31	18.60
	8	LOW	Q16	18.44	18.57	18.53	18.60
		MID	Q16	18.43	18.52	18.47	18.60
		HIGH	Q16	18.55	18.31	18.60	18.60
	15	LOW	Q16	18.42	18.41	18.32	18.60
3	1	LOW	64QAM	18.39	18.44	18.46	18.60
		MID	64QAM	18.47	18.53	18.55	18.60
		HIGH	64QAM	18.46	18.36	18.32	18.60
	8	LOW	64QAM	18.54	18.38	18.46	18.60
		MID	64QAM	18.48	18.42	18.53	18.60
		HIGH	64QAM	18.37	18.44	18.41	18.60
	15	LOW	64QAM	18.33	18.40	18.37	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	18.58	18.41	18.50	18.60
		MID	QPSK	18.58	18.60	18.42	18.60
		HIGH	QPSK	18.33	18.53	18.29	18.60
	12	LOW	QPSK	18.47	18.26	18.43	18.60
		MID	QPSK	18.58	18.37	18.45	18.60
		HIGH	QPSK	18.37	18.46	18.57	18.60
	25	LOW	QPSK	18.36	18.51	18.45	18.60
5	1	LOW	Q16	18.27	18.54	18.46	18.60
		MID	Q16	18.57	18.38	18.43	18.60
		HIGH	Q16	18.30	18.34	18.11	18.60
	12	LOW	Q16	18.56	18.43	18.47	18.60
		MID	Q16	18.56	18.57	18.51	18.60
		HIGH	Q16	18.52	18.43	18.48	18.60
	25	LOW	Q16	18.46	18.45	18.37	18.60
5	1	LOW	64QAM	18.40	18.45	18.52	18.60
		MID	64QAM	18.51	18.44	18.47	18.60
		HIGH	64QAM	18.28	18.13	18.25	18.60
	12	LOW	64QAM	18.29	18.35	18.22	18.60
		MID	64QAM	18.47	18.41	18.54	18.60
		HIGH	64QAM	18.30	18.40	18.34	18.60
	25	LOW	64QAM	18.52	18.53	18.16	18.60

LTE B66-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	18.49	18.55	18.52	18.60
		MID	QPSK	18.44	18.59	18.53	18.60
		HIGH	QPSK	18.46	18.53	18.49	18.60
	25	LOW	QPSK	18.49	18.47	18.39	18.60
		MID	QPSK	18.52	18.54	18.41	18.60
		HIGH	QPSK	18.49	18.38	18.47	18.60
	50	LOW	QPSK	18.42	18.44	18.53	18.60
10	1	LOW	Q16	18.48	18.51	18.55	18.60
		MID	Q16	18.50	18.42	18.49	18.60
		HIGH	Q16	18.18	18.48	18.24	18.60
	25	LOW	Q16	18.55	18.50	18.37	18.60
		MID	Q16	18.43	18.41	18.60	18.60
		HIGH	Q16	18.42	18.38	18.53	18.60
	50	LOW	Q16	18.53	18.45	18.19	18.60
10	1	LOW	64QAM	18.55	18.54	18.46	18.60
		MID	64QAM	18.55	18.43	18.55	18.60
		HIGH	64QAM	18.31	18.25	18.13	18.60
	25	LOW	64QAM	18.44	18.36	18.49	18.60
		MID	64QAM	18.49	18.59	18.52	18.60
		HIGH	64QAM	18.46	18.46	18.37	18.60
	50	LOW	64QAM	18.54	18.51	18.30	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	18.59	18.46	18.46	18.60
		MID	QPSK	18.45	18.51	18.59	18.60
		HIGH	QPSK	18.30	18.49	18.38	18.60
	36	LOW	QPSK	18.46	18.39	18.53	18.60
		MID	QPSK	18.50	18.30	18.54	18.60
		HIGH	QPSK	18.60	18.51	18.47	18.60
	75	LOW	QPSK	18.49	18.59	18.51	18.60
15	1	LOW	Q16	18.28	18.49	18.34	18.60
		MID	Q16	18.47	18.57	18.60	18.60
		HIGH	Q16	18.44	18.29	18.24	18.60
	36	LOW	Q16	18.40	18.55	18.29	18.60
		MID	Q16	18.59	18.58	18.54	18.60
		HIGH	Q16	18.56	18.30	18.48	18.60
	75	LOW	Q16	18.43	18.49	18.46	18.60
15	1	LOW	64QAM	18.46	18.50	18.55	18.60
		MID	64QAM	18.51	18.46	18.44	18.60
		HIGH	64QAM	18.42	18.39	18.27	18.60
	36	LOW	64QAM	18.43	18.54	18.19	18.60
		MID	64QAM	18.46	18.50	18.58	18.60
		HIGH	64QAM	18.32	18.31	18.33	18.60
	75	LOW	64QAM	18.43	18.50	18.40	18.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	18.46	18.49	18.44	18.60
		MID	QPSK	18.45	18.46	18.47	18.60
		HIGH	QPSK	18.45	18.41	18.41	18.60
	50	LOW	QPSK	18.36	18.41	18.40	18.60
		MID	QPSK	18.38	18.40	18.32	18.60
		HIGH	QPSK	18.48	18.35	18.33	18.60
	100	LOW	QPSK	18.47	18.52	18.53	18.60
20	1	LOW	Q16	18.41	18.60	18.42	18.60
		MID	Q16	18.54	18.53	18.56	18.60
		HIGH	Q16	18.33	18.41	18.24	18.60
	50	LOW	Q16	18.51	18.52	18.43	18.60
		MID	Q16	18.54	18.51	18.60	18.60
		HIGH	Q16	18.53	18.41	18.50	18.60
	100	LOW	Q16	18.52	18.53	18.33	18.60
20	1	LOW	64QAM	18.46	18.50	18.55	18.60
		MID	64QAM	18.59	18.44	18.55	18.60
		HIGH	64QAM	18.33	18.26	18.21	18.60
	50	LOW	64QAM	18.41	18.44	18.34	18.60
		MID	64QAM	18.53	18.56	18.55	18.60
		HIGH	64QAM	18.39	18.40	18.39	18.60
	100	LOW	64QAM	18.39	18.54	18.25	18.60

8.4.10 LTE Band38 Output Power

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.69	24.04	23.94	25.00
		MID	QPSK	23.94	24.13	24.03	25.00
		HIGH	QPSK	24.04	24.06	23.87	25.00
	12	LOW	QPSK	23.70	23.76	23.76	24.00
		MID	QPSK	23.70	23.78	23.64	24.00
		HIGH	QPSK	23.61	23.56	23.57	24.00
	25	LOW	QPSK	23.69	23.65	23.66	24.00
5	1	LOW	Q16	23.46	23.13	23.05	24.00
		MID	Q16	23.87	23.16	23.19	24.00
		HIGH	Q16	23.03	22.47	23.56	24.00
	12	LOW	Q16	22.77	22.66	22.67	23.00
		MID	Q16	22.76	22.79	22.63	23.00
		HIGH	Q16	22.80	22.43	22.58	23.00
	25	LOW	Q16	22.73	22.44	22.50	23.00
5	1	LOW	64QAM	22.49	22.08	22.07	23.00
		MID	64QAM	22.84	22.30	22.24	23.00
		HIGH	64QAM	22.27	21.45	22.45	23.00
	12	LOW	64QAM	21.81	21.85	21.85	22.00
		MID	64QAM	21.60	21.78	21.69	22.00
		HIGH	64QAM	21.65	21.53	21.56	22.00
	25	LOW	64QAM	21.67	21.71	21.57	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.88	24.13	23.88	25.00
		MID	QPSK	23.93	24.04	23.98	25.00
		HIGH	QPSK	24.16	23.92	23.88	25.00
	25	LOW	QPSK	23.76	23.65	23.83	24.00
		MID	QPSK	23.61	23.57	23.55	24.00
		HIGH	QPSK	23.48	23.64	23.47	24.00
	50	LOW	QPSK	23.65	23.55	23.49	24.00
10	1	LOW	Q16	23.45	22.91	23.07	24.00
		MID	Q16	23.72	23.27	23.33	24.00
		HIGH	Q16	23.03	22.67	23.50	24.00
	25	LOW	Q16	22.70	22.69	22.66	23.00
		MID	Q16	22.60	22.71	22.65	23.00
		HIGH	Q16	22.76	22.65	22.63	23.00
	50	LOW	Q16	22.76	22.66	22.73	23.00
10	1	LOW	64QAM	22.57	21.99	22.07	23.00
		MID	64QAM	22.83	22.11	22.10	23.00
		HIGH	64QAM	22.22	21.66	22.43	23.00
	25	LOW	64QAM	21.85	21.77	21.97	22.00
		MID	64QAM	21.63	21.53	21.67	22.00
		HIGH	64QAM	21.68	21.63	21.46	22.00
	50	LOW	64QAM	21.65	21.70	21.64	22.00

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.62	24.08	23.85	25.00
		MID	QPSK	24.13	24.08	23.98	25.00
		HIGH	QPSK	24.14	23.98	23.94	25.00
	36	LOW	QPSK	23.69	23.80	23.80	24.00
		MID	QPSK	23.85	23.73	23.65	24.00
		HIGH	QPSK	23.67	23.60	23.38	24.00
	75	LOW	QPSK	23.80	23.63	23.59	24.00
15	1	LOW	Q16	23.42	23.13	23.06	24.00
		MID	Q16	23.80	23.11	23.15	24.00
		HIGH	Q16	23.04	22.45	23.59	24.00
	36	LOW	Q16	22.80	22.75	22.68	23.00
		MID	Q16	22.82	22.74	22.63	23.00
		HIGH	Q16	22.63	22.60	22.71	23.00
	75	LOW	Q16	22.60	22.40	22.61	23.00
15	1	LOW	64QAM	22.51	21.97	21.95	23.00
		MID	64QAM	22.84	22.17	22.30	23.00
		HIGH	64QAM	22.11	21.62	22.49	23.00
	36	LOW	64QAM	21.87	21.73	21.87	22.00
		MID	64QAM	21.69	21.78	21.81	22.00
		HIGH	64QAM	21.70	21.62	21.38	22.00
	75	LOW	64QAM	21.56	21.78	21.68	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.73	24.08	23.98	25.00
		MID	QPSK	24.00	24.03	23.96	25.00
		HIGH	QPSK	24.04	24.05	24.00	25.00
	50	LOW	QPSK	23.70	23.76	23.70	24.00
		MID	QPSK	23.73	23.67	23.68	24.00
		HIGH	QPSK	23.54	23.51	23.48	24.00
	100	LOW	QPSK	23.68	23.57	23.61	24.00
20	1	LOW	Q16	23.54	23.02	23.08	24.00
		MID	Q16	23.84	23.13	23.18	24.00
		HIGH	Q16	23.18	22.54	23.65	24.00
	50	LOW	Q16	22.71	22.70	22.79	23.00
		MID	Q16	22.75	22.64	22.77	23.00
		HIGH	Q16	22.66	22.56	22.58	23.00
	100	LOW	Q16	22.73	22.54	22.61	23.00
20	1	LOW	64QAM	22.59	22.09	21.97	23.00
		MID	64QAM	22.84	22.17	22.17	23.00
		HIGH	64QAM	22.14	21.54	22.55	23.00
	50	LOW	64QAM	21.74	21.76	21.90	22.00
		MID	64QAM	21.74	21.65	21.81	22.00
		HIGH	64QAM	21.60	21.50	21.45	22.00
	100	LOW	64QAM	21.71	21.67	21.72	22.00

LTE B38-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.33	20.14	20.63	21.00
		MID	QPSK	20.87	20.29	20.66	21.00
		HIGH	QPSK	20.19	20.07	20.32	21.00
	12	LOW	QPSK	20.62	20.34	20.40	21.00
		MID	QPSK	20.49	20.56	20.41	21.00
		HIGH	QPSK	20.48	20.29	20.01	21.00
	25	LOW	QPSK	20.55	20.45	20.33	21.00
5	1	LOW	Q16	20.16	20.04	20.40	21.00
		MID	Q16	20.20	19.93	20.41	21.00
		HIGH	Q16	19.68	19.59	20.31	21.00
	12	LOW	Q16	20.53	20.43	20.30	21.00
		MID	Q16	20.46	20.43	20.79	21.00
		HIGH	Q16	20.34	20.45	19.96	21.00
	25	LOW	Q16	20.43	20.27	20.33	21.00
5	1	LOW	64QAM	19.95	20.16	20.17	21.00
		MID	64QAM	20.13	19.85	20.36	21.00
		HIGH	64QAM	19.82	19.71	20.44	21.00
	12	LOW	64QAM	20.39	20.36	20.31	21.00
		MID	64QAM	20.41	20.61	20.48	21.00
		HIGH	64QAM	20.52	20.39	20.00	21.00
	25	LOW	64QAM	20.51	20.35	20.26	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.36	20.14	20.70	21.00
		MID	QPSK	20.75	20.25	20.83	21.00
		HIGH	QPSK	20.38	20.09	20.06	21.00
	25	LOW	QPSK	20.59	20.48	20.32	21.00
		MID	QPSK	20.62	20.53	20.43	21.00
		HIGH	QPSK	20.47	20.21	20.22	21.00
	50	LOW	QPSK	20.54	20.23	20.32	21.00
10	1	LOW	Q16	20.07	19.84	20.31	21.00
		MID	Q16	20.10	20.03	20.30	21.00
		HIGH	Q16	19.55	19.55	20.31	21.00
	25	LOW	Q16	20.38	20.55	20.50	21.00
		MID	Q16	20.31	20.39	20.76	21.00
		HIGH	Q16	20.47	20.52	20.05	21.00
	50	LOW	Q16	20.40	20.29	20.15	21.00
10	1	LOW	64QAM	19.99	19.99	20.41	21.00
		MID	64QAM	20.22	19.83	20.54	21.00
		HIGH	64QAM	19.95	19.77	20.24	21.00
	25	LOW	64QAM	20.55	20.33	20.22	21.00
		MID	64QAM	20.56	20.38	20.50	21.00
		HIGH	64QAM	20.50	20.54	20.11	21.00
	50	LOW	64QAM	20.53	20.24	20.27	21.00

LTE B38-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.54	20.27	20.67	21.00
		MID	QPSK	20.74	20.21	20.59	21.00
		HIGH	QPSK	20.17	20.14	20.14	21.00
	36	LOW	QPSK	20.37	20.39	20.43	21.00
		MID	QPSK	20.56	20.43	20.38	21.00
		HIGH	QPSK	20.32	20.25	20.27	21.00
	75	LOW	QPSK	20.40	20.48	20.28	21.00
15	1	LOW	Q16	19.92	19.99	20.33	21.00
		MID	Q16	20.11	20.07	20.58	21.00
		HIGH	Q16	19.73	19.78	20.27	21.00
	36	LOW	Q16	20.26	20.46	20.38	21.00
		MID	Q16	20.36	20.58	20.77	21.00
		HIGH	Q16	20.46	20.38	20.09	21.00
	75	LOW	Q16	20.35	20.08	20.29	21.00
15	1	LOW	64QAM	20.10	20.16	20.34	21.00
		MID	64QAM	20.07	19.68	20.37	21.00
		HIGH	64QAM	19.84	19.60	20.28	21.00
	36	LOW	64QAM	20.43	20.24	20.33	21.00
		MID	64QAM	20.42	20.51	20.63	21.00
		HIGH	64QAM	20.45	20.46	19.90	21.00
	75	LOW	64QAM	20.50	20.41	20.36	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.16	20.22	20.06	21.00
		MID	QPSK	20.13	20.14	20.11	21.00
		HIGH	QPSK	20.21	20.22	20.11	21.00
	50	LOW	QPSK	20.37	20.40	20.33	21.00
		MID	QPSK	20.31	20.40	20.32	21.00
		HIGH	QPSK	20.39	20.36	20.16	21.00
	100	LOW	QPSK	20.44	20.36	20.28	21.00
20	1	LOW	Q16	20.05	19.94	20.44	21.00
		MID	Q16	20.17	19.92	20.45	21.00
		HIGH	Q16	19.69	19.67	20.29	21.00
	50	LOW	Q16	20.41	20.51	20.37	21.00
		MID	Q16	20.41	20.46	20.72	21.00
		HIGH	Q16	20.36	20.45	20.10	21.00
	100	LOW	Q16	20.34	20.19	20.19	21.00
20	1	LOW	64QAM	19.98	20.06	20.31	21.00
		MID	64QAM	20.17	19.81	20.41	21.00
		HIGH	64QAM	19.83	19.73	20.31	21.00
	50	LOW	64QAM	20.44	20.37	20.27	21.00
		MID	64QAM	20.46	20.48	20.63	21.00
		HIGH	64QAM	20.46	20.53	20.05	21.00
	100	LOW	64QAM	20.44	20.34	20.33	21.00

LTE B38-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.29	19.20	19.48	20.00
		MID	QPSK	19.30	19.26	19.50	20.00
		HIGH	QPSK	19.23	19.09	19.24	20.00
	12	LOW	QPSK	19.54	19.32	19.33	20.00
		MID	QPSK	19.36	19.25	19.19	20.00
		HIGH	QPSK	19.47	19.38	19.25	20.00
	25	LOW	QPSK	19.57	19.45	19.24	20.00
5	1	LOW	Q16	18.99	18.64	19.47	20.00
		MID	Q16	19.15	18.97	19.61	20.00
		HIGH	Q16	18.82	18.71	19.21	20.00
	12	LOW	Q16	19.53	19.65	19.37	20.00
		MID	Q16	19.69	19.61	19.23	20.00
		HIGH	Q16	19.36	19.33	19.30	20.00
	25	LOW	Q16	19.50	19.36	19.07	20.00
5	1	LOW	64QAM	19.01	18.47	19.12	20.00
		MID	64QAM	19.41	18.98	19.57	20.00
		HIGH	64QAM	18.91	18.72	18.87	20.00
	12	LOW	64QAM	19.55	19.78	19.28	20.00
		MID	64QAM	19.68	19.83	19.55	20.00
		HIGH	64QAM	19.36	19.22	19.33	20.00
	25	LOW	64QAM	19.33	19.21	18.98	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.20	19.01	19.56	20.00
		MID	QPSK	19.40	19.40	19.54	20.00
		HIGH	QPSK	19.27	18.89	19.30	20.00
	25	LOW	QPSK	19.58	19.56	19.51	20.00
		MID	QPSK	19.30	19.24	19.43	20.00
		HIGH	QPSK	19.44	19.25	19.34	20.00
	50	LOW	QPSK	19.40	19.34	19.20	20.00
10	1	LOW	Q16	18.92	18.64	19.53	20.00
		MID	Q16	19.23	18.94	19.50	20.00
		HIGH	Q16	19.00	18.53	19.01	20.00
	25	LOW	Q16	19.59	19.62	19.49	20.00
		MID	Q16	19.59	19.59	19.29	20.00
		HIGH	Q16	19.27	19.27	19.24	20.00
	50	LOW	Q16	19.43	19.30	19.09	20.00
10	1	LOW	64QAM	18.88	18.42	19.28	20.00
		MID	64QAM	19.21	19.18	19.48	20.00
		HIGH	64QAM	18.99	18.81	19.02	20.00
	25	LOW	64QAM	19.52	19.81	19.55	20.00
		MID	64QAM	19.85	19.86	19.57	20.00
		HIGH	64QAM	19.37	19.33	19.16	20.00
	50	LOW	64QAM	19.17	19.35	19.07	20.00

LTE B38-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.18	19.20	19.33	20.00
		MID	QPSK	19.23	19.13	19.67	20.00
		HIGH	QPSK	19.34	18.95	19.32	20.00
	36	LOW	QPSK	19.57	19.48	19.32	20.00
		MID	QPSK	19.50	19.44	19.36	20.00
		HIGH	QPSK	19.27	19.27	19.09	20.00
	75	LOW	QPSK	19.37	19.37	19.30	20.00
15	1	LOW	Q16	18.89	18.49	19.26	20.00
		MID	Q16	19.28	19.15	19.69	20.00
		HIGH	Q16	18.98	18.76	19.18	20.00
	36	LOW	Q16	19.56	19.83	19.39	20.00
		MID	Q16	19.56	19.70	19.25	20.00
		HIGH	Q16	19.27	19.27	19.30	20.00
	75	LOW	Q16	19.42	19.29	19.26	20.00
15	1	LOW	64QAM	18.90	18.40	19.32	20.00
		MID	64QAM	19.28	19.04	19.66	20.00
		HIGH	64QAM	19.05	18.89	18.96	20.00
	36	LOW	64QAM	19.47	19.86	19.31	20.00
		MID	64QAM	19.76	19.65	19.50	20.00
		HIGH	64QAM	19.57	19.23	19.12	20.00
	75	LOW	64QAM	19.37	19.28	19.00	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.13	19.16	19.04	20.00
		MID	QPSK	19.07	19.15	19.14	20.00
		HIGH	QPSK	19.14	19.01	19.11	20.00
	50	LOW	QPSK	19.40	19.42	19.36	20.00
		MID	QPSK	19.42	19.36	19.32	20.00
		HIGH	QPSK	19.42	19.38	19.21	20.00
	100	LOW	QPSK	19.45	19.40	19.25	20.00
20	1	LOW	Q16	18.99	18.58	19.40	20.00
		MID	Q16	19.18	19.06	19.57	20.00
		HIGH	Q16	18.85	18.64	19.07	20.00
	50	LOW	Q16	19.53	19.71	19.35	20.00
		MID	Q16	19.64	19.72	19.35	20.00
		HIGH	Q16	19.40	19.41	19.20	20.00
	100	LOW	Q16	19.36	19.21	19.22	20.00
20	1	LOW	64QAM	19.01	18.44	19.25	20.00
		MID	64QAM	19.32	19.05	19.57	20.00
		HIGH	64QAM	19.00	18.77	18.94	20.00
	50	LOW	64QAM	19.48	19.82	19.42	20.00
		MID	64QAM	19.71	19.76	19.43	20.00
		HIGH	64QAM	19.46	19.37	19.26	20.00
	100	LOW	64QAM	19.24	19.25	19.08	20.00

LTE B38-State3&4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	18.75	18.41	18.77	19.50
		MID	QPSK	19.36	18.80	19.07	19.50
		HIGH	QPSK	18.75	18.40	18.70	19.50
	12	LOW	QPSK	18.87	18.91	18.78	19.50
		MID	QPSK	18.77	18.82	18.79	19.50
		HIGH	QPSK	18.80	18.66	18.52	19.50
	25	LOW	QPSK	18.85	18.73	18.64	19.50
5	1	LOW	Q16	18.49	18.11	18.96	19.50
		MID	Q16	18.57	18.38	18.92	19.50
		HIGH	Q16	18.13	17.84	18.73	19.50
	12	LOW	Q16	18.74	18.98	18.78	19.50
		MID	Q16	18.95	18.95	18.58	19.50
		HIGH	Q16	18.84	18.98	18.51	19.50
	25	LOW	Q16	18.86	19.15	18.52	19.50
5	1	LOW	64QAM	18.14	18.10	19.10	19.50
		MID	64QAM	18.85	18.45	18.90	19.50
		HIGH	64QAM	17.98	17.96	18.92	19.50
	12	LOW	64QAM	18.84	19.20	18.85	19.50
		MID	64QAM	18.72	19.07	18.84	19.50
		HIGH	64QAM	18.96	18.74	18.54	19.50
	25	LOW	64QAM	18.96	18.95	18.57	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	18.99	18.39	18.97	19.50
		MID	QPSK	19.12	18.76	18.88	19.50
		HIGH	QPSK	18.53	18.39	18.56	19.50
	25	LOW	QPSK	18.86	18.71	18.95	19.50
		MID	QPSK	18.73	18.75	18.58	19.50
		HIGH	QPSK	18.90	18.77	18.66	19.50
	50	LOW	QPSK	18.91	18.65	18.61	19.50
10	1	LOW	Q16	18.38	17.93	18.90	19.50
		MID	Q16	18.51	18.63	19.01	19.50
		HIGH	Q16	18.38	17.94	18.60	19.50
	25	LOW	Q16	18.81	18.93	18.91	19.50
		MID	Q16	18.98	18.91	18.78	19.50
		HIGH	Q16	18.91	18.81	18.50	19.50
	50	LOW	Q16	18.77	19.10	18.51	19.50
10	1	LOW	64QAM	18.22	17.92	18.99	19.50
		MID	64QAM	18.80	18.46	19.13	19.50
		HIGH	64QAM	17.94	17.71	19.01	19.50
	25	LOW	64QAM	18.59	19.30	18.76	19.50
		MID	64QAM	18.67	18.99	18.66	19.50
		HIGH	64QAM	18.71	18.67	18.48	19.50
	50	LOW	64QAM	18.70	19.05	18.74	19.50

LTE B38-State3&4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	18.92	18.53	19.05	19.50
		MID	QPSK	19.10	18.74	19.08	19.50
		HIGH	QPSK	18.55	18.44	18.58	19.50
	36	LOW	QPSK	18.81	18.69	18.95	19.50
		MID	QPSK	18.90	18.73	18.55	19.50
		HIGH	QPSK	18.81	18.80	18.47	19.50
	75	LOW	QPSK	18.69	18.79	18.61	19.50
15	1	LOW	Q16	18.46	17.91	19.08	19.50
		MID	Q16	18.69	18.38	18.92	19.50
		HIGH	Q16	18.25	18.01	18.89	19.50
	36	LOW	Q16	18.91	19.12	18.89	19.50
		MID	Q16	18.70	18.86	18.79	19.50
		HIGH	Q16	18.79	19.08	18.67	19.50
	75	LOW	Q16	18.76	19.02	18.54	19.50
15	1	LOW	64QAM	18.21	17.88	19.05	19.50
		MID	64QAM	18.70	18.42	19.01	19.50
		HIGH	64QAM	18.12	17.76	18.99	19.50
	36	LOW	64QAM	18.61	19.29	18.72	19.50
		MID	64QAM	18.72	18.81	18.67	19.50
		HIGH	64QAM	18.96	18.81	18.52	19.50
	75	LOW	64QAM	18.70	18.79	18.58	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	18.39	18.44	18.41	19.50
		MID	QPSK	19.24	18.37	18.38	19.50
		HIGH	QPSK	18.35	18.41	18.33	19.50
	50	LOW	QPSK	18.80	18.81	18.80	19.50
		MID	QPSK	18.78	18.77	18.65	19.50
		HIGH	QPSK	18.80	18.78	18.53	19.50
	100	LOW	QPSK	18.80	18.79	18.66	19.50
20	1	LOW	Q16	18.41	18.04	19.00	19.50
		MID	Q16	18.60	18.48	18.99	19.50
		HIGH	Q16	18.24	17.89	18.75	19.50
	50	LOW	Q16	18.84	19.06	18.85	19.50
		MID	Q16	18.84	18.92	18.70	19.50
		HIGH	Q16	18.76	18.93	18.59	19.50
	100	LOW	Q16	18.82	19.05	18.60	19.50
20	1	LOW	64QAM	18.27	17.97	18.95	19.50
		MID	64QAM	18.72	18.36	19.03	19.50
		HIGH	64QAM	18.09	17.81	18.88	19.50
	50	LOW	64QAM	18.73	19.18	18.76	19.50
		MID	64QAM	18.82	18.94	18.70	19.50
		HIGH	64QAM	18.82	18.82	18.61	19.50
	100	LOW	64QAM	18.83	18.90	18.63	19.50

8.4.10 LTE Band38 Output Power

LTE B38-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.32	24.57	24.34	24.60
		MID	QPSK	24.41	24.24	24.33	24.60
		HIGH	QPSK	24.28	24.45	24.37	24.60
	12	LOW	QPSK	23.28	23.40	23.35	23.60
		MID	QPSK	23.43	23.36	23.51	23.60
		HIGH	QPSK	23.49	23.50	23.38	23.60
	25	LOW	QPSK	23.39	23.36	23.60	23.60
5	1	LOW	Q16	23.42	23.06	23.39	23.60
		MID	Q16	23.38	23.15	23.29	23.60
		HIGH	Q16	23.18	22.70	23.48	23.60
	12	LOW	Q16	22.50	22.37	22.49	22.60
		MID	Q16	22.49	22.22	22.53	22.60
		HIGH	Q16	22.59	22.40	22.21	22.60
	25	LOW	Q16	22.23	22.55	22.32	22.60
5	1	LOW	64QAM	22.38	21.96	22.29	22.60
		MID	64QAM	22.45	22.00	22.25	22.60
		HIGH	64QAM	22.24	21.68	22.42	22.60
	12	LOW	64QAM	21.40	21.54	21.47	21.60
		MID	64QAM	21.56	21.27	21.52	21.60
		HIGH	64QAM	21.34	21.50	21.48	21.60
	25	LOW	64QAM	21.22	21.50	21.15	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.18	24.31	24.26	24.60
		MID	QPSK	24.28	24.24	24.54	24.60
		HIGH	QPSK	24.13	24.34	24.45	24.60
	25	LOW	QPSK	23.28	23.28	23.48	23.60
		MID	QPSK	23.36	23.22	23.33	23.60
		HIGH	QPSK	23.57	23.45	23.60	23.60
	50	LOW	QPSK	23.26	23.25	23.58	23.60
10	1	LOW	Q16	23.60	22.96	23.58	23.60
		MID	Q16	23.51	22.97	23.20	23.60
		HIGH	Q16	23.33	22.64	23.52	23.60
	25	LOW	Q16	22.39	22.51	22.38	22.60
		MID	Q16	22.45	22.23	22.25	22.60
		HIGH	Q16	22.52	22.48	22.17	22.60
	50	LOW	Q16	22.23	22.42	22.43	22.60
10	1	LOW	64QAM	22.38	21.86	22.53	22.60
		MID	64QAM	22.49	21.85	22.40	22.60
		HIGH	64QAM	22.16	21.78	22.52	22.60
	25	LOW	64QAM	21.54	21.59	21.28	21.60
		MID	64QAM	21.28	21.33	21.38	21.60
		HIGH	64QAM	21.47	21.23	21.34	21.60
	50	LOW	64QAM	21.27	21.34	21.23	21.60

LTE B38-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.23	24.34	24.42	24.60
		MID	QPSK	24.37	24.27	24.56	24.60
		HIGH	QPSK	24.33	24.38	24.21	24.60
	36	LOW	QPSK	23.32	23.43	23.34	23.60
		MID	QPSK	23.48	23.37	23.26	23.60
		HIGH	QPSK	23.49	23.31	23.42	23.60
	75	LOW	QPSK	23.32	23.39	23.55	23.60
15	1	LOW	Q16	23.49	22.93	23.58	23.60
		MID	Q16	23.60	22.91	23.34	23.60
		HIGH	Q16	23.14	22.56	23.40	23.60
	36	LOW	Q16	22.31	22.43	22.48	22.60
		MID	Q16	22.26	22.40	22.54	22.60
		HIGH	Q16	22.59	22.58	22.36	22.60
	75	LOW	Q16	22.44	22.55	22.42	22.60
15	1	LOW	64QAM	22.56	21.80	22.48	22.60
		MID	64QAM	22.54	21.95	22.46	22.60
		HIGH	64QAM	22.31	21.56	22.43	22.60
	36	LOW	64QAM	21.41	21.47	21.30	21.60
		MID	64QAM	21.55	21.54	21.41	21.60
		HIGH	64QAM	21.28	21.32	21.35	21.60
	75	LOW	64QAM	21.39	21.38	21.22	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.29	24.46	24.32	24.60
		MID	QPSK	24.39	24.32	24.45	24.60
		HIGH	QPSK	24.19	24.35	24.32	24.60
	50	LOW	QPSK	23.42	23.43	23.36	23.60
		MID	QPSK	23.41	23.30	23.36	23.60
		HIGH	QPSK	23.55	23.41	23.35	23.60
	100	LOW	QPSK	23.31	23.29	23.59	23.60
20	1	LOW	Q16	23.50	22.98	23.52	23.60
		MID	Q16	23.53	23.04	23.29	23.60
		HIGH	Q16	23.23	22.62	23.52	23.60
	50	LOW	Q16	22.40	22.46	22.37	22.60
		MID	Q16	22.37	22.37	22.39	22.60
		HIGH	Q16	22.52	22.52	22.29	22.60
	100	LOW	Q16	22.33	22.57	22.29	22.60
20	1	LOW	64QAM	22.52	21.89	22.42	22.60
		MID	64QAM	22.58	21.92	22.33	22.60
		HIGH	64QAM	22.28	21.64	22.52	22.60
	50	LOW	64QAM	21.44	21.59	21.41	21.60
		MID	64QAM	21.41	21.41	21.51	21.60
		HIGH	64QAM	21.41	21.37	21.42	21.60
	100	LOW	64QAM	21.27	21.45	21.19	21.60

LTE B38-State1&2&3&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.32	24.57	24.34	24.60
		MID	QPSK	24.41	24.24	24.33	24.60
		HIGH	QPSK	24.28	24.45	24.37	24.60
	12	LOW	QPSK	23.28	23.40	23.35	23.60
		MID	QPSK	23.43	23.36	23.51	23.60
		HIGH	QPSK	23.49	23.50	23.38	23.60
	25	LOW	QPSK	23.39	23.36	23.60	23.60
5	1	LOW	Q16	23.42	23.06	23.39	23.60
		MID	Q16	23.38	23.15	23.29	23.60
		HIGH	Q16	23.18	22.70	23.48	23.60
	12	LOW	Q16	22.50	22.37	22.49	22.60
		MID	Q16	22.49	22.22	22.53	22.60
		HIGH	Q16	22.59	22.40	22.21	22.60
	25	LOW	Q16	22.23	22.55	22.32	22.60
5	1	LOW	64QAM	22.38	21.96	22.29	22.60
		MID	64QAM	22.45	22.00	22.25	22.60
		HIGH	64QAM	22.24	21.68	22.42	22.60
	12	LOW	64QAM	21.40	21.54	21.47	21.60
		MID	64QAM	21.56	21.27	21.52	21.60
		HIGH	64QAM	21.34	21.50	21.48	21.60
	25	LOW	64QAM	21.22	21.50	21.15	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.18	24.31	24.26	24.60
		MID	QPSK	24.28	24.24	24.54	24.60
		HIGH	QPSK	24.13	24.34	24.45	24.60
	25	LOW	QPSK	23.28	23.28	23.48	23.60
		MID	QPSK	23.36	23.22	23.33	23.60
		HIGH	QPSK	23.57	23.45	23.60	23.60
	50	LOW	QPSK	23.26	23.25	23.58	23.60
10	1	LOW	Q16	23.60	22.96	23.58	23.60
		MID	Q16	23.51	22.97	23.20	23.60
		HIGH	Q16	23.33	22.64	23.52	23.60
	25	LOW	Q16	22.39	22.51	22.38	22.60
		MID	Q16	22.45	22.23	22.25	22.60
		HIGH	Q16	22.52	22.48	22.17	22.60
	50	LOW	Q16	22.23	22.42	22.43	22.60
10	1	LOW	64QAM	22.38	21.86	22.53	22.60
		MID	64QAM	22.49	21.85	22.40	22.60
		HIGH	64QAM	22.16	21.78	22.52	22.60
	25	LOW	64QAM	21.54	21.59	21.28	21.60
		MID	64QAM	21.28	21.33	21.38	21.60
		HIGH	64QAM	21.47	21.23	21.34	21.60
	50	LOW	64QAM	21.27	21.34	21.23	21.60

LTE B38-State1&2&3&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.23	24.34	24.42	24.60
		MID	QPSK	24.37	24.27	24.56	24.60
		HIGH	QPSK	24.33	24.38	24.21	24.60
	36	LOW	QPSK	23.32	23.43	23.34	23.60
		MID	QPSK	23.48	23.37	23.26	23.60
		HIGH	QPSK	23.49	23.31	23.42	23.60
	75	LOW	QPSK	23.32	23.39	23.55	23.60
15	1	LOW	Q16	23.49	22.93	23.58	23.60
		MID	Q16	23.60	22.91	23.34	23.60
		HIGH	Q16	23.14	22.56	23.40	23.60
	36	LOW	Q16	22.31	22.43	22.48	22.60
		MID	Q16	22.26	22.40	22.54	22.60
		HIGH	Q16	22.59	22.58	22.36	22.60
	75	LOW	Q16	22.44	22.55	22.42	22.60
15	1	LOW	64QAM	22.56	21.80	22.48	22.60
		MID	64QAM	22.54	21.95	22.46	22.60
		HIGH	64QAM	22.31	21.56	22.43	22.60
	36	LOW	64QAM	21.41	21.47	21.30	21.60
		MID	64QAM	21.55	21.54	21.41	21.60
		HIGH	64QAM	21.28	21.32	21.35	21.60
	75	LOW	64QAM	21.39	21.38	21.22	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.29	24.46	24.32	24.60
		MID	QPSK	24.39	24.32	24.45	24.60
		HIGH	QPSK	24.19	24.35	24.32	24.60
	50	LOW	QPSK	23.42	23.43	23.36	23.60
		MID	QPSK	23.41	23.30	23.36	23.60
		HIGH	QPSK	23.55	23.41	23.35	23.60
	100	LOW	QPSK	23.31	23.29	23.59	23.60
20	1	LOW	Q16	23.50	22.98	23.52	23.60
		MID	Q16	23.53	23.04	23.29	23.60
		HIGH	Q16	23.23	22.62	23.52	23.60
	50	LOW	Q16	22.40	22.46	22.37	22.60
		MID	Q16	22.37	22.37	22.39	22.60
		HIGH	Q16	22.52	22.52	22.29	22.60
	100	LOW	Q16	22.33	22.57	22.29	22.60
20	1	LOW	64QAM	22.52	21.89	22.42	22.60
		MID	64QAM	22.58	21.92	22.33	22.60
		HIGH	64QAM	22.28	21.64	22.52	22.60
	50	LOW	64QAM	21.44	21.59	21.41	21.60
		MID	64QAM	21.41	21.41	21.51	21.60
		HIGH	64QAM	21.41	21.37	21.42	21.60
	100	LOW	64QAM	21.27	21.45	21.19	21.60

8.4.11 LTE Band41 Output Power

LTE B41-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	24.30	23.87	23.96	25.00
		MID	QPSK	24.48	24.40	24.17	25.00
		HIGH	QPSK	24.15	23.99	23.72	25.00
	12	LOW	QPSK	23.89	23.88	23.98	24.00
		MID	QPSK	23.96	23.94	23.88	24.00
		HIGH	QPSK	23.99	23.97	23.99	24.00
5	1	LOW	Q16	22.35	22.42	22.22	24.00
		MID	Q16	22.33	22.27	22.30	24.00
		HIGH	Q16	22.02	22.17	22.13	24.00
	12	LOW	Q16	22.86	22.93	22.83	23.00
		MID	Q16	22.91	22.98	22.94	23.00
		HIGH	Q16	22.86	22.92	22.85	23.00
5	1	LOW	Q16	22.85	22.86	22.95	23.00
	12	LOW	64QAM	21.34	21.18	21.04	23.00
		MID	64QAM	21.49	21.27	21.01	23.00
		HIGH	64QAM	21.12	21.11	21.05	23.00
	25	LOW	64QAM	21.94	21.92	21.77	22.00
		MID	64QAM	21.80	21.95	21.77	22.00
5	12	MID	64QAM	21.80	21.95	21.77	22.00
		HIGH	64QAM	21.96	21.98	21.91	22.00
		LOW	64QAM	21.77	21.98	21.83	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	24.18	23.87	23.88	25.00
		MID	QPSK	24.31	24.24	24.30	25.00
		HIGH	QPSK	24.06	23.81	23.91	25.00
	25	LOW	QPSK	23.89	23.86	23.99	24.00
		MID	QPSK	23.94	23.93	23.99	24.00
		HIGH	QPSK	23.94	23.98	23.95	24.00
10	50	LOW	QPSK	23.81	23.97	23.89	24.00
	1	LOW	Q16	22.42	22.38	22.12	24.00
		MID	Q16	22.31	22.42	22.12	24.00
		HIGH	Q16	22.04	22.09	22.00	24.00
	25	LOW	Q16	22.84	22.79	22.87	23.00
		MID	Q16	22.93	22.91	22.92	23.00
10	50	HIGH	Q16	22.88	22.92	23.00	23.00
	1	LOW	Q16	22.85	22.81	22.80	23.00
		LOW	64QAM	21.25	21.24	21.18	23.00
	25	MID	64QAM	21.61	21.43	21.13	23.00
		HIGH	64QAM	21.19	21.12	21.12	23.00
		LOW	64QAM	21.79	21.82	21.76	22.00
10	50	MID	64QAM	21.81	21.89	21.67	22.00
		HIGH	64QAM	21.83	21.92	21.80	22.00
		LOW	64QAM	21.77	21.84	21.89	22.00

LTE B41-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	24.39	23.93	24.02	25.00
		MID	QPSK	24.31	24.22	24.29	25.00
		HIGH	QPSK	24.15	23.82	23.97	25.00
	36	LOW	QPSK	23.92	24.00	24.00	24.00
		MID	QPSK	23.95	23.85	23.88	24.00
		HIGH	QPSK	23.95	23.86	24.00	24.00
	75	LOW	QPSK	23.83	23.83	23.89	24.00
15	1	LOW	Q16	22.14	22.19	22.08	24.00
		MID	Q16	22.33	22.41	22.24	24.00
		HIGH	Q16	22.14	22.07	22.03	24.00
	36	LOW	Q16	22.95	22.85	22.84	23.00
		MID	Q16	22.87	22.99	22.82	23.00
		HIGH	Q16	22.93	22.82	22.95	23.00
	75	LOW	Q16	22.81	22.80	22.93	23.00
15	1	LOW	64QAM	21.34	21.13	21.11	23.00
		MID	64QAM	21.38	21.49	21.23	23.00
		HIGH	64QAM	21.19	21.20	21.10	23.00
	36	LOW	64QAM	21.78	21.85	21.70	22.00
		MID	64QAM	21.78	21.83	21.72	22.00
		HIGH	64QAM	21.84	21.87	22.00	22.00
	75	LOW	64QAM	21.80	21.84	21.94	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	24.26	24.02	23.92	25.00
		MID	QPSK	24.40	24.37	24.20	25.00
		HIGH	QPSK	24.05	23.96	23.86	25.00
	50	LOW	QPSK	23.94	23.93	23.93	24.00
		MID	QPSK	23.93	23.95	23.98	24.00
		HIGH	QPSK	23.94	24.00	23.99	24.00
20	100	LOW	QPSK	23.90	23.96	24.00	24.00
	1	LOW	Q16	22.29	22.30	22.17	24.00
		MID	Q16	22.45	22.34	22.22	24.00
		HIGH	Q16	22.05	22.06	22.02	24.00
	50	LOW	Q16	22.97	22.92	22.98	23.00
		MID	Q16	22.97	22.95	22.91	23.00
		HIGH	Q16	22.97	22.91	22.94	23.00
20	100	LOW	Q16	22.93	22.95	22.93	23.00
	1	LOW	64QAM	21.37	21.15	21.06	23.00
		MID	64QAM	21.50	21.40	21.10	23.00
		HIGH	64QAM	21.15	21.06	21.02	23.00
	50	LOW	64QAM	21.89	21.91	21.83	22.00
		MID	64QAM	21.88	21.93	21.78	22.00
		HIGH	64QAM	21.89	22.00	21.91	22.00
20	100	LOW	64QAM	21.88	21.89	21.94	22.00
		LOW	64QAM	21.88	21.89	21.94	22.00

LTE B41-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	19.43	19.23	18.91	20.00
		MID	QPSK	19.86	19.46	19.13	20.00
		HIGH	QPSK	19.50	19.09	18.84	20.00
	12	LOW	QPSK	19.51	19.09	19.10	20.00
		MID	QPSK	19.33	19.23	19.13	20.00
		HIGH	QPSK	19.46	19.24	19.06	20.00
25	LOW	QPSK	19.58	19.02	19.04	20.00	
5	1	LOW	Q16	19.43	18.74	18.65	20.00
		MID	Q16	19.55	19.42	18.71	20.00
		HIGH	Q16	19.59	18.80	18.48	20.00
	12	LOW	Q16	19.37	19.31	19.05	20.00
		MID	Q16	19.29	19.28	19.18	20.00
		HIGH	Q16	19.32	19.04	19.16	20.00
25	LOW	Q16	19.42	19.22	19.10	20.00	
5	1	LOW	64QAM	19.50	18.74	18.48	20.00
		MID	64QAM	19.51	19.41	18.75	20.00
		HIGH	64QAM	19.52	18.83	18.61	20.00
	12	LOW	64QAM	19.53	19.40	19.18	20.00
		MID	64QAM	19.68	19.12	19.31	20.00
		HIGH	64QAM	19.31	18.89	19.13	20.00
25	LOW	64QAM	19.50	18.99	18.73	20.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	19.43	19.25	18.76	20.00
		MID	QPSK	19.94	19.71	19.15	20.00
		HIGH	QPSK	19.48	19.04	18.66	20.00
	25	LOW	QPSK	19.33	19.22	19.07	20.00
		MID	QPSK	19.37	19.08	19.27	20.00
		HIGH	QPSK	19.45	19.03	19.17	20.00
50	LOW	QPSK	19.28	19.12	19.21	20.00	
10	1	LOW	Q16	19.66	18.50	18.52	20.00
		MID	Q16	19.64	19.45	18.54	20.00
		HIGH	Q16	19.42	18.74	18.43	20.00
	25	LOW	Q16	19.40	19.27	19.18	20.00
		MID	Q16	19.29	19.12	19.19	20.00
		HIGH	Q16	19.39	19.24	19.26	20.00
50	LOW	Q16	19.36	19.14	18.99	20.00	
10	1	LOW	64QAM	19.45	18.52	18.57	20.00
		MID	64QAM	19.62	19.42	18.60	20.00
		HIGH	64QAM	19.67	18.69	18.46	20.00
	25	LOW	64QAM	19.26	19.37	19.19	20.00
		MID	64QAM	19.62	19.12	19.33	20.00
		HIGH	64QAM	19.46	18.92	19.21	20.00
50	LOW	64QAM	19.62	19.18	18.79	20.00	

LTE B41-State1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	19.46	19.34	18.86	20.00
		MID	QPSK	19.79	19.55	18.99	20.00
		HIGH	QPSK	19.65	19.05	18.82	20.00
	36	LOW	QPSK	19.42	19.10	19.10	20.00
		MID	QPSK	19.55	19.21	19.04	20.00
		HIGH	QPSK	19.52	19.28	19.07	20.00
	75	LOW	QPSK	19.41	19.26	19.20	20.00
15	1	LOW	Q16	19.40	18.51	18.69	20.00
		MID	Q16	19.65	19.23	18.43	20.00
		HIGH	Q16	19.63	18.78	18.39	20.00
	36	LOW	Q16	19.54	19.25	19.28	20.00
		MID	Q16	19.53	19.09	19.33	20.00
		HIGH	Q16	19.22	19.27	19.35	20.00
	75	LOW	Q16	19.47	19.03	18.91	20.00
15	1	LOW	64QAM	19.41	18.48	18.75	20.00
		MID	64QAM	19.62	19.28	18.66	20.00
		HIGH	64QAM	19.63	18.90	18.34	20.00
	36	LOW	64QAM	19.45	19.33	19.25	20.00
		MID	64QAM	19.50	19.16	19.31	20.00
		HIGH	64QAM	19.38	18.99	19.21	20.00
	75	LOW	64QAM	19.50	19.06	18.72	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	19.19	19.28	18.83	20.00
		MID	QPSK	19.27	19.27	19.00	20.00
		HIGH	QPSK	19.22	18.99	18.79	20.00
	50	LOW	QPSK	19.13	19.16	19.14	20.00
		MID	QPSK	19.12	19.11	19.16	20.00
		HIGH	QPSK	19.15	19.13	19.12	20.00
100	LOW	QPSK	19.43	19.12	19.16	20.00	
20	1	LOW	Q16	19.51	18.62	18.66	20.00
		MID	Q16	19.61	19.30	18.56	20.00
		HIGH	Q16	19.52	18.69	18.48	20.00
	50	LOW	Q16	19.50	19.16	19.19	20.00
		MID	Q16	19.40	19.16	19.20	20.00
		HIGH	Q16	19.37	19.16	19.26	20.00
	100	LOW	Q16	19.40	19.10	19.01	20.00
20	1	LOW	64QAM	19.38	18.61	18.63	20.00
		MID	64QAM	19.66	19.35	18.63	20.00
		HIGH	64QAM	19.60	18.75	18.49	20.00
	50	LOW	64QAM	19.40	19.28	19.23	20.00
		MID	64QAM	19.55	19.01	19.25	20.00
		HIGH	64QAM	19.43	19.03	19.21	20.00
	100	LOW	64QAM	19.55	19.10	18.87	20.00

LTE B41-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	18.23	18.48	18.14	19.00
		MID	QPSK	18.37	18.57	18.75	19.00
		HIGH	QPSK	18.48	17.91	18.49	19.00
	12	LOW	QPSK	18.42	18.04	18.43	19.00
		MID	QPSK	18.41	18.17	18.43	19.00
		HIGH	QPSK	18.52	18.13	18.48	19.00
	25	LOW	QPSK	18.42	18.25	18.43	19.00
5	1	LOW	Q16	18.34	17.48	18.21	19.00
		MID	Q16	17.91	17.23	18.73	19.00
		HIGH	Q16	17.90	17.04	18.12	19.00
	12	LOW	Q16	18.63	18.24	18.61	19.00
		MID	Q16	18.50	18.31	18.42	19.00
		HIGH	Q16	18.52	18.17	18.50	19.00
	25	LOW	Q16	18.42	17.90	18.37	19.00
5	1	LOW	64QAM	18.50	17.69	18.27	19.00
		MID	64QAM	17.86	17.47	18.70	19.00
		HIGH	64QAM	17.97	17.11	18.16	19.00
	12	LOW	64QAM	18.50	17.87	18.39	19.00
		MID	64QAM	18.80	18.02	18.80	19.00
		HIGH	64QAM	18.51	18.38	18.69	19.00
	25	LOW	64QAM	18.31	17.89	18.39	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	18.44	18.36	18.31	19.00
		MID	QPSK	18.59	18.37	18.73	19.00
		HIGH	QPSK	18.34	17.98	18.47	19.00
	25	LOW	QPSK	18.55	18.24	18.57	19.00
		MID	QPSK	18.38	18.30	18.54	19.00
		HIGH	QPSK	18.35	18.27	18.49	19.00
50	LOW	QPSK	18.39	18.15	18.60	19.00	
10	1	LOW	Q16	18.42	17.73	18.25	19.00
		MID	Q16	18.04	17.37	18.55	19.00
		HIGH	Q16	17.96	17.03	18.17	19.00
	25	LOW	Q16	18.64	18.18	18.35	19.00
		MID	Q16	18.46	18.07	18.54	19.00
		HIGH	Q16	18.31	18.11	18.68	19.00
	50	LOW	Q16	18.42	17.93	18.38	19.00
10	1	LOW	64QAM	18.24	17.44	18.28	19.00
		MID	64QAM	17.89	17.45	18.55	19.00
		HIGH	64QAM	18.09	17.22	18.37	19.00
	25	LOW	64QAM	18.44	18.02	18.56	19.00
		MID	64QAM	18.70	18.15	18.74	19.00
		HIGH	64QAM	18.45	18.36	18.60	19.00
	50	LOW	64QAM	18.13	17.88	18.32	19.00

LTE B41-State2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	18.22	18.24	18.22	19.00
		MID	QPSK	18.64	18.48	18.79	19.00
		HIGH	QPSK	18.30	17.86	18.35	19.00
	36	LOW	QPSK	18.57	18.20	18.57	19.00
		MID	QPSK	18.45	18.17	18.48	19.00
		HIGH	QPSK	18.27	18.26	18.49	19.00
	75	LOW	QPSK	18.39	18.11	18.41	19.00
15	1	LOW	Q16	18.33	17.57	18.13	19.00
		MID	Q16	18.05	17.44	18.64	19.00
		HIGH	Q16	18.00	17.21	18.03	19.00
	36	LOW	Q16	18.61	18.14	18.50	19.00
		MID	Q16	18.68	18.05	18.67	19.00
		HIGH	Q16	18.40	18.04	18.52	19.00
	75	LOW	Q16	18.42	17.92	18.57	19.00
15	1	LOW	64QAM	18.49	17.68	18.12	19.00
		MID	64QAM	17.84	17.35	18.63	19.00
		HIGH	64QAM	17.88	17.21	18.30	19.00
	36	LOW	64QAM	18.52	17.99	18.38	19.00
		MID	64QAM	18.80	18.18	18.80	19.00
		HIGH	64QAM	18.42	18.21	18.52	19.00
	75	LOW	64QAM	18.31	18.00	18.53	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	18.29	18.34	18.26	19.00
		MID	QPSK	18.29	18.25	18.26	19.00
		HIGH	QPSK	18.30	17.95	18.33	19.00
	50	LOW	QPSK	18.05	18.11	18.06	19.00
		MID	QPSK	18.03	18.10	18.06	19.00
		HIGH	QPSK	18.09	18.10	18.01	19.00
100	LOW	QPSK	18.39	18.21	18.47	19.00	
20	1	LOW	Q16	18.46	17.62	18.22	19.00
		MID	Q16	18.04	17.37	18.59	19.00
		HIGH	Q16	17.90	17.12	18.18	19.00
	50	LOW	Q16	18.51	18.14	18.46	19.00
		MID	Q16	18.61	18.19	18.57	19.00
		HIGH	Q16	18.40	18.18	18.53	19.00
100	LOW	Q16	18.36	18.01	18.44	19.00	
20	1	LOW	64QAM	18.38	17.56	18.27	19.00
		MID	64QAM	17.97	17.47	18.58	19.00
		HIGH	64QAM	17.95	17.08	18.27	19.00
	50	LOW	64QAM	18.54	18.00	18.50	19.00
		MID	64QAM	18.76	18.08	18.72	19.00
		HIGH	64QAM	18.40	18.24	18.63	19.00
	100	LOW	64QAM	18.26	17.91	18.46	19.00

LTE B41-State3&State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	17.84	17.48	17.33	18.50
		MID	QPSK	18.33	17.95	17.66	18.50
		HIGH	QPSK	17.84	17.57	17.46	18.50
	12	LOW	QPSK	17.99	17.41	17.61	18.50
		MID	QPSK	17.79	17.74	17.48	18.50
		HIGH	QPSK	17.92	17.73	17.72	18.50
	25	LOW	QPSK	18.02	17.57	17.53	18.50
5	1	LOW	Q16	17.85	17.17	17.02	18.50
		MID	Q16	18.19	17.69	16.97	18.50
		HIGH	Q16	17.90	17.12	16.50	18.50
	12	LOW	Q16	18.12	17.74	17.73	18.50
		MID	Q16	17.98	17.74	17.90	18.50
		HIGH	Q16	18.02	17.49	17.89	18.50
	25	LOW	Q16	17.84	17.56	17.99	18.50
5	1	LOW	64QAM	18.01	17.30	17.09	18.50
		MID	64QAM	18.06	17.54	16.82	18.50
		HIGH	64QAM	17.84	17.15	16.78	18.50
	12	LOW	64QAM	18.16	17.54	17.92	18.50
		MID	64QAM	18.16	17.71	17.95	18.50
		HIGH	64QAM	17.83	17.72	17.92	18.50
	25	LOW	64QAM	17.81	17.69	17.95	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	17.76	17.46	17.38	18.50
		MID	QPSK	18.35	18.03	17.63	18.50
		HIGH	QPSK	17.73	17.50	17.30	18.50
	25	LOW	QPSK	18.00	17.38	17.53	18.50
		MID	QPSK	17.84	17.72	17.64	18.50
		HIGH	QPSK	17.92	17.48	17.63	18.50
50	LOW	QPSK	17.79	17.45	17.64	18.50	
10	1	LOW	Q16	18.03	17.18	17.07	18.50
		MID	Q16	18.06	17.46	16.85	18.50
		HIGH	Q16	17.67	16.95	16.63	18.50
	25	LOW	Q16	17.99	17.56	17.69	18.50
		MID	Q16	18.12	17.70	17.66	18.50
		HIGH	Q16	18.00	17.50	17.86	18.50
	50	LOW	Q16	17.74	17.48	17.82	18.50
10	1	LOW	64QAM	18.07	17.16	16.97	18.50
		MID	64QAM	18.05	17.57	16.83	18.50
		HIGH	64QAM	17.74	17.12	16.70	18.50
	25	LOW	64QAM	18.22	17.54	17.74	18.50
		MID	64QAM	18.06	17.62	17.79	18.50
		HIGH	64QAM	17.86	17.86	18.03	18.50
	50	LOW	64QAM	17.87	17.43	17.94	18.50

LTE B41-State3&State4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	18.04	17.31	17.43	18.50
		MID	QPSK	18.26	17.80	17.55	18.50
		HIGH	QPSK	17.79	17.48	17.38	18.50
	36	LOW	QPSK	18.11	17.59	17.73	18.50
		MID	QPSK	17.85	17.81	17.56	18.50
		HIGH	QPSK	17.88	17.67	17.64	18.50
75	LOW	QPSK	18.01	17.61	17.71	18.50	
15	1	LOW	Q16	17.77	17.13	17.10	18.50
		MID	Q16	18.28	17.68	16.87	18.50
		HIGH	Q16	17.75	16.94	16.73	18.50
	36	LOW	Q16	18.20	17.67	17.65	18.50
		MID	Q16	18.09	17.87	17.83	18.50
		HIGH	Q16	17.98	17.55	17.90	18.50
75	LOW	Q16	17.83	17.43	17.96	18.50	
15	1	LOW	64QAM	17.97	17.10	16.92	18.50
		MID	64QAM	17.95	17.73	17.02	18.50
		HIGH	64QAM	17.70	17.03	16.55	18.50
	36	LOW	64QAM	18.02	17.61	17.90	18.50
		MID	64QAM	17.90	17.61	17.74	18.50
		HIGH	64QAM	17.91	17.77	17.99	18.50
75	LOW	64QAM	18.07	17.56	17.81	18.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	17.39	17.44	17.39	18.50
		MID	QPSK	17.26	17.41	17.42	18.50
		HIGH	QPSK	17.37	17.42	17.44	18.50
	50	LOW	QPSK	17.46	17.52	17.42	18.50
		MID	QPSK	17.41	17.45	17.40	18.50
		HIGH	QPSK	17.35	17.50	17.47	18.50
100	LOW	QPSK	17.88	17.56	17.62	18.50	
20	1	LOW	Q16	17.88	17.03	17.12	18.50
		MID	Q16	18.13	17.58	16.95	18.50
		HIGH	Q16	17.75	17.02	16.65	18.50
	50	LOW	Q16	18.09	17.60	17.80	18.50
		MID	Q16	17.99	17.84	17.80	18.50
		HIGH	Q16	17.94	17.61	17.85	18.50
100	LOW	Q16	17.88	17.57	17.91	18.50	
20	1	LOW	64QAM	17.97	17.15	16.98	18.50
		MID	64QAM	17.99	17.68	16.95	18.50
		HIGH	64QAM	17.80	17.02	16.66	18.50
	50	LOW	64QAM	18.09	17.66	17.87	18.50
		MID	64QAM	18.05	17.75	17.87	18.50
		HIGH	64QAM	17.86	17.74	17.97	18.50
100	LOW	64QAM	17.94	17.57	17.86	18.50	

8.4.11 LTE Band41 Output Power

LTE B41-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	24.19	24.27	24.47	24.60
		MID	QPSK	24.15	24.38	24.08	24.60
		HIGH	QPSK	24.35	24.45	24.30	24.60
	12	LOW	QPSK	24.25	24.25	24.31	24.60
		MID	QPSK	24.49	24.21	24.36	24.60
		HIGH	QPSK	24.41	24.12	24.15	24.60
	25	LOW	QPSK	24.17	24.33	24.32	24.60
5	1	LOW	Q16	24.50	24.50	24.43	24.60
		MID	Q16	24.41	24.50	24.53	24.60
		HIGH	Q16	24.36	24.53	24.53	24.60
	12	LOW	Q16	23.49	23.49	23.57	23.60
		MID	Q16	23.46	23.48	23.60	23.60
		HIGH	Q16	23.49	23.51	23.48	23.60
	25	LOW	Q16	23.45	23.43	23.52	23.60
5	1	LOW	64QAM	22.50	22.55	22.57	22.60
		MID	64QAM	22.59	22.51	22.45	22.60
		HIGH	64QAM	22.48	22.50	22.55	22.60
	12	LOW	64QAM	21.36	21.58	21.38	21.60
		MID	64QAM	21.51	21.56	21.51	21.60
		HIGH	64QAM	21.57	21.55	21.56	21.60
	25	LOW	64QAM	21.48	21.52	21.24	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	24.14	24.31	24.29	24.60
		MID	QPSK	24.20	24.12	24.12	24.60
		HIGH	QPSK	24.32	24.27	24.59	24.60
	25	LOW	QPSK	24.25	24.37	24.24	24.60
		MID	QPSK	24.37	24.17	24.30	24.60
		HIGH	QPSK	24.26	24.20	24.17	24.60
	50	LOW	QPSK	24.34	24.34	24.22	24.60
10	1	LOW	Q16	24.46	24.44	24.58	24.60
		MID	Q16	24.55	24.47	24.53	24.60
		HIGH	Q16	24.60	24.52	24.45	24.60
	25	LOW	Q16	23.57	23.59	23.44	23.60
		MID	Q16	23.43	23.55	23.52	23.60
		HIGH	Q16	23.53	23.40	23.48	23.60
	50	LOW	Q16	23.39	23.51	23.60	23.60
10	1	LOW	64QAM	22.50	22.49	22.51	22.60
		MID	64QAM	22.58	22.49	22.57	22.60
		HIGH	64QAM	22.48	22.44	22.45	22.60
	25	LOW	64QAM	21.49	21.57	21.43	21.60
		MID	64QAM	21.34	21.56	21.40	21.60
		HIGH	64QAM	21.58	21.46	21.58	21.60
	50	LOW	64QAM	21.37	21.46	21.38	21.60

LTE B41-Full Power -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	24.20	24.21	24.46	24.60
		MID	QPSK	24.29	24.28	24.20	24.60
		HIGH	QPSK	24.11	24.33	24.38	24.60
	36	LOW	QPSK	24.31	24.42	24.26	24.60
		MID	QPSK	24.31	24.32	24.32	24.60
		HIGH	QPSK	24.39	24.09	24.25	24.60
	75	LOW	QPSK	24.16	24.27	24.22	24.60
15	1	LOW	Q16	24.48	24.53	24.41	24.60
		MID	Q16	24.57	24.59	24.50	24.60
		HIGH	Q16	24.47	24.58	24.48	24.60
	36	LOW	Q16	23.50	23.54	23.49	23.60
		MID	Q16	23.46	23.50	23.49	23.60
		HIGH	Q16	23.59	23.38	23.51	23.60
	75	LOW	Q16	23.48	23.54	23.43	23.60
15	1	LOW	64QAM	22.58	22.42	22.44	22.60
		MID	64QAM	22.49	22.51	22.58	22.60
		HIGH	64QAM	22.51	22.57	22.35	22.60
	36	LOW	64QAM	21.52	21.36	21.44	21.60
		MID	64QAM	21.28	21.37	21.59	21.60
		HIGH	64QAM	21.43	21.58	21.45	21.60
	75	LOW	64QAM	21.51	21.39	21.42	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	24.22	24.33	24.32	24.60
		MID	QPSK	24.18	24.26	24.18	24.60
		HIGH	QPSK	24.20	24.32	24.30	24.60
	50	LOW	QPSK	24.26	24.28	24.18	24.60
		MID	QPSK	24.18	24.24	24.18	24.60
		HIGH	QPSK	24.22	24.21	24.23	24.60
	100	LOW	QPSK	24.19	24.25	24.34	24.60
20	1	LOW	Q16	24.60	24.52	24.53	24.60
		MID	Q16	24.56	24.51	24.59	24.60
		HIGH	Q16	24.51	24.58	24.57	24.60
	50	LOW	Q16	23.55	23.59	23.57	23.60
		MID	Q16	23.55	23.54	23.56	23.60
		HIGH	Q16	23.57	23.52	23.53	23.60
	100	LOW	Q16	23.54	23.57	23.52	23.60
20	1	LOW	64QAM	22.51	22.57	22.53	22.60
		MID	64QAM	22.59	22.56	22.46	22.60
		HIGH	64QAM	22.60	22.44	22.50	22.60
	50	LOW	64QAM	21.47	21.50	21.53	21.60
		MID	64QAM	21.41	21.51	21.54	21.60
		HIGH	64QAM	21.55	21.56	21.57	21.60
	100	LOW	64QAM	21.48	21.53	21.37	21.60

LTE B41-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	24.19	24.27	24.47	24.60
		MID	QPSK	24.15	24.38	24.08	24.60
		HIGH	QPSK	24.35	24.45	24.30	24.60
	12	LOW	QPSK	24.25	24.25	24.31	24.60
		MID	QPSK	24.49	24.21	24.36	24.60
		HIGH	QPSK	24.41	24.12	24.15	24.60
	25	LOW	QPSK	24.17	24.33	24.32	24.60
5	1	LOW	Q16	24.50	24.50	24.43	24.60
		MID	Q16	24.41	24.50	24.53	24.60
		HIGH	Q16	24.36	24.53	24.53	24.60
	12	LOW	Q16	23.49	23.49	23.57	23.60
		MID	Q16	23.46	23.48	23.60	23.60
		HIGH	Q16	23.49	23.51	23.48	23.60
	25	LOW	Q16	23.45	23.43	23.52	23.60
5	1	LOW	64QAM	22.50	22.55	22.57	22.60
		MID	64QAM	22.59	22.51	22.45	22.60
		HIGH	64QAM	22.48	22.50	22.55	22.60
	12	LOW	64QAM	21.36	21.58	21.38	21.60
		MID	64QAM	21.51	21.56	21.51	21.60
		HIGH	64QAM	21.57	21.55	21.56	21.60
	25	LOW	64QAM	21.48	21.52	21.24	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	24.14	24.31	24.29	24.60
		MID	QPSK	24.20	24.12	24.12	24.60
		HIGH	QPSK	24.32	24.27	24.59	24.60
	25	LOW	QPSK	24.25	24.37	24.24	24.60
		MID	QPSK	24.37	24.17	24.30	24.60
		HIGH	QPSK	24.26	24.20	24.17	24.60
	50	LOW	QPSK	24.34	24.34	24.22	24.60
10	1	LOW	Q16	24.46	24.44	24.58	24.60
		MID	Q16	24.55	24.47	24.53	24.60
		HIGH	Q16	24.60	24.52	24.45	24.60
	25	LOW	Q16	23.57	23.59	23.44	23.60
		MID	Q16	23.43	23.55	23.52	23.60
		HIGH	Q16	23.53	23.40	23.48	23.60
	50	LOW	Q16	23.39	23.51	23.60	23.60
10	1	LOW	64QAM	22.50	22.49	22.51	22.60
		MID	64QAM	22.58	22.49	22.57	22.60
		HIGH	64QAM	22.48	22.44	22.45	22.60
	25	LOW	64QAM	21.49	21.57	21.43	21.60
		MID	64QAM	21.34	21.56	21.40	21.60
		HIGH	64QAM	21.58	21.46	21.58	21.60
	50	LOW	64QAM	21.37	21.46	21.38	21.60

LTE B41-State2&4 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	24.20	24.21	24.46	24.60
		MID	QPSK	24.29	24.28	24.20	24.60
		HIGH	QPSK	24.11	24.33	24.38	24.60
	36	LOW	QPSK	24.31	24.42	24.26	24.60
		MID	QPSK	24.31	24.32	24.32	24.60
		HIGH	QPSK	24.39	24.09	24.25	24.60
	75	LOW	QPSK	24.16	24.27	24.22	24.60
15	1	LOW	Q16	24.48	24.53	24.41	24.60
		MID	Q16	24.57	24.59	24.50	24.60
		HIGH	Q16	24.47	24.58	24.48	24.60
	36	LOW	Q16	23.50	23.54	23.49	23.60
		MID	Q16	23.46	23.50	23.49	23.60
		HIGH	Q16	23.59	23.38	23.51	23.60
	75	LOW	Q16	23.48	23.54	23.43	23.60
15	1	LOW	64QAM	22.58	22.42	22.44	22.60
		MID	64QAM	22.49	22.51	22.58	22.60
		HIGH	64QAM	22.51	22.57	22.35	22.60
	36	LOW	64QAM	21.52	21.36	21.44	21.60
		MID	64QAM	21.28	21.37	21.59	21.60
		HIGH	64QAM	21.43	21.58	21.45	21.60
	75	LOW	64QAM	21.51	21.39	21.42	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	24.22	24.33	24.32	24.60
		MID	QPSK	24.18	24.26	24.18	24.60
		HIGH	QPSK	24.20	24.32	24.30	24.60
	50	LOW	QPSK	24.26	24.28	24.18	24.60
		MID	QPSK	24.18	24.24	24.18	24.60
		HIGH	QPSK	24.22	24.21	24.23	24.60
	100	LOW	QPSK	24.19	24.25	24.34	24.60
20	1	LOW	Q16	24.60	24.52	24.53	24.60
		MID	Q16	24.56	24.51	24.59	24.60
		HIGH	Q16	24.51	24.58	24.57	24.60
	50	LOW	Q16	23.55	23.59	23.57	23.60
		MID	Q16	23.55	23.54	23.56	23.60
		HIGH	Q16	23.57	23.52	23.53	23.60
	100	LOW	Q16	23.54	23.57	23.52	23.60
20	1	LOW	64QAM	22.51	22.57	22.53	22.60
		MID	64QAM	22.59	22.56	22.46	22.60
		HIGH	64QAM	22.60	22.44	22.50	22.60
	50	LOW	64QAM	21.47	21.50	21.53	21.60
		MID	64QAM	21.41	21.51	21.54	21.60
		HIGH	64QAM	21.55	21.56	21.57	21.60
	100	LOW	64QAM	21.48	21.53	21.37	21.60

LTE B41-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.56	24.07	24.10
		MID	QPSK	23.98	23.64	23.99	24.10
		HIGH	QPSK	23.84	23.38	24.04	24.10
	12	LOW	QPSK	23.54	23.38	23.60	23.60
		MID	QPSK	23.46	23.39	23.39	23.60
		HIGH	QPSK	23.56	23.59	23.54	23.60
25	LOW	QPSK	23.56	23.58	23.39	23.60	
5	1	LOW	Q16	22.88	23.02	23.53	23.60
		MID	Q16	23.25	23.15	23.60	23.60
		HIGH	Q16	22.90	22.32	23.44	23.60
	12	LOW	Q16	22.41	22.41	22.46	22.60
		MID	Q16	22.46	22.47	22.56	22.60
		HIGH	Q16	22.45	22.46	22.47	22.60
25	LOW	Q16	22.45	22.60	22.38	22.60	
5	1	LOW	64QAM	21.78	21.93	22.40	22.60
		MID	64QAM	22.58	22.00	22.30	22.60
		HIGH	64QAM	21.73	21.42	22.52	22.60
	12	LOW	64QAM	21.36	21.57	21.58	21.60
		MID	64QAM	21.46	21.58	21.49	21.60
		HIGH	64QAM	21.45	21.47	21.49	21.60
25	LOW	64QAM	21.45	21.37	21.34	21.60	
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	23.46	23.75	23.94	24.10
		MID	QPSK	23.97	23.72	24.08	24.10
		HIGH	QPSK	23.74	23.33	24.02	24.10
	25	LOW	QPSK	23.57	23.59	23.59	23.60
		MID	QPSK	23.53	23.55	23.54	23.60
		HIGH	QPSK	23.57	23.60	23.57	23.60
50	LOW	QPSK	23.49	23.44	23.44	23.60	
10	1	LOW	Q16	22.72	22.98	23.57	23.60
		MID	Q16	23.27	23.03	23.50	23.60
		HIGH	Q16	22.71	22.22	23.43	23.60
	25	LOW	Q16	22.39	22.40	22.39	22.60
		MID	Q16	22.58	22.49	22.48	22.60
		HIGH	Q16	22.39	22.55	22.47	22.60
50	LOW	Q16	22.42	22.56	22.56	22.60	
10	1	LOW	64QAM	21.75	21.77	22.28	22.60
		MID	64QAM	22.52	21.89	22.47	22.60
		HIGH	64QAM	21.61	21.52	22.55	22.60
	25	LOW	64QAM	21.35	21.39	21.53	21.60
		MID	64QAM	21.41	21.42	21.41	21.60
		HIGH	64QAM	21.49	21.43	21.57	21.60
50	LOW	64QAM	21.31	21.58	21.30	21.60	

LTE B41-State1 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	23.65	23.72	24.01	24.10
		MID	QPSK	23.92	23.58	24.08	24.10
		HIGH	QPSK	23.66	23.46	24.07	24.10
	36	LOW	QPSK	23.55	23.43	23.45	23.60
		MID	QPSK	23.54	23.41	23.52	23.60
		HIGH	QPSK	23.44	23.44	23.48	23.60
	75	LOW	QPSK	23.44	23.49	23.52	23.60
15	1	LOW	Q16	22.78	22.97	23.35	23.60
		MID	Q16	23.49	22.97	23.44	23.60
		HIGH	Q16	22.93	22.35	23.49	23.60
	36	LOW	Q16	22.44	22.58	22.39	22.60
		MID	Q16	22.55	22.53	22.60	22.60
		HIGH	Q16	22.44	22.59	22.52	22.60
	75	LOW	Q16	22.57	22.51	22.36	22.60
15	1	LOW	64QAM	21.85	21.69	22.47	22.60
		MID	64QAM	22.45	21.92	22.48	22.60
		HIGH	64QAM	21.82	21.28	22.48	22.60
	36	LOW	64QAM	21.40	21.46	21.57	21.60
		MID	64QAM	21.57	21.47	21.46	21.60
		HIGH	64QAM	21.56	21.40	21.50	21.60
	75	LOW	64QAM	21.29	21.40	21.39	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	23.59	23.62	23.59	24.10
		MID	QPSK	23.56	23.58	23.54	24.10
		HIGH	QPSK	23.59	23.41	23.51	24.10
	50	LOW	QPSK	23.50	23.53	23.46	23.60
		MID	QPSK	23.49	23.52	23.53	23.60
		HIGH	QPSK	23.48	23.51	23.46	23.60
	100	LOW	QPSK	23.54	23.56	23.53	23.60
20	1	LOW	Q16	22.87	22.90	23.46	23.60
		MID	Q16	23.40	23.03	23.53	23.60
		HIGH	Q16	22.86	22.37	23.35	23.60
	50	LOW	Q16	22.50	22.54	22.53	22.60
		MID	Q16	22.59	22.53	22.56	22.60
		HIGH	Q16	22.54	22.59	22.51	22.60
	100	LOW	Q16	22.51	22.58	22.50	22.60
20	1	LOW	64QAM	21.90	21.82	22.32	22.60
		MID	64QAM	22.47	21.92	22.42	22.60
		HIGH	64QAM	21.75	21.37	22.47	22.60
	50	LOW	64QAM	21.39	21.46	21.57	21.60
		MID	64QAM	21.54	21.46	21.54	21.60
		HIGH	64QAM	21.54	21.49	21.60	21.60
	100	LOW	64QAM	21.41	21.49	21.38	21.60

LTE B41-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40065	40640	41215	Tune-up power(dBm)
5	1	LOW	QPSK	22.33	22.24	22.53	22.60
		MID	QPSK	22.56	22.44	22.50	22.60
		HIGH	QPSK	22.16	22.30	22.41	22.60
	12	LOW	QPSK	22.56	22.51	22.57	22.60
		MID	QPSK	22.57	22.37	22.45	22.60
		HIGH	QPSK	22.52	22.20	22.42	22.60
	25	LOW	QPSK	22.59	22.27	22.36	22.60
5	1	LOW	Q16	21.87	21.69	22.51	22.60
		MID	Q16	22.36	22.04	22.44	22.60
		HIGH	Q16	21.76	21.41	22.38	22.60
	12	LOW	Q16	22.27	22.31	22.56	22.60
		MID	Q16	22.27	22.33	22.51	22.60
		HIGH	Q16	22.17	22.44	22.44	22.60
	25	LOW	Q16	22.41	22.34	22.42	22.60
5	1	LOW	64QAM	21.84	21.59	22.47	22.60
		MID	64QAM	22.29	21.89	22.60	22.60
		HIGH	64QAM	22.07	21.23	22.42	22.60
	12	LOW	64QAM	21.24	21.12	21.29	21.60
		MID	64QAM	21.38	21.55	21.45	21.60
		HIGH	64QAM	21.30	21.32	21.57	21.60
	25	LOW	64QAM	21.04	21.26	21.60	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	40090	40640	41190	Tune-up power(dBm)
10	1	LOW	QPSK	22.15	21.98	22.43	22.60
		MID	QPSK	22.59	22.42	22.56	22.60
		HIGH	QPSK	22.17	22.08	22.53	22.60
	25	LOW	QPSK	22.44	22.34	22.59	22.60
		MID	QPSK	22.59	22.45	22.44	22.60
		HIGH	QPSK	22.45	22.20	22.60	22.60
	50	LOW	QPSK	22.48	22.43	22.42	22.60
10	1	LOW	Q16	21.74	21.68	22.45	22.60
		MID	Q16	22.31	22.03	22.54	22.60
		HIGH	Q16	21.94	21.30	22.19	22.60
	25	LOW	Q16	22.39	22.52	22.58	22.60
		MID	Q16	22.17	22.46	22.60	22.60
		HIGH	Q16	22.24	22.40	22.51	22.60
	50	LOW	Q16	22.33	22.56	22.40	22.60
10	1	LOW	64QAM	21.73	21.39	22.47	22.60
		MID	64QAM	22.35	22.02	22.44	22.60
		HIGH	64QAM	21.82	21.38	22.41	22.60
	25	LOW	64QAM	21.34	21.11	21.44	21.60
		MID	64QAM	21.30	21.60	21.51	21.60
		HIGH	64QAM	21.33	21.43	21.53	21.60
	50	LOW	64QAM	21.25	21.32	21.48	21.60

LTE B41-State3 -Ant.2							
Bandwidth (MHz)	RB Size	RB offset	Modulation	40115	40640	41165	Tune-up power(dBm)
15	1	LOW	QPSK	22.12	21.98	22.36	22.60
		MID	QPSK	22.50	22.60	22.55	22.60
		HIGH	QPSK	22.25	22.13	22.56	22.60
	36	LOW	QPSK	22.55	22.57	22.46	22.60
		MID	QPSK	22.57	22.39	22.51	22.60
		HIGH	QPSK	22.60	22.26	22.42	22.60
	75	LOW	QPSK	22.56	22.40	22.50	22.60
15	1	LOW	Q16	21.74	21.69	22.57	22.60
		MID	Q16	22.47	22.09	22.42	22.60
		HIGH	Q16	21.81	21.27	22.28	22.60
	36	LOW	Q16	22.28	22.43	22.54	22.60
		MID	Q16	22.36	22.43	22.44	22.60
		HIGH	Q16	22.29	22.40	22.48	22.60
	75	LOW	Q16	22.30	22.32	22.56	22.60
15	1	LOW	64QAM	21.81	21.57	22.59	22.60
		MID	64QAM	22.43	21.89	22.39	22.60
		HIGH	64QAM	22.10	21.22	22.32	22.60
	36	LOW	64QAM	21.37	21.32	21.46	21.60
		MID	64QAM	21.49	21.38	21.44	21.60
		HIGH	64QAM	21.20	21.50	21.45	21.60
	75	LOW	64QAM	21.25	21.54	21.46	21.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	40140	40640	41140	Tune-up power(dBm)
20	1	LOW	QPSK	22.12	22.13	22.07	22.60
		MID	QPSK	22.12	22.07	22.08	22.60
		HIGH	QPSK	22.07	22.10	22.04	22.60
	50	LOW	QPSK	22.42	22.46	22.41	22.60
		MID	QPSK	22.38	22.41	22.46	22.60
		HIGH	QPSK	22.36	22.33	22.38	22.60
	100	LOW	QPSK	22.56	22.35	22.50	22.60
20	1	LOW	Q16	21.88	21.60	22.51	22.60
		MID	Q16	22.44	22.18	22.56	22.60
		HIGH	Q16	21.88	21.38	22.34	22.60
	50	LOW	Q16	22.38	22.39	22.46	22.60
		MID	Q16	22.29	22.42	22.53	22.60
		HIGH	Q16	22.31	22.39	22.56	22.60
	100	LOW	Q16	22.32	22.43	22.48	22.60
20	1	LOW	64QAM	21.79	21.53	22.59	22.60
		MID	64QAM	22.36	22.04	22.45	22.60
		HIGH	64QAM	21.95	21.27	22.42	22.60
	50	LOW	64QAM	21.36	21.24	21.34	21.60
		MID	64QAM	21.38	21.45	21.54	21.60
		HIGH	64QAM	21.19	21.39	21.53	21.60
	100	LOW	64QAM	21.18	21.39	21.60	21.60

8.5 WIFI Output Power

8.5.1 WIFI2.4G Output Power

WIFI2.4G-ANT7-Full Power						
2.4G	Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	18.55	20.00	No
		6	2437	19.66	20.00	Yes
		11	2462	18.28	20.00	No
	11g	1	2412	15.58	16.00	No
		2	2417	18.61	19.00	No
		6	2437	18.67	19.00	No
		10	2457	18.54	19.00	No
		11	2462	15.40	16.00	No
	11n-HT20	1	2412	14.91	16.00	No
		2	2417	18.42	19.00	No
		6	2437	18.48	19.00	No
		10	2457	18.39	19.00	No
		11	2462	15.25	16.00	No
	11n-HT40	3	2422	15.80	17.00	No
		4	2423	16.34	18.00	No
		5	2432	14.61	16.00	No
		6	2437	14.49	16.00	No
		7	2442	14.62	16.00	No
		8	2447	15.42	17.00	No
		9	2452	15.92	17.00	No
	VHT20	1	2412	15.72	16.00	No
		2	2417	18.49	19.00	No
		6	2437	18.41	19.00	No
		10	2457	18.58	19.00	No
		11	2462	15.17	16.00	No
	VHT40	3	2422	15.86	16.00	No
		4	2423	17.66	18.00	No
		5	2432	14.73	16.00	No
		6	2437	13.57	15.00	No
		7	2442	14.29	16.00	No
		8	2447	14.41	16.00	No
		9	2452	14.42	16.00	No
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11b/g/n/VHT) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n. 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required. Adjusted SAR = 0.494 * (79.43mW/100mW) = 0.396 W/Kg, so 2.4G OFDM SAR test is not required.						

WIFI2.4G-ANT7-Level 2						
2.4G	Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	18.55	20.00	No
		6	2437	19.66	20.00	Yes
		11	2462	18.28	20.00	No
	11g	1	2412	15.58	16.00	No
		2	2417	18.61	19.00	No
		6	2437	18.67	19.00	No
		10	2457	18.54	19.00	No
		11	2462	15.40	16.00	No
		11n-HT20	1	2412	14.91	16.00
	2		2417	18.42	19.00	No
	6		2437	18.48	19.00	No
	10		2457	18.39	19.00	No
	11		2462	15.25	16.00	No
	11n-HT40	3	2422	15.80	17.00	No
		4	2423	16.34	18.00	No
		5	2432	14.61	16.00	No
		6	2437	14.49	16.00	No
		7	2442	14.62	16.00	No
		8	2447	15.42	17.00	No
		9	2452	15.92	17.00	No
	VHT20	1	2412	15.72	16.00	No
		2	2417	18.49	19.00	No
		6	2437	18.41	19.00	No
		10	2457	18.58	19.00	No
	VHT40	11	2462	15.17	16.00	No
		3	2422	15.86	16.00	No
		4	2423	17.66	18.00	No
		5	2432	14.73	16.00	No
		6	2437	13.57	15.00	No
		7	2442	14.29	16.00	No
	8	2447	14.41	16.00	No	
	9	2452	14.42	16.00	No	
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11b/g/n/VHT) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n. 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required. Adjusted SAR = 0.494 * (79.43mW/100mW) = 0.396 W/Kg, so 2.4G OFDM SAR test is not required.						

WIFI2.4G-ANT7-Level4						
2.4G	Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	16.63	18.50	No
		6	2437	17.62	18.50	Yes
		11	2462	16.78	18.50	No
	11g	1	2412	15.58	16.00	No
		2	2417	16.96	18.50	No
		6	2437	16.96	18.50	No
		10	2457	16.96	18.50	No
		11	2462	15.40	16.00	No
		11n-HT20	1	2412	14.91	16.00
	2		2417	17.00	18.50	No
	6		2437	17.00	18.50	No
	10		2457	17.00	18.50	No
	11		2462	15.25	16.00	No
	11n-HT40	3	2422	14.74	16.00	No
		4	2423	16.48	18.00	No
		5	2432	14.61	16.00	No
		6	2437	14.49	16.00	No
		7	2442	14.62	16.00	No
		8	2447	15.42	17.00	No
		9	2452	14.50	16.00	No
	VHT20	1	2412	15.72	16.00	No
		2	2417	17.06	18.50	No
		6	2437	17.06	18.50	No
		10	2457	17.06	18.50	No
		11	2462	15.17	16.00	No
	VHT40	3	2422	15.86	16.00	No
		4	2423	17.66	18.00	No
		5	2432	14.73	16.00	No
		6	2437	13.57	15.00	No
		7	2442	14.29	16.00	No
		8	2447	14.41	16.00	No
		9	2452	14.42	16.00	No
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11b/g/n/VHT) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n. 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required. Adjusted SAR = 0.387 * (70.79mW/70.79mW) = 0.387 W/Kg, so 2.4G OFDM SAR test is not required.						

WIFI2.4G-ANT7-Level1						
2.4G	Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	14.88	16.50	Yes
		6	2437	15.08	16.50	Yes
		11	2462	15.06	16.50	Yes
	11g	1	2412	15.58	16.00	No
		2	2417	16.02	16.50	No
		6	2437	16.10	16.50	No
		10	2457	15.92	16.50	No
		11	2462	15.40	16.00	No
		11n-HT20	1	2412	14.91	16.00
	2		2417	15.97	16.50	No
	6		2437	15.79	16.50	No
	10		2457	15.76	16.50	No
	11		2462	15.25	16.00	No
	11n-HT40	3	2422	14.74	16.00	No
		4	2423	14.86	16.50	No
		5	2432	14.61	16.00	No
		6	2437	14.49	16.00	No
		7	2442	14.62	16.00	No
		8	2447	14.97	16.50	No
		9	2452	14.50	16.00	No
	VHT20	1	2412	15.72	16.00	No
		2	2417	16.05	16.50	No
		6	2437	15.96	16.50	No
		10	2457	15.93	16.50	No
		11	2462	15.17	16.00	No
	VHT40	3	2422	15.86	16.00	No
		4	2423	15.98	16.50	No
		5	2432	14.73	16.00	No
		6	2437	13.57	15.00	No
		7	2442	14.29	16.00	No
		8	2447	14.41	16.00	No
		9	2452	14.42	16.00	No
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11b/g/n/VHT) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n. 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required. Adjusted SAR = 0.842 * (44.67mW/44.67mW) = 0.842 W/Kg, so 2.4G OFDM SAR test is not required.						

WIFI2.4G-ANT7-Level3						
2.4G	Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune up (dBm)	SAR Test
	11b	1	2412	12.40	14.00	No
		6	2437	12.60	14.00	Yes
		11	2462	12.31	14.00	No
	11g	1	2412	13.61	14.00	No
		2	2437	/	/	No
		6	2437	13.60	14.00	No
		10	2437	/	/	No
		11	2462	13.38	14.00	No
	11n-HT20	1	2412	12.73	14.00	No
		2	2437	/	/	No
		6	2437	13.53	14.00	No
		10	2437	/	/	No
		11	2462	13.14	14.00	No
	11n-HT40	3	2422	12.62	14.00	No
		4	2437	/	/	No
		5	2437	/	/	No
		6	2437	12.42	14.00	No
		7	2437	/	/	No
		8	2437	/	/	No
		9	2452	12.98	14.00	No
		VHT20	1	2412	13.73	14.00
	2		2437	/	/	No
	6		2437	13.40	14.00	No
	10		2437	/	/	No
	11		2462	13.10	14.00	No
	VHT40	3	2422	13.82	14.00	No
		4	2437	/	/	No
		5	2437	/	/	No
		6	2437	12.53	14.00	No
		7	2437	/	/	No
		8	2437	/	/	No
		9	2452	12.42	14.00	No
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) The largest channel bandwidth configuration is selected between the multiple configurations in a frequency band with the same maximum tune-up output power. 2) When multiple transmission modes (802.11b/g/n/VHT) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11b is chosen over 802.11g, and 802.11g chosen over 802.11n. 3) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required. Adjusted SAR = 0.476 * (25.12mW/25.12mW) = 0.476 W/Kg, so 2.4G OFDM SAR test is not required.						

8.5.2 WIFI5G Output Power

WIFI5G-ANT7-Full Power						
	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up (dBm)	SAR Test
5.2G	11a	36	5180	16.02	17.00	No
		40	5200	16.42	18.00	No
		44	5220	16.46	18.00	No
		48	5240	16.79	18.00	No
	11n20	36	5180	15.70	17.00	No
		40	5200	16.31	18.00	No
		44	5220	16.33	18.00	No
		48	5240	16.66	18.00	No
	11n40	38	5190	12.06	13.50	No
		46	5230	12.76	13.50	No
	11ac20	36	5180	15.82	17.00	No
		40	5200	16.31	18.00	No
		44	5220	16.37	18.00	No
		48	5240	16.69	18.00	No
	11ac40	38	5190	12.12	13.50	No
		46	5230	12.83	13.50	No
	11ac80	42	5210	9.96	11.50	No
5.3G	11a	52	5260	17.60	18.00	No
		60	5300	17.77	18.00	No
		64	5320	14.93	16.00	No
	11n20	52	5260	17.41	18.00	No
		60	5300	17.57	18.00	No
		64	5320	14.76	16.00	No
	11n40	54	5270	16.50	18.00	No
		62	5310	13.63	14.50	No
		52	5260	17.40	18.00	No
	11ac20	60	5300	17.51	18.00	No
		64	5320	14.68	16.00	No
		54	5270	16.38	18.00	No
	11ac40	62	5310	13.12	14.50	No
		58	5290	8.59	10.00	No

5.6G	11a	100	5500	16.51	17.00	No
		116	5580	15.39	17.00	No
		140	5700	16.37	17.00	No
	11n20	100	5500	15.34	17.00	No
		116	5580	15.26	17.00	No
		140	5700	16.26	17.00	No
	11n40	102	5510	12.96	14.50	No
		118	5590	12.97	14.50	No
		134	5670	13.51	14.50	No
	11ac20	100	5500	15.39	17.00	No
		116	5580	15.32	17.00	No
		140	5700	16.40	17.00	No
	11ac40	102	5510	13.05	14.50	No
		118	5590	12.91	14.50	No
		134	5670	13.58	14.50	No
	11ac80	106	5530	11.60	13.00	No
		122	5610	11.48	13.00	No
		149	5745	17.83	19.00	No
5.8G	11a	157	5785	17.56	19.00	No
		161	5805	17.51	19.00	No
		165	5825	16.85	18.00	No
		149	5745	17.71	19.00	No
	11n20	157	5785	17.37	19.00	No
		161	5805	17.35	19.00	No
		165	5825	16.56	18.00	No
		151	5755	16.27	18.00	No
	11n40	159	5795	15.92	17.50	No
		149	5745	17.70	18.00	No
		157	5785	17.34	18.00	No
		165	5825	16.50	18.00	No
	11ac20	151	5755	16.17	18.00	No
		159	5795	15.83	17.50	No
	11ac40	151	5755	16.17	18.00	No
		159	5795	15.83	17.50	No
	11ac80	155	5775	16.39	18.00	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1)When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

2)The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power.

3) When multiple transmission modes (802.11a/g/n/ac) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac.

WIFI5G-ANT7-Level1						
	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up (dBm)	SAR Test
5.2G	11a	36	5180	13.71	15.00	No
		40	5200	/	/	No
		44	5220	13.69	15.00	No
		48	5240	13.58	15.00	No
	11n20	36	5180	13.57	15.00	No
		40	5200	/	/	No
		44	5220	13.65	15.00	No
		48	5240	13.67	15.00	No
	11n40	38	5190	12.06	13.50	No
		46	5230	12.76	13.50	No
	11ac20	36	5180	13.58	15.00	No
		40	5200	/	/	No
		44	5220	13.49	15.00	No
		48	5240	13.65	15.00	No
	11ac40	38	5190	12.12	13.50	No
		46	5230	12.83	13.50	No
	11ac80	42	5210	9.96	11.50	No
5.3G	11a	52	5260	13.62	15.00	No
		60	5300	13.64	15.00	No
		64	5320	13.56	15.00	No
	11n20	52	5260	13.55	15.00	No
		60	5300	13.51	15.00	No
		64	5320	13.45	15.00	No
	11n40	54	5270	14.58	15.00	Yes
		62	5310	13.63	14.50	No
		52	5260	13.57	15.00	No
	11ac20	60	5300	13.72	15.00	No
		64	5320	13.59	15.00	No
		54	5270	13.65	15.00	No
	11ac40	62	5310	13.12	14.50	No
		58	5290	8.59	10.00	No

5.6G	11a	100	5500	13.51	15.00	Yes
		116	5580	13.65	15.00	Yes
		140	5700	13.51	15.00	Yes
	11n20	100	5500	13.61	15.00	No
		116	5580	13.66	15.00	No
		140	5700	13.69	15.00	No
	11n40	102	5510	12.96	14.50	No
		118	5590	12.97	14.50	No
		134	5670	13.51	14.50	No
	11ac20	100	5500	13.55	15.00	No
		116	5580	13.53	15.00	No
		140	5700	13.58	15.00	No
	11ac40	102	5510	13.05	14.50	No
		118	5590	12.91	14.50	No
		134	5670	13.58	14.50	No
	11ac80	106	5530	11.60	13.00	No
		122	5610	11.48	13.00	No
		149	5745	13.41	15.00	No
5.8G	11a	157	5785	13.32	15.00	No
		161	5805	/	/	No
		165	5825	13.57	15.00	No
		149	5745	13.38	15.00	No
	11n20	157	5785	13.06	15.00	No
		161	5805	/	/	No
		165	5825	13.46	15.00	No
		151	5755	13.21	15.00	No
	11n40	159	5795	13.30	15.00	No
		149	5745	13.52	15.00	No
		157	5785	13.49	15.00	No
		165	5825	13.08	15.00	No
	11ac20	151	5755	13.17	15.00	No
		159	5795	13.24	15.00	No
		155	5775	13.16	15.00	Yes

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1)When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

2)The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power.

3) When multiple transmission modes (802.11a/g/n/ac) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac.

WIFI5G-ANT7-Level2						
	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up (dBm)	SAR Test
5.2G	11a	36	5180	12.88	13.50	No
		40	5200	/	/	No
		44	5220	12.95	13.50	No
		48	5240	12.94	13.50	No
	11n20	36	5180	13.01	13.50	No
		40	5200	/	/	No
		44	5220	13.09	13.50	No
		48	5240	12.92	13.50	No
	11n40	38	5190	12.06	13.50	No
		46	5230	12.76	13.50	Yes
	11ac20	36	5180	12.99	13.50	No
		40	5200	/	/	No
		44	5220	13.09	13.50	No
		48	5240	13.10	13.50	No
	11ac40	38	5190	12.12	13.50	No
		46	5230	12.83	13.50	No
	11ac80	42	5210	9.96	11.50	No
5.3G	11a	52	5260	12.89	13.50	No
		60	5300	12.97	13.50	No
		64	5320	13.12	13.50	No
	11n20	52	5260	12.90	13.50	No
		60	5300	13.09	13.50	No
		64	5320	12.92	13.50	No
	11n40	54	5270	13.07	13.50	No
		62	5310	13.12	13.50	Yes
		52	5260	13.08	13.50	No
	11ac20	60	5300	13.01	13.50	No
		64	5320	12.89	13.50	No
		54	5270	12.94	13.50	No
	11ac40	62	5310	13.02	13.50	No
		58	5290	8.59	10.00	No

5.6G	11a	100	5500	12.11	13.50	No
		116	5580	12.16	13.50	No
		140	5700	12.13	13.50	No
	11n20	100	5500	12.16	13.50	No
		116	5580	12.13	13.50	No
		140	5700	12.19	13.50	No
	11n40	102	5510	12.19	13.50	No
		118	5590	12.09	13.50	No
		134	5670	12.23	13.50	Yes
	11ac20	100	5500	12.12	13.50	No
		116	5580	12.13	13.50	No
		140	5700	12.12	13.50	No
	11ac40	102	5510	12.14	13.50	No
		118	5590	12.18	13.50	No
		134	5670	12.09	13.50	No
	11ac80	106	5530	11.60	13.00	No
		122	5610	11.48	13.00	No
		149	5745	12.02	13.50	No
5.8G	11a	157	5785	12.11	13.50	No
		161	5805	/	/	No
		165	5825	12.03	13.50	No
		149	5745	12.02	13.50	No
	11n20	157	5785	11.96	13.50	No
		161	5805	/	/	No
		165	5825	12.04	13.50	No
		151	5755	12.10	13.50	No
	11n40	159	5795	12.07	13.50	No
		149	5745	11.95	13.50	No
		157	5785	11.99	13.50	No
		165	5825	12.03	13.50	No
	11ac20	151	5755	12.03	13.50	No
		159	5795	12.03	13.50	No
		155	5775	11.68	13.50	Yes

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1)When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

2)The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power.

3) When multiple transmission modes (802.11a/g/n/ac) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac.

WIFI5G-ANT7-Level3						
	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up (dBm)	SAR Test
5.2G	11a	36	5180	12.42	13.00	No
		40	5200	/	/	No
		44	5220	12.47	13.00	No
		48	5240	12.54	13.00	No
	11n20	36	5180	12.62	13.00	No
		40	5200	/	/	No
		44	5220	12.60	13.00	No
		48	5240	12.37	13.00	No
	11n40	38	5190	12.73	13.00	No
		46	5230	12.78	13.00	No
	11ac20	36	5180	12.51	13.00	No
		40	5200	/	/	No
		44	5220	12.57	13.00	No
		48	5240	12.35	13.00	No
	11ac40	38	5190	12.41	13.00	No
		46	5230	12.42	13.00	No
	11ac80	42	5210	9.96	11.50	No
5.3G	11a	52	5260	12.41	13.00	No
		60	5300	12.49	13.00	No
		64	5320	12.44	13.00	No
	11n20	52	5260	12.38	13.00	No
		60	5300	12.35	13.00	No
		64	5320	12.60	13.00	No
	11n40	54	5270	12.74	13.00	Yes
		62	5310	12.51	13.00	No
		52	5260	12.44	13.00	No
	11ac20	60	5300	12.42	13.00	No
		64	5320	12.56	13.00	No
		54	5270	12.46	13.00	No
	11ac40	62	5310	12.39	13.00	No
		58	5290	8.59	10.00	No

5.6G	11a	100	5500	11.55	13.00	No
		116	5580	11.48	13.00	No
		140	5700	11.54	13.00	No
	11n20	100	5500	11.53	13.00	No
		116	5580	11.52	13.00	No
		140	5700	11.53	13.00	No
	11n40	102	5510	11.55	13.00	No
		118	5590	11.61	13.00	No
		134	5670	11.61	13.00	No
	11ac20	100	5500	11.55	13.00	No
		116	5580	11.62	13.00	No
		140	5700	11.48	13.00	No
	11ac40	102	5510	11.54	13.00	No
		118	5590	11.47	13.00	No
		134	5670	11.54	13.00	No
	11ac80	106	5530	11.60	13.00	Yes
		122	5610	11.48	13.00	No
		149	5745	11.31	13.00	No
5.8G	11a	157	5785	11.32	13.00	No
		161	5805	/	/	No
		165	5825	11.39	13.00	No
		149	5745	11.44	13.00	No
	11n20	157	5785	11.39	13.00	No
		161	5805	/	/	No
		165	5825	11.32	13.00	No
		151	5755	11.48	13.00	No
	11n40	159	5795	11.32	13.00	No
		149	5745	11.30	13.00	No
		157	5785	11.35	13.00	No
		165	5825	11.38	13.00	No
	11ac20	151	5755	11.31	13.00	No
		159	5795	11.42	13.00	No
	11ac40	151	5755	11.31	13.00	No
		159	5795	11.42	13.00	No
	11ac80	155	5775	11.20	13.00	Yes

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1)When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

2)The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power.

3) When multiple transmission modes (802.11a/g/n/ac) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac.

WIFI5G-ANT7-Level4						
	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up (dBm)	SAR Test
5.2G	11a	36	5180	11.42	12.00	No
		40	5200	/	/	No
		44	5220	11.54	12.00	No
		48	5240	11.51	12.00	No
	11n20	36	5180	11.52	12.00	No
		40	5200	/	/	No
		44	5220	11.37	12.00	No
		48	5240	11.54	12.00	No
	11n40	38	5190	11.64	12.00	No
		46	5230	11.27	12.00	Yes
	11ac20	36	5180	11.59	12.00	No
		40	5200	/	/	No
		44	5220	11.51	12.00	No
		48	5240	11.46	12.00	No
	11ac40	38	5190	11.40	12.00	No
		46	5230	11.65	12.00	No
	11ac80	42	5210	9.96	11.50	No
5.3G	11a	52	5260	11.41	12.00	No
		60	5300	11.37	12.00	No
		64	5320	11.38	12.00	No
	11n20	52	5260	11.46	12.00	No
		60	5300	11.43	12.00	No
		64	5320	11.40	12.00	No
	11n40	54	5270	11.53	12.00	No
		62	5310	11.55	12.00	Yes
		52	5260	11.37	12.00	No
	11ac20	60	5300	11.53	12.00	No
		64	5320	11.45	12.00	No
		54	5270	11.44	12.00	No
	11ac40	62	5310	11.51	12.00	No
		58	5290	8.59	10.00	No

5.6G	11a	100	5500	10.55	12.00	No
		116	5580	10.60	12.00	No
		140	5700	10.57	12.00	No
	11n20	100	5500	10.66	12.00	No
		116	5580	10.57	12.00	No
		140	5700	10.50	12.00	No
	11n40	102	5510	10.59	12.00	No
		118	5590	10.51	12.00	No
		134	5670	10.59	12.00	No
	11ac20	100	5500	10.59	12.00	No
		116	5580	10.50	12.00	No
		140	5700	10.60	12.00	No
	11ac40	102	5510	10.61	12.00	No
		118	5590	10.59	12.00	No
		134	5670	10.51	12.00	No
	11ac80	106	5530	11.18	12.00	Yes
		122	5610	10.97	12.00	No
		149	5745	10.37	12.00	No
5.8G	11a	157	5785	10.33	12.00	No
		161	5805	/	/	No
		165	5825	10.38	12.00	No
		149	5745	10.41	12.00	No
	11n20	157	5785	10.26	12.00	No
		161	5805	/	/	No
		165	5825	10.34	12.00	No
		151	5755	10.35	12.00	No
	11n40	159	5795	10.35	12.00	No
		149	5745	10.33	12.00	No
		157	5785	10.34	12.00	No
		165	5825	10.34	12.00	No
	11ac20	151	5755	10.35	12.00	No
		159	5795	10.29	12.00	No
		155	5775	10.15	12.00	Yes

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1)When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.

2)The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power.

3) When multiple transmission modes (802.11a/g/n/ac) have the same maximum tune-up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac.

8.6 Bluetooth

8.6.1 Bluetooth Output Power

Bluetooth-Ant.2-Full Power						
Test Mode	Modulation	Channel number	Frequency(MHz)	Conducted Power(dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	11.48	13.00	Yes
		39	2441	11.37	13.00	No
		78	2480	11.13	13.00	No
	2DH5	0	2402	9.47	11.00	No
		39	2441	9.31	11.00	No
		78	2480	9.12	11.00	No
	3DH5	0	2402	9.36	11.00	No
		39	2441	9.24	11.00	No
		78	2480	9.00	11.00	No
	BLE-1M	0	2402	6.98	8.00	No
		19	2440	7.10	8.00	No
		39	2480	5.41	7.00	No
Note1: Since bluetooth BR mode is the maximum output power mode, SAR measurements were performed with test software using DH5 modulation, and SAR measurement is not required for the EDR and LE. When the secondary mode is ≤ ¼ dB higher than the primary mode.						
Note2: The Bluetooth of the device is based on the SIG (Special Interest Group) protocol, and the maximum TX duty cycle of Bluetooth is limited to 77.6%, so the reported SAR needs to perform the corresponding maximum TX duty cycle.						

8.6.2 Bluetooth Duty Cycle

