8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

GSM-Full Power-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.88	32.94	32.94	33.80	23.69	23.75	23.75	24.61
GPRS (GMSK, 1-Slot)	32.87	32.92	32.92	33.80	23.68	23.73	23.73	24.61
GPRS (GMSK, 2-Slots)	30.24	30.26	30.28	30.80	24.11	24.13	24.15	24.67
GPRS (GMSK, 3-Slots)	28.91	28.94	28.94	29.00	24.59	24.62	24.62	24.58
GPRS (GMSK, 4-Slots)	27.81	**27.85**	27.85	28.30	24.63	24.67	24.67	**25.12**
EGPRS (8PSK, 1-Slot)	26.83	26.74	27.01	27.30	17.64	17.55	17.82	18.11
EGPRS (8PSK, 2-Slots)	24.43	24.32	24.59	24.80	18.30	18.19	18.46	18.67
EGPRS (8PSK, 3-Slots)	23.06	23.13	23.24	23.80	18.64	18.71	18.82	19.38
EGPRS (8PSK, 4-Slots)	21.78	21.93	21.99	22.30	18.60	18.75	18.81	19.12

GSM-Full Power-Ant.3								
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)	29.57	29.38	29.36	30.50	20.38	20.19	20.17	21.31
GPRS (GMSK, 1-Slot)	29.54	29.36	29.35	30.50	20.35	20.17	20.16	21.31
GPRS (GMSK, 2-Slots)	26.80	26.64	26.85	27.50	20.67	20.51	20.72	21.37
GPRS (GMSK, 3-Slots)	25.09	24.92	25.03	25.70	20.67	20.50	20.61	21.28
GPRS (GMSK, 4-Slots)	**23.97**	23.80	23.92	25.00	20.79	20.62	20.74	**21.82**
EGPRS (8PSK, 1-Slot)	24.95	24.92	24.90	26.00	15.76	15.73	15.71	16.81
EGPRS (8PSK, 2-Slots)	22.63	22.58	22.51	23.50	16.50	16.45	16.38	17.37
EGPRS (8PSK, 3-Slots)	21.18	21.19	21.20	22.50	16.76	16.77	16.78	18.08
EGPRS (8PSK, 4-Slots)	19.93	20.04	20.26	21.00	16.75	16.86	17.08	17.82

GSM-LEVEL1&5&6-Ant.0								
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)	29.96	29.95	29.95	30.80	20.77	20.76	20.76	21.61
GPRS (GMSK, 1-Slot)	29.92	29.91	29.92	30.80	20.73	20.72	20.73	21.61
GPRS (GMSK, 2-Slots)	27.22	27.27	27.28	27.80	21.09	21.14	21.15	21.67
GPRS (GMSK, 3-Slots)	25.93	25.98	25.92	26.00	21.61	21.66	21.70	21.58
GPRS (GMSK, 4-Slots)	24.84	24.91	**24.96**	25.30	21.66	21.73	21.78	**22.12**
EGPRS (8PSK, 1-Slot)	23.69	23.69	23.78	24.30	14.50	14.50	14.59	15.11
EGPRS (8PSK, 2-Slots)	21.22	21.31	21.32	21.80	15.09	15.18	15.19	15.67
EGPRS (8PSK, 3-Slots)	19.96	20.00	20.04	20.80	15.54	15.58	15.62	16.38
EGPRS (8PSK, 4-Slots)	19.28	18.77	18.87	19.30	16.30	15.59	15.69	16.12

GSM-LEVEL1-Ant.3								
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)	25.97	25.83	25.96	26.50	16.78	16.64	16.77	17.31
GPRS (GMSK, 1-Slot)	25.31	25.18	25.31	26.50	16.12	15.99	16.12	17.31
GPRS (GMSK, 2-Slots)	22.64	22.50	22.65	23.50	16.51	16.37	16.52	17.37
GPRS (GMSK, 3-Slots)	20.89	20.75	20.87	21.70	16.47	16.33	16.45	17.28
GPRS (GMSK, 4-Slots)	19.76	19.63	**19.78**	21.00	16.58	16.45	16.60	**17.82**
EGPRS (8PSK, 1-Slot)	20.94	20.90	20.95	22.00	11.75	11.71	11.76	12.81
EGPRS (8PSK, 2-Slots)	18.52	18.48	18.46	19.50	12.39	12.35	12.33	13.37
EGPRS (8PSK, 3-Slots)	17.14	17.08	17.11	18.50	12.72	12.66	12.69	14.08
EGPRS (8PSK, 4-Slots)	15.75	15.87	15.85	17.00	12.57	12.69	12.67	13.82

GSM-LEVEL2&3Ant.0								
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)	28.38	28.43	28.43	29.30	19.19	19.24	19.24	20.11
GPRS (GMSK, 1-Slot)	28.36	28.40	28.41	29.30	19.17	19.21	19.22	20.11
GPRS (GMSK, 2-Slots)	25.70	25.78	25.80	26.30	19.57	19.65	19.67	20.17
GPRS (GMSK, 3-Slots)	24.46	24.44	24.45	24.50	20.04	20.12	20.13	20.08
GPRS (GMSK, 4-Slots)	23.39	23.45	**23.46**	23.80	20.21	20.27	20.28	**20.62**
EGPRS (8PSK, 1-Slot)	21.82	21.90	22.10	22.80	12.63	12.71	12.91	13.61
EGPRS (8PSK, 2-Slots)	19.69	19.72	19.81	20.30	13.56	13.59	13.68	14.17
EGPRS (8PSK, 3-Slots)	18.35	18.53	18.62	19.30	13.93	14.11	14.20	14.88
EGPRS (8PSK, 4-Slots)	17.13	17.18	17.34	17.80	13.95	14.00	14.16	14.62

GSM-LEVEL2&3-Ant.3								
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)	24.35	24.20	24.37	25.50	15.16	15.01	15.18	16.31
GPRS (GMSK, 1-Slot)	24.42	24.27	24.42	25.50	15.23	15.08	15.23	16.31
GPRS (GMSK, 2-Slots)	21.73	21.60	21.72	22.50	15.60	15.47	15.59	16.37
GPRS (GMSK, 3-Slots)	20.02	19.89	20.03	20.70	15.60	15.47	15.61	16.28
GPRS (GMSK, 4-Slots)	18.85	18.72	**18.89**	20.00	15.67	15.54	15.71	**16.82**
EGPRS (8PSK, 1-Slot)	19.85	20.08	20.07	21.00	10.66	10.89	10.88	11.81
EGPRS (8PSK, 2-Slots)	17.46	17.54	17.61	18.50	11.33	11.41	11.48	12.37
EGPRS (8PSK, 3-Slots)	16.60	16.09	16.17	17.50	12.18	11.67	11.75	13.08
EGPRS (8PSK, 4-Slots)	14.79	15.02	14.97	16.00	11.61	11.84	11.79	12.82

GSM-LEVEL4-Ant.0								
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)	29.89	29.89	29.89	33.30	20.70	20.70	20.70	24.11
GPRS (GMSK, 1-Slot)	32.34	32.37	32.37	33.30	23.15	23.18	23.18	24.11
GPRS (GMSK, 2-Slots)	29.68	29.67	29.66	30.30	23.55	23.54	23.53	24.17
GPRS (GMSK, 3-Slots)	28.38	28.41	28.41	28.50	23.96	23.99	23.99	24.08
GPRS (GMSK, 4-Slots)	27.28	27.28	**27.29**	27.80	24.10	24.10	24.11	**24.62**
EGPRS (8PSK, 1-Slot)	26.25	26.20	26.34	26.80	17.06	17.01	17.15	17.61
EGPRS (8PSK, 2-Slots)	23.88	23.87	23.85	24.30	17.75	17.74	17.72	18.17
EGPRS (8PSK, 3-Slots)	22.61	22.58	22.64	23.30	18.19	18.16	18.22	18.88
EGPRS (8PSK, 4-Slots)	21.11	21.23	21.27	21.80	17.93	18.05	18.09	18.62

GSM-LEVEL4&5&6-Ant3								
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)	29.57	29.38	29.36	30.50	20.38	20.19	20.17	21.31
GPRS (GMSK, 1-Slot)	29.54	29.36	29.35	30.50	20.35	20.17	20.16	21.31
GPRS (GMSK, 2-Slots)	26.80	26.64	26.85	27.50	20.67	20.51	20.72	21.37
GPRS (GMSK, 3-Slots)	25.09	24.92	25.03	25.70	20.67	20.50	20.61	21.28
GPRS (GMSK, 4-Slots)	**23.97**	23.80	23.92	25.00	20.79	20.62	20.74	**21.82**
EGPRS (8PSK, 1-Slot)	24.95	24.92	24.90	26.00	15.76	15.73	15.71	16.81
EGPRS (8PSK, 2-Slots)	22.63	22.58	22.51	23.50	16.50	16.45	16.38	17.37
EGPRS (8PSK, 3-Slots)	21.18	21.19	21.20	22.50	16.76	16.77	16.78	18.08
EGPRS (8PSK, 4-Slots)	19.93	20.04	20.26	21.00	16.75	16.86	17.08	17.82

8.1 GSM Output Power

GSM-Full Power&Level1&2&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	33.09	33.05	33.70	23.89	23.90	23.86	24.51
GPRS (GMSK, 1-Slot)	32.89	32.93	32.92	33.70	23.70	23.74	23.73	24.51
GPRS (GMSK, 2-Slots)	30.34	30.35	30.35	30.70	24.21	24.22	24.22	24.57
GPRS (GMSK, 3-Slots)	28.72	28.74	28.74	28.90	24.70	24.72	24.72	24.48
GPRS (GMSK, 4-Slots)	27.95	27.94	**27.96**	28.20	24.77	24.76	24.78	**25.02**
EGPRS (8PSK, 1-Slot)	26.76	26.67	26.91	27.20	17.57	17.48	17.72	18.01
EGPRS (8PSK, 2-Slots)	24.34	24.29	24.45	24.70	18.21	18.16	18.32	18.57
EGPRS (8PSK, 3-Slots)	23.18	23.10	23.26	23.70	18.76	18.68	18.84	19.28
EGPRS (8PSK, 4-Slots)	21.67	21.65	22.00	22.20	18.49	18.47	18.82	19.02

GSM-Full Power&Level1&2&3-Ant.4								
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)	30.17	30.24	30.37	30.80	20.98	21.05	21.18	21.61
GPRS (GMSK, 1-Slot)	29.89	29.88	30.01	30.80	20.70	20.69	20.82	21.61
GPRS (GMSK, 2-Slots)	27.18	27.19	27.40	27.80	21.05	21.06	21.27	21.67
GPRS (GMSK, 3-Slots)	25.47	25.47	25.72	26.00	21.05	21.05	21.30	21.58
GPRS (GMSK, 4-Slots)	24.34	24.33	**24.61**	25.30	21.16	21.15	21.43	**22.12**
EGPRS (8PSK, 1-Slot)	25.18	25.15	25.30	26.30	15.99	15.96	16.11	17.11
EGPRS (8PSK, 2-Slots)	22.80	22.86	23.10	23.80	16.67	16.73	16.97	17.67
EGPRS (8PSK, 3-Slots)	21.39	21.52	21.73	22.80	16.97	17.10	17.31	18.38
EGPRS (8PSK, 4-Slots)	20.13	20.18	20.41	21.30	16.95	17.00	17.23	18.12

GSM-LEVEL4-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)	32.63	32.67	32.67	32.70	23.54	23.58	23.58	23.51
GPRS (GMSK, 1-Slot)	31.86	31.92	31.91	32.70	22.67	22.73	22.72	23.51
GPRS (GMSK, 2-Slots)	29.15	29.20	29.21	29.70	23.02	23.07	23.08	23.57
GPRS (GMSK, 3-Slots)	27.84	27.88	27.80	27.90	23.52	23.56	23.58	23.48
GPRS (GMSK, 4-Slots)	26.77	26.84	**26.86**	27.20	23.59	23.66	23.68	**24.02**
EGPRS (8PSK, 1-Slot)	25.70	25.72	25.82	26.20	16.51	16.53	16.63	17.01
EGPRS (8PSK, 2-Slots)	23.31	23.27	23.39	23.70	17.18	17.14	17.26	17.57
EGPRS (8PSK, 3-Slots)	22.01	22.01	22.26	22.70	17.59	17.59	17.84	18.28
EGPRS (8PSK, 4-Slots)	20.57	20.65	21.12	21.20	17.39	17.47	17.94	18.02

GSM-LEVEL4-Ant.4								
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)	29.76	29.73	29.78	29.80	20.57	20.54	20.69	20.61
GPRS (GMSK, 1-Slot)	28.78	28.75	28.91	29.80	19.59	19.56	19.72	20.61
GPRS (GMSK, 2-Slots)	26.01	25.99	26.24	26.80	19.88	19.86	20.11	20.67
GPRS (GMSK, 3-Slots)	24.33	24.32	24.59	25.00	19.91	19.90	20.17	20.58
GPRS (GMSK, 4-Slots)	23.07	23.06	**23.32**	24.30	19.89	19.88	20.14	**21.12**
EGPRS (8PSK, 1-Slot)	24.45	24.12	24.24	25.30	15.26	14.93	15.05	16.11
EGPRS (8PSK, 2-Slots)	21.75	21.71	21.88	22.80	15.62	15.58	15.75	16.67
EGPRS (8PSK, 3-Slots)	20.30	20.39	20.51	21.80	15.88	15.97	16.09	17.38
EGPRS (8PSK, 4-Slots)	18.96	19.25	19.27	20.30	15.78	16.07	16.09	17.12

GSM-LEVEL5&6-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	31.00	30.89	31.20	23.57	23.62	23.62	22.01
GPRS (GMSK, 1-Slot)	30.40	30.42	30.42	31.20	21.21	21.23	21.23	22.01
GPRS (GMSK, 2-Slots)	27.72	27.72	27.74	28.20	21.59	21.59	21.61	22.07
GPRS (GMSK, 3-Slots)	26.36	26.31	26.33	26.40	22.04	22.09	22.11	21.98
GPRS (GMSK, 4-Slots)	25.33	25.39	**25.42**	25.70	22.15	22.21	22.24	**22.52**
EGPRS (8PSK, 1-Slot)	24.17	24.05	24.31	24.70	14.98	14.86	15.12	15.51
EGPRS (8PSK, 2-Slots)	21.68	22.10	21.74	22.20	15.55	15.97	15.61	16.07
EGPRS (8PSK, 3-Slots)	20.40	20.42	20.60	21.20	15.98	16.00	16.18	16.78
EGPRS (8PSK, 4-Slots)	19.21	19.21	19.31	19.70	16.03	16.03	16.13	16.52

GSM-LEVEL5&6-ANT.4								
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)	27.60	27.30	27.56	27.80	20.59	20.57	20.69	18.61
GPRS (GMSK, 1-Slot)	26.74	26.74	26.97	27.80	17.55	17.55	17.78	18.61
GPRS (GMSK, 2-Slots)	24.07	24.05	24.35	24.80	17.94	17.92	18.22	18.67
GPRS (GMSK, 3-Slots)	22.36	22.34	22.63	23.00	17.94	17.92	18.21	18.58
GPRS (GMSK, 4-Slots)	21.11	21.11	**21.37**	22.30	17.93	17.93	18.19	**19.12**
EGPRS (8PSK, 1-Slot)	22.14	22.36	22.64	23.30	12.95	13.17	13.45	14.11
EGPRS (8PSK, 2-Slots)	19.82	19.78	20.14	20.80	13.69	13.65	14.01	14.67
EGPRS (8PSK, 3-Slots)	18.88	18.79	19.10	19.80	14.46	14.37	14.68	15.38
EGPRS (8PSK, 4-Slots)	17.05	17.07	17.40	18.30	13.87	13.89	14.22	15.12

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.3				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.35	23.24	23.41	24.30
RMC 12.2Kbps	23.38	23.38	**23.43**	24.30
HSDPA Subtest-1	22.24	22.30	22.15	23.80
HSDPA Subtest-2	22.29	22.38	22.24	23.30
HSDPA Subtest-3	22.00	21.92	21.88	23.30
HSDPA Subtest-4	21.95	21.84	21.78	22.80
HSUPA Subtest-1	20.92	20.94	20.79	21.80
HSUPA Subtest-2	18.82	18.98	19.00	19.80
HSUPA Subtest-3	19.46	19.46	19.42	20.80
HSUPA Subtest-4	18.83	18.88	18.76	19.80
HSUPA Subtest-5	21.70	21.85	21.84	23.30
HSPA+ (16QAM)	20.87	20.76	20.95	22.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.35	23.53	23.49	24.30
RMC 12.2Kbps	23.48	**23.56**	23.54	24.30
HSDPA Subtest-1	22.63	22.53	22.62	23.30
HSDPA Subtest-2	22.47	22.57	22.37	23.30
HSDPA Subtest-3	22.24	22.22	22.23	22.80
HSDPA Subtest-4	22.03	22.20	22.20	22.80
HSUPA Subtest-1	20.89	20.96	20.88	21.80
HSUPA Subtest-2	18.88	18.86	18.93	19.80
HSUPA Subtest-3	19.83	19.98	19.72	20.80
HSUPA Subtest-4	18.34	18.87	18.66	19.80
HSUPA Subtest-5	22.62	22.66	22.77	23.30
HSPA+ (16QAM)	21.74	21.58	21.68	22.30

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	24.09	24.11	24.02	24.80
RMC 12.2Kbps	24.11	24.13	**24.14**	24.80
HSDPA Subtest-1	23.56	23.56	23.39	23.80
HSDPA Subtest-2	23.59	23.42	23.29	23.80
HSDPA Subtest-3	22.77	22.78	22.93	23.30
HSDPA Subtest-4	22.70	22.81	22.84	23.30
HSUPA Subtest-1	21.53	21.54	21.68	22.30
HSUPA Subtest-2	20.57	20.66	20.62	21.80
HSUPA Subtest-3	20.83	20.78	20.95	21.80
HSUPA Subtest-4	20.77	20.65	20.73	21.30
HSUPA Subtest-5	22.91	22.99	23.07	23.80
HSPA+ (16QAM)	22.00	21.98	22.08	22.80

WCDMA-Power LEVEL1-Ant.3				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	16.10	16.13	16.16	17.30
RMC 12.2Kbps	16.14	16.19	**16.20**	17.30
HSDPA Subtest-1	15.23	15.27	15.19	16.80
HSDPA Subtest-2	15.42	15.26	15.32	16.30
HSDPA Subtest-3	14.66	14.80	14.99	16.30
HSDPA Subtest-4	14.90	14.75	14.84	15.80
HSUPA Subtest-1	13.79	13.73	13.57	14.80
HSUPA Subtest-2	11.76	11.83	11.67	12.80
HSUPA Subtest-3	12.34	12.26	12.45	13.80
HSUPA Subtest-4	12.08	11.96	11.83	12.80
HSUPA Subtest-5	14.61	14.78	14.92	16.30
HSPA+ (16QAM)	13.75	13.66	13.92	15.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	16.84	16.80	16.86	17.80
RMC 12.2Kbps	16.84	**16.87**	16.86	17.80
HSDPA Subtest-1	15.78	15.96	15.93	16.80
HSDPA Subtest-2	15.99	15.98	15.84	16.80
HSDPA Subtest-3	15.51	15.49	15.69	16.30
HSDPA Subtest-4	15.52	15.48	15.32	16.30
HSUPA Subtest-1	14.68	14.48	14.65	15.30
HSUPA Subtest-2	12.47	12.48	12.68	13.30
HSUPA Subtest-3	13.57	13.50	13.69	14.30
HSUPA Subtest-4	12.35	12.46	12.28	13.30
HSUPA Subtest-5	15.66	15.48	15.41	16.80
HSPA+ (16QAM)	14.84	14.62	14.36	15.80

WCDMA-Power LEVEL1-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	20.47	20.50	20.37	21.30
RMC 12.2Kbps	**20.50**	**20.50**	**20.50**	21.30
HSDPA Subtest-1	19.31	19.48	19.30	20.30
HSDPA Subtest-2	19.36	19.48	19.43	20.30
HSDPA Subtest-3	19.10	19.01	18.92	19.80
HSDPA Subtest-4	18.84	18.96	19.05	19.80
HSUPA Subtest-1	17.99	18.10	18.20	18.80
HSUPA Subtest-2	17.49	17.59	17.65	18.30
HSUPA Subtest-3	17.40	17.59	17.62	18.30
HSUPA Subtest-4	17.09	16.95	16.97	17.80
HSUPA Subtest-5	19.61	19.46	19.65	20.30
HSPA+ (16QAM)	18.53	18.56	18.47	19.30

WCDMA-Power LEVEL2&3-Ant.3				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	15.25	15.25	15.21	16.30
RMC 12.2Kbps	15.27	**15.32**	15.29	16.30
HSDPA Subtest-1	14.45	14.26	14.40	15.80
HSDPA Subtest-2	14.12	14.24	14.18	15.30
HSDPA Subtest-3	13.80	13.78	13.66	15.30
HSDPA Subtest-4	13.97	13.77	13.94	14.80
HSUPA Subtest-1	12.57	12.73	12.63	13.80
HSUPA Subtest-2	10.88	10.96	11.15	11.80
HSUPA Subtest-3	11.42	11.26	11.28	12.80
HSUPA Subtest-4	10.97	10.95	10.75	11.80
HSUPA Subtest-5	13.65	13.79	13.60	15.30
HSPA+ (16QAM)	12.54	12.90	12.76	14.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	16.18	16.33	16.58	16.80
RMC 12.2Kbps	16.56	**16.63**	16.59	16.80
HSDPA Subtest-1	15.30	15.74	15.36	15.80
HSDPA Subtest-2	15.41	15.73	15.29	15.80
HSDPA Subtest-3	14.98	15.23	14.81	15.30
HSDPA Subtest-4	15.04	15.23	14.94	15.30
HSUPA Subtest-1	13.84	14.23	13.75	14.30
HSUPA Subtest-2	11.56	11.46	11.45	12.30
HSUPA Subtest-3	13.00	13.21	13.07	13.30
HSUPA Subtest-4	11.46	11.55	11.52	12.30
HSUPA Subtest-5	15.42	15.54	15.70	15.80
HSPA+ (16QAM)	14.37	14.61	14.73	14.80

WCDMA-Power LEVEL2&3-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	19.41	19.39	19.42	20.30
RMC 12.2Kbps	19.44	**19.47**	19.45	20.30
HSDPA Subtest-1	18.61	18.43	18.34	19.30
HSDPA Subtest-2	18.50	18.46	18.36	19.30
HSDPA Subtest-3	18.26	18.12	18.02	18.80
HSDPA Subtest-4	17.97	18.04	18.03	18.80
HSUPA Subtest-1	16.90	17.04	16.88	17.80
HSUPA Subtest-2	16.38	16.56	16.57	17.30
HSUPA Subtest-3	16.71	16.56	16.74	17.30
HSUPA Subtest-4	15.92	15.98	15.85	16.80
HSUPA Subtest-5	18.44	18.38	18.47	19.30
HSPA+ (16QAM)	17.54	17.30	17.40	18.30

WCDMA-Power LEVEL4-Ant.3				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.66	20.76	20.77	21.80
RMC 12.2Kbps	20.79	**20.81**	20.78	21.80
HSDPA Subtest-1	19.68	19.79	19.68	21.30
HSDPA Subtest-2	19.60	19.80	19.60	20.80
HSDPA Subtest-3	19.48	19.32	19.48	20.80
HSDPA Subtest-4	19.11	19.29	19.11	20.30
HSUPA Subtest-1	18.22	18.29	18.22	19.30
HSUPA Subtest-2	16.52	16.45	16.52	17.30
HSUPA Subtest-3	16.80	16.80	16.80	18.30
HSUPA Subtest-4	16.49	16.48	16.49	17.30
HSUPA Subtest-5	19.23	19.33	19.23	20.80
HSPA+ (16QAM)	18.27	18.45	18.14	19.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.86	20.91	20.91	21.80
RMC 12.2Kbps	20.98	**21.03**	21.01	21.80
HSDPA Subtest-1	20.08	20.03	19.85	20.80
HSDPA Subtest-2	19.95	20.02	20.21	20.80
HSDPA Subtest-3	19.66	19.60	19.60	20.30
HSDPA Subtest-4	19.42	19.54	19.56	20.30
HSUPA Subtest-1	18.40	18.52	18.32	19.30
HSUPA Subtest-2	16.53	16.55	16.61	17.30
HSUPA Subtest-3	17.65	17.54	17.55	18.30
HSUPA Subtest-4	16.63	16.58	16.71	17.30
HSUPA Subtest-5	19.58	19.59	19.72	20.80
HSPA+ (16QAM)	18.74	18.61	18.78	19.80

WCDMA-Power LEVEL4-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.01	23.04	23.02	23.80
RMC 12.2Kbps	23.05	**23.08**	23.06	23.80
HSDPA Subtest-1	22.23	22.05	22.02	22.80
HSDPA Subtest-2	21.88	22.05	22.10	22.80
HSDPA Subtest-3	21.65	21.62	21.60	22.30
HSDPA Subtest-4	21.39	21.54	21.50	22.30
HSUPA Subtest-1	20.41	20.56	20.37	21.30
HSUPA Subtest-2	20.13	20.04	19.99	20.80
HSUPA Subtest-3	20.00	20.09	20.03	20.80
HSUPA Subtest-4	19.53	19.56	19.75	20.30
HSUPA Subtest-5	21.99	22.07	22.04	22.80
HSPA+ (16QAM)	20.84	21.11	21.16	21.80

WCDMA-Power LEVEL5&6-Ant.3				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.29	19.25	19.23	20.30
RMC 12.2Kbps	19.32	**19.36**	19.34	20.30
HSDPA Subtest-1	18.17	18.31	18.12	19.80
HSDPA Subtest-2	18.14	18.30	18.30	19.30
HSDPA Subtest-3	17.73	17.88	17.81	19.30
HSDPA Subtest-4	17.71	17.83	17.78	18.80
HSUPA Subtest-1	16.94	16.78	16.85	17.80
HSUPA Subtest-2	14.79	14.96	14.81	15.80
HSUPA Subtest-3	15.51	15.43	15.29	16.80
HSUPA Subtest-4	15.18	14.98	14.97	15.80
HSUPA Subtest-5	17.96	17.82	17.79	19.30
HSPA+ (16QAM)	17.10	16.81	16.80	18.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.44	19.39	19.39	20.30
RMC 12.2Kbps	19.47	**19.54**	19.52	20.30
HSDPA Subtest-1	18.46	18.50	18.34	19.30
HSDPA Subtest-2	18.42	18.53	18.37	19.30
HSDPA Subtest-3	18.14	18.05	18.08	18.80
HSDPA Subtest-4	18.00	18.03	17.84	18.80
HSUPA Subtest-1	16.84	17.00	16.90	17.80
HSUPA Subtest-2	14.94	14.88	15.08	15.80
HSUPA Subtest-3	16.14	16.10	15.98	16.80
HSUPA Subtest-4	14.74	14.87	14.94	15.80
HSUPA Subtest-5	17.85	18.04	18.08	19.30
HSPA+ (16QAM)	16.73	17.03	17.27	18.30

WCDMA-Power LEVEL5&6-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	20.95	20.88	20.82	21.80
RMC 12.2Kbps	21.00	**21.03**	20.97	21.80
HSDPA Subtest-1	19.80	19.97	20.04	20.80
HSDPA Subtest-2	19.84	19.98	20.09	20.80
HSDPA Subtest-3	19.61	19.52	19.51	20.30
HSDPA Subtest-4	19.43	19.43	19.45	20.30
HSUPA Subtest-1	18.40	18.43	18.49	19.30
HSUPA Subtest-2	18.05	18.13	18.29	18.80
HSUPA Subtest-3	18.10	18.12	17.97	18.80
HSUPA Subtest-4	17.48	17.45	17.28	18.30
HSUPA Subtest-5	20.13	19.98	19.83	20.80
HSPA+ (16QAM)	19.17	18.97	18.77	19.80

8.2 WCDMA Output Power

WCDMA-Full Power&LEVEL1&2&3-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.69	23.80	23.90	24.80
RMC 12.2Kbps	23.78	**23.83**	23.82	24.80
HSDPA Subtest-1	22.85	22.76	22.78	23.80
HSDPA Subtest-2	23.03	22.83	22.90	23.80
HSDPA Subtest-3	22.21	22.35	22.20	23.30
HSDPA Subtest-4	22.37	22.31	22.31	23.30
HSUPA Subtest-1	21.31	21.44	21.53	22.30
HSUPA Subtest-2	19.53	19.44	19.55	20.30
HSUPA Subtest-3	19.86	19.92	19.79	21.30
HSUPA Subtest-4	19.37	19.46	19.49	20.30
HSUPA Subtest-5	22.33	22.34	22.52	23.80
HSPA+ (16QAM)	21.16	21.29	21.49	22.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.87	23.93	23.82	24.80
RMC 12.2Kbps	23.93	**23.98**	23.97	24.80
HSDPA Subtest-1	22.71	22.91	22.99	23.80
HSDPA Subtest-2	22.99	22.99	23.01	23.80
HSDPA Subtest-3	22.62	22.62	22.56	23.30
HSDPA Subtest-4	22.60	22.61	22.68	23.30
HSUPA Subtest-1	21.66	21.57	21.38	22.30
HSUPA Subtest-2	19.34	19.50	19.56	20.30
HSUPA Subtest-3	20.68	20.61	20.62	21.30
HSUPA Subtest-4	19.39	19.51	19.43	20.30
HSUPA Subtest-5	22.48	22.65	22.66	23.80
HSPA+ (16QAM)	21.36	21.61	21.50	22.80

WCDMA-Full Power&LEVEL1&2&3-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.03	24.14	24.12	24.70
RMC 12.2Kbps	**24.16**	24.14	24.15	24.70
HSDPA Subtest-1	23.03	23.12	23.19	23.70
HSDPA Subtest-2	23.14	23.13	23.19	23.70
HSDPA Subtest-3	22.72	22.73	22.71	23.20
HSDPA Subtest-4	22.78	22.63	22.66	23.20
HSUPA Subtest-1	21.69	21.59	21.75	22.20
HSUPA Subtest-2	21.01	21.12	21.16	21.70
HSUPA Subtest-3	21.17	21.16	21.03	21.70
HSUPA Subtest-4	20.28	20.44	20.46	21.20
HSUPA Subtest-5	23.17	23.16	23.23	23.70
HSPA+ (16QAM)	22.12	22.34	22.19	22.70

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WCDMA-Power LEVEL4-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.19	20.13	20.21	21.30
RMC 12.2Kbps	20.19	**20.33**	20.26	21.30
HSDPA Subtest-1	19.24	19.21	19.13	20.30
HSDPA Subtest-2	19.09	19.22	19.06	20.30
HSDPA Subtest-3	18.87	18.76	18.73	19.80
HSDPA Subtest-4	18.92	18.74	18.93	19.80
HSUPA Subtest-1	17.57	17.69	17.76	18.80
HSUPA Subtest-2	15.75	15.73	15.56	16.80
HSUPA Subtest-3	16.11	16.20	16.26	17.80
HSUPA Subtest-4	15.89	15.86	15.77	16.80
HSUPA Subtest-5	18.63	18.71	18.68	20.30
HSPA+ (16QAM)	17.52	17.79	17.66	19.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	21.28	21.35	21.31	22.30
RMC 12.2Kbps	21.36	**21.41**	21.39	22.30
HSDPA Subtest-1	20.52	20.36	20.18	21.30
HSDPA Subtest-2	20.48	20.40	20.29	21.30
HSDPA Subtest-3	19.97	19.94	19.90	20.80
HSDPA Subtest-4	19.88	19.89	19.92	20.80
HSUPA Subtest-1	18.98	18.89	18.71	19.80
HSUPA Subtest-2	17.05	16.92	16.96	17.80
HSUPA Subtest-3	17.92	17.92	17.75	18.80
HSUPA Subtest-4	17.03	16.96	17.15	17.80
HSUPA Subtest-5	19.87	19.94	19.77	21.30
HSPA+ (16QAM)	18.93	18.93	18.71	20.30

WCDMA-Power LEVEL4-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.47	23.45	23.47	24.20
RMC 12.2Kbps	**23.54**	23.53	23.52	24.20
HSDPA Subtest-1	22.50	22.53	22.50	23.20
HSDPA Subtest-2	22.62	22.56	22.47	23.20
HSDPA Subtest-3	22.08	22.07	22.04	22.70
HSDPA Subtest-4	21.91	22.07	22.20	22.70
HSUPA Subtest-1	21.10	21.00	21.17	21.70
HSUPA Subtest-2	20.65	20.54	20.63	21.20
HSUPA Subtest-3	20.59	20.56	20.52	21.20
HSUPA Subtest-4	19.73	19.85	19.89	20.70
HSUPA Subtest-5	22.31	22.49	22.69	23.20
HSPA+ (16QAM)	21.44	21.56	21.59	22.20

WCDMA-Power LEVEL5&6-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	18.12	18.11	18.32	19.30
RMC 12.2Kbps	18.16	**18.35**	18.21	19.30
HSDPA Subtest-1	16.98	17.18	17.13	18.30
HSDPA Subtest-2	17.04	17.20	17.30	18.30
HSDPA Subtest-3	16.85	16.68	16.77	17.80
HSDPA Subtest-4	16.69	16.67	16.82	17.80
HSUPA Subtest-1	15.72	15.74	15.88	16.80
HSUPA Subtest-2	14.06	13.96	13.81	14.80
HSUPA Subtest-3	14.29	14.30	14.25	15.80
HSUPA Subtest-4	13.91	13.97	14.09	14.80
HSUPA Subtest-5	16.84	16.69	16.69	18.30
HSPA+ (16QAM)	15.79	15.72	15.56	17.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.32	19.41	19.42	20.30
RMC 12.2Kbps	19.35	**19.42**	**19.42**	20.30
HSDPA Subtest-1	18.22	18.37	18.45	19.30
HSDPA Subtest-2	18.49	18.41	18.60	19.30
HSDPA Subtest-3	17.75	17.92	17.76	18.80
HSDPA Subtest-4	17.86	17.88	17.74	18.80
HSUPA Subtest-1	17.08	16.89	16.89	17.80
HSUPA Subtest-2	15.00	14.95	15.14	15.80
HSUPA Subtest-3	15.86	16.02	15.98	16.80
HSUPA Subtest-4	14.72	14.92	14.86	15.80
HSUPA Subtest-5	17.92	17.95	17.79	19.30
HSPA+ (16QAM)	16.77	17.14	16.97	18.30

WCDMA-Power LEVEL5&6-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	21.99	21.99	21.88	22.70
RMC 12.2Kbps	**22.03**	22.01	22.02	22.70
HSDPA Subtest-1	21.20	21.01	20.95	21.70
HSDPA Subtest-2	21.06	21.02	21.20	21.70
HSDPA Subtest-3	20.68	20.55	20.51	21.20
HSDPA Subtest-4	20.28	20.46	20.66	21.20
HSUPA Subtest-1	19.48	19.51	19.39	20.20
HSUPA Subtest-2	19.00	19.02	18.87	19.70
HSUPA Subtest-3	19.22	19.02	18.90	19.70
HSUPA Subtest-4	19.01	18.93	18.95	19.20
HSUPA Subtest-5	21.06	21.04	20.91	21.70
HSPA+ (16QAM)	20.25	20.17	19.86	20.70

8.3.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.65	22.70	22.61	23.80
		MID	QPSK	22.62	22.79	22.81	23.80
		HIGH	QPSK	22.64	22.90	22.88	23.80
	3	LOW	QPSK	22.67	22.55	22.69	23.80
		MID	QPSK	22.71	22.80	22.72	23.80
		HIGH	QPSK	22.72	22.68	22.92	23.80
	6	LOW	QPSK	21.77	21.65	21.90	22.80
1.4	1	LOW	Q16	22.39	22.07	22.30	22.80
		MID	Q16	22.30	22.27	22.50	22.80
		HIGH	Q16	22.19	22.22	22.55	22.80
	3	LOW	Q16	22.35	22.10	22.12	22.80
		MID	Q16	22.42	22.24	22.32	22.80
		HIGH	Q16	22.17	22.14	22.30	22.80
	6	LOW	Q16	20.68	20.71	20.96	21.80
1.4	1	LOW	64QAM	21.41	20.81	21.25	21.80
		MID	64QAM	21.49	21.35	21.65	21.80
		HIGH	64QAM	21.36	21.20	21.34	21.80
	3	LOW	64QAM	21.19	20.97	21.15	21.80
		MID	64QAM	21.46	21.20	21.50	21.80
		HIGH	64QAM	21.44	21.25	21.32	21.80
	6	LOW	64QAM	19.67	19.52	20.00	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.53	22.66	22.82	23.80
		MID	QPSK	22.55	22.85	22.95	23.80
		HIGH	QPSK	22.68	22.70	22.93	23.80
	8	LOW	QPSK	21.50	21.79	22.18	22.80
		MID	QPSK	21.72	21.72	22.08	22.80
		HIGH	QPSK	21.58	21.75	22.12	22.80
	15	LOW	QPSK	21.59	21.72	21.89	22.80
3	1	LOW	Q16	22.30	22.20	22.22	22.80
		MID	Q16	22.22	22.29	22.31	22.80
		HIGH	Q16	22.35	22.12	22.52	22.80
	8	LOW	Q16	20.78	20.86	20.94	21.80
		MID	Q16	20.73	20.79	20.80	21.80
		HIGH	Q16	20.69	20.91	20.83	21.80
	15	LOW	Q16	20.77	20.77	21.10	21.80
3	1	LOW	64QAM	21.22	20.93	21.35	21.80
		MID	64QAM	21.50	21.28	21.62	21.80
		HIGH	64QAM	21.33	21.29	21.30	21.80
	8	LOW	64QAM	19.71	19.93	19.80	20.80
		MID	64QAM	19.69	19.72	20.00	20.80
		HIGH	64QAM	19.62	19.71	19.83	20.80
	15	LOW	64QAM	19.74	19.62	19.90	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.51	22.58	22.70	23.80
		MID	QPSK	22.62	22.90	22.84	23.80
		HIGH	QPSK	22.47	22.75	22.92	23.80
	36	LOW	QPSK	21.74	21.88	22.11	22.80
		MID	QPSK	21.68	21.66	22.05	22.80
		HIGH	QPSK	21.73	21.93	22.17	22.80
	75	LOW	QPSK	21.85	21.65	22.03	22.80
5	1	LOW	Q16	22.37	22.04	22.28	22.80
		MID	Q16	22.21	22.10	22.37	22.80
		HIGH	Q16	22.40	22.07	22.58	22.80
	36	LOW	Q16	20.76	20.71	21.09	21.80
		MID	Q16	20.90	20.87	20.76	21.80
		HIGH	Q16	20.65	20.72	21.00	21.80
	75	LOW	Q16	20.84	20.86	21.11	21.80
5	1	LOW	64QAM	21.20	20.89	21.41	21.80
		MID	64QAM	21.37	21.23	21.49	21.80
		HIGH	64QAM	21.22	21.18	21.31	21.80
	36	LOW	64QAM	19.60	19.85	19.89	20.80
		MID	64QAM	19.80	19.75	19.82	20.80
		HIGH	64QAM	19.54	19.73	19.95	20.80
	75	LOW	64QAM	19.68	19.68	19.82	20.80

LTE B2-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.42	22.70	22.62	23.80
		MID	QPSK	22.76	22.79	22.75	23.80
		HIGH	QPSK	22.62	22.67	23.09	23.80
	50	LOW	QPSK	21.71	21.88	22.13	22.80
		MID	QPSK	21.65	21.90	22.09	22.80
		HIGH	QPSK	21.70	21.90	22.01	22.80
	100	LOW	QPSK	21.83	21.93	21.95	22.80
10	1	LOW	Q16	22.42	22.22	22.35	22.80
		MID	Q16	22.31	22.05	22.39	22.80
		HIGH	Q16	22.29	22.23	22.32	22.80
	50	LOW	Q16	20.56	20.73	20.86	21.80
		MID	Q16	20.69	20.85	20.89	21.80
		HIGH	Q16	20.88	20.93	21.01	21.80
	100	LOW	Q16	20.76	20.89	20.90	21.80
10	1	LOW	64QAM	21.48	20.96	21.40	21.80
		MID	64QAM	21.37	21.33	21.53	21.80
		HIGH	64QAM	21.20	21.07	21.41	21.80
	50	LOW	64QAM	19.63	19.92	19.98	20.80
		MID	64QAM	19.72	19.66	19.95	20.80
		HIGH	64QAM	19.67	19.88	19.83	20.80
	100	LOW	64QAM	19.73	19.73	19.92	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.65	22.54	22.56	23.80
		MID	QPSK	22.51	22.83	22.81	23.80
		HIGH	QPSK	22.75	22.65	23.07	23.80
	36	LOW	QPSK	21.52	21.63	21.98	22.80
		MID	QPSK	21.65	21.62	21.99	22.80
		HIGH	QPSK	21.68	21.97	22.02	22.80
	75	LOW	QPSK	21.70	21.77	21.96	22.80
15	1	LOW	Q16	22.42	22.13	22.16	22.80
		MID	Q16	22.34	22.23	22.29	22.80
		HIGH	Q16	22.16	22.17	22.36	22.80
	36	LOW	Q16	20.64	20.75	21.09	21.80
		MID	Q16	20.70	20.85	21.02	21.80
		HIGH	Q16	20.77	20.77	21.00	21.80
	75	LOW	Q16	20.78	20.66	21.09	21.80
15	1	LOW	64QAM	21.39	21.00	21.40	21.80
		MID	64QAM	21.33	21.29	21.41	21.80
		HIGH	64QAM	21.22	21.21	21.30	21.80
	36	LOW	64QAM	19.52	19.82	19.86	20.80
		MID	64QAM	19.91	19.85	19.87	20.80
		HIGH	64QAM	19.60	19.73	19.77	20.80
	75	LOW	64QAM	19.64	19.62	19.85	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.56	22.67	22.71	23.80
		MID	QPSK	22.61	22.76	22.83	23.80
		HIGH	QPSK	22.61	22.78	**22.95**	23.80
	50	LOW	QPSK	21.59	21.73	22.03	22.80
		MID	QPSK	21.70	21.75	21.97	22.80
		HIGH	QPSK	21.73	21.84	**22.05**	22.80
	100	LOW	QPSK	21.71	21.80	22.01	22.80
20	1	LOW	Q16	22.31	22.10	22.21	22.80
		MID	Q16	22.32	22.17	22.36	22.80
		HIGH	Q16	22.30	22.14	22.45	22.80
	50	LOW	Q16	20.69	20.73	21.00	21.80
		MID	Q16	20.79	20.76	20.90	21.80
		HIGH	Q16	20.78	20.84	20.97	21.80
	100	LOW	Q16	20.75	20.78	20.99	21.80
20	1	LOW	64QAM	21.33	20.95	21.30	21.80
		MID	64QAM	21.35	21.29	21.51	21.80
		HIGH	64QAM	21.33	21.15	21.44	21.80
	50	LOW	64QAM	19.56	19.78	19.87	20.80
		MID	64QAM	19.79	19.73	19.85	20.80
		HIGH	64QAM	19.69	19.86	19.84	20.80
	100	LOW	64QAM	19.70	19.67	19.97	20.80

LTE B2-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.82	16.83	16.78	17.30
		MID	QPSK	16.82	16.58	16.75	17.30
		HIGH	QPSK	16.73	16.85	16.82	17.30
	3	LOW	QPSK	16.67	16.71	16.59	17.30
		MID	QPSK	16.81	16.54	16.61	17.30
		HIGH	QPSK	16.78	16.68	17.02	17.30
	6	LOW	QPSK	16.76	16.65	16.80	17.30
1.4	1	LOW	Q16	17.04	17.03	16.87	17.30
		MID	Q16	16.94	17.01	17.13	17.30
		HIGH	Q16	16.99	17.03	17.03	17.30
	3	LOW	Q16	17.15	17.03	16.99	17.30
		MID	Q16	17.15	16.94	17.12	17.30
		HIGH	Q16	17.15	16.89	17.00	17.30
	6	LOW	Q16	16.63	16.56	16.80	17.30
1.4	1	LOW	64QAM	16.72	16.58	16.64	17.30
		MID	64QAM	16.70	16.70	16.82	17.30
		HIGH	64QAM	16.53	16.62	16.80	17.30
	3	LOW	64QAM	16.64	16.72	16.67	17.30
		MID	64QAM	16.75	16.67	16.91	17.30
		HIGH	64QAM	16.69	16.69	16.51	17.30
	6	LOW	64QAM	16.87	16.73	16.90	17.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	16.66	16.77	16.67	17.30
		MID	QPSK	16.77	16.82	16.62	17.30
		HIGH	QPSK	16.58	16.82	17.00	17.30
	8	LOW	QPSK	16.49	16.56	16.93	17.30
		MID	QPSK	16.77	16.74	16.80	17.30
		HIGH	QPSK	16.76	16.61	16.96	17.30
	15	LOW	QPSK	16.60	16.72	16.79	17.30
3	1	LOW	Q16	16.93	17.01	16.90	17.30
		MID	Q16	16.98	16.86	17.15	17.30
		HIGH	Q16	16.91	16.88	17.00	17.30
	8	LOW	Q16	16.71	16.80	16.84	17.30
		MID	Q16	16.83	16.63	16.89	17.30
		HIGH	Q16	16.85	16.75	16.86	17.30
	15	LOW	Q16	16.68	16.58	16.94	17.30
3	1	LOW	64QAM	17.09	17.01	16.95	17.30
		MID	64QAM	16.83	16.97	17.10	17.30
		HIGH	64QAM	16.86	17.00	17.10	17.30
	8	LOW	64QAM	16.58	16.55	16.78	17.30
		MID	64QAM	16.73	16.60	16.93	17.30
		HIGH	64QAM	16.63	16.74	16.94	17.30
	15	LOW	64QAM	16.84	16.58	16.76	17.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	16.81	16.61	16.58	17.30
		MID	QPSK	16.62	16.83	16.80	17.30
		HIGH	QPSK	16.73	16.62	16.83	17.30
	36	LOW	QPSK	16.52	16.71	16.82	17.30
		MID	QPSK	16.85	16.77	16.69	17.30
		HIGH	QPSK	16.68	16.57	16.78	17.30
	75	LOW	QPSK	16.61	16.63	16.83	17.30
5	1	LOW	Q16	17.07	16.82	17.01	17.30
		MID	Q16	17.14	16.94	17.00	17.30
		HIGH	Q16	17.13	16.88	17.00	17.30
	36	LOW	Q16	16.52	16.71	16.70	17.30
		MID	Q16	16.74	16.76	16.69	17.30
		HIGH	Q16	16.68	16.72	16.88	17.30
	75	LOW	Q16	16.81	16.56	16.93	17.30
5	1	LOW	64QAM	16.93	16.99	17.02	17.30
		MID	64QAM	16.88	16.95	17.13	17.30
		HIGH	64QAM	16.90	17.04	17.10	17.30
	36	LOW	64QAM	16.68	16.59	16.69	17.30
		MID	64QAM	16.70	16.69	16.91	17.30
		HIGH	64QAM	16.66	16.90	16.71	17.30
	75	LOW	64QAM	16.64	16.79	16.90	17.30

LTE B2-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	16.82	16.78	16.78	17.30
		MID	QPSK	16.76	16.75	16.87	17.30
		HIGH	QPSK	16.62	16.82	16.87	17.30
	50	LOW	QPSK	16.67	16.70	16.72	17.30
		MID	QPSK	16.87	16.68	16.69	17.30
		HIGH	QPSK	16.69	16.75	16.83	17.30
	100	LOW	QPSK	16.83	16.64	16.90	17.30
10	1	LOW	Q16	16.83	16.71	16.89	17.30
		MID	Q16	16.89	16.99	16.87	17.30
		HIGH	Q16	16.81	16.96	16.72	17.30
	50	LOW	Q16	16.56	16.59	16.79	17.30
		MID	Q16	16.90	16.71	16.65	17.30
		HIGH	Q16	16.73	16.83	16.87	17.30
	100	LOW	Q16	16.78	16.62	16.78	17.30
10	1	LOW	64QAM	16.82	16.91	16.78	17.30
		MID	64QAM	16.90	16.92	16.99	17.30
		HIGH	64QAM	16.73	16.87	16.90	17.30
	50	LOW	64QAM	16.70	16.41	16.76	17.30
		MID	64QAM	16.54	16.80	17.06	17.30
		HIGH	64QAM	16.78	16.97	16.67	17.30
	100	LOW	64QAM	16.66	16.57	16.75	17.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	16.58	16.76	16.79	17.30
		MID	QPSK	16.68	16.80	16.86	17.30
		HIGH	QPSK	16.63	16.80	16.81	17.30
	36	LOW	QPSK	16.57	16.74	16.84	17.30
		MID	QPSK	16.80	16.53	16.68	17.30
		HIGH	QPSK	16.80	16.83	16.75	17.30
	75	LOW	QPSK	16.83	16.67	16.89	17.30
15	1	LOW	Q16	16.93	17.00	16.86	17.30
		MID	Q16	17.05	17.04	16.83	17.30
		HIGH	Q16	16.99	16.93	16.94	17.30
	36	LOW	Q16	16.78	16.70	16.78	17.30
		MID	Q16	16.70	16.55	16.69	17.30
		HIGH	Q16	16.89	16.72	16.91	17.30
	75	LOW	Q16	16.62	16.75	16.66	17.30
15	1	LOW	64QAM	16.74	16.89	16.78	17.30
		MID	64QAM	16.94	16.92	16.92	17.30
		HIGH	64QAM	17.00	16.83	17.05	17.30
	36	LOW	64QAM	16.75	16.41	16.80	17.30
		MID	64QAM	16.61	16.57	16.85	17.30
		HIGH	64QAM	16.61	16.78	16.93	17.30
	75	LOW	64QAM	16.71	16.82	16.81	17.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	16.68	16.72	16.66	17.30
		MID	QPSK	16.70	16.69	16.73	17.30
		HIGH	QPSK	16.68	16.73	**16.87**	17.30
	50	LOW	QPSK	16.60	16.69	16.78	17.30
		MID	QPSK	16.73	16.63	16.77	17.30
		HIGH	QPSK	16.71	16.68	**16.81**	17.30
	100	LOW	QPSK	16.68	16.63	16.76	17.30
20	1	LOW	Q16	16.76	16.95	16.93	17.30
		MID	Q16	17.06	16.91	17.01	17.30
		HIGH	Q16	16.74	16.95	16.81	17.30
	50	LOW	Q16	16.66	16.67	16.84	17.30
		MID	Q16	16.76	16.63	16.80	17.30
		HIGH	Q16	16.76	16.69	16.86	17.30
	100	LOW	Q16	16.67	16.67	16.80	17.30
20	1	LOW	64QAM	16.72	16.88	16.99	17.30
		MID	64QAM	16.92	16.95	16.86	17.30
		HIGH	64QAM	16.90	16.70	16.93	17.30
	50	LOW	64QAM	16.67	16.55	16.81	17.30
		MID	64QAM	16.62	16.70	16.93	17.30
		HIGH	64QAM	16.67	16.83	16.79	17.30
	100	LOW	64QAM	16.75	16.68	16.78	17.30

LTE B2-LEVEL2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.07	15.20	15.16	15.80
		MID	QPSK	15.04	15.16	15.03	15.80
		HIGH	QPSK	15.11	15.25	15.20	15.80
	3	LOW	QPSK	15.22	15.18	15.17	15.80
		MID	QPSK	15.09	14.99	15.13	15.80
		HIGH	QPSK	14.96	15.11	15.36	15.80
	6	LOW	QPSK	15.01	15.03	15.33	15.80
1.4	1	LOW	Q16	15.48	15.38	15.36	15.80
		MID	Q16	15.43	15.54	15.35	15.80
		HIGH	Q16	15.51	15.38	15.43	15.80
	3	LOW	Q16	15.54	15.38	15.40	15.80
		MID	Q16	15.37	15.41	15.40	15.80
		HIGH	Q16	15.47	15.29	15.39	15.80
	6	LOW	Q16	15.08	15.01	15.15	15.80
1.4	1	LOW	64QAM	15.68	15.57	15.39	15.80
		MID	64QAM	15.41	15.40	15.37	15.80
		HIGH	64QAM	15.66	15.35	15.38	15.80
	3	LOW	64QAM	15.50	15.48	15.37	15.80
		MID	64QAM	15.42	15.54	15.59	15.80
		HIGH	64QAM	15.32	15.41	15.48	15.80
	6	LOW	64QAM	15.16	15.17	15.26	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	15.16	15.11	15.13	15.80
		MID	QPSK	15.06	15.03	15.03	15.80
		HIGH	QPSK	14.95	15.06	15.32	15.80
	8	LOW	QPSK	14.91	15.02	15.21	15.80
		MID	QPSK	15.10	15.19	15.25	15.80
		HIGH	QPSK	15.08	15.16	15.26	15.80
	15	LOW	QPSK	15.06	14.97	15.21	15.80
3	1	LOW	Q16	15.41	15.29	15.22	15.80
		MID	Q16	15.49	15.21	15.50	15.80
		HIGH	Q16	15.31	15.30	15.30	15.80
	8	LOW	Q16	15.14	15.24	15.10	15.80
		MID	Q16	15.25	15.11	15.25	15.80
		HIGH	Q16	15.14	15.22	15.27	15.80
	15	LOW	Q16	15.14	15.24	15.15	15.80
3	1	LOW	64QAM	15.34	15.34	15.33	15.80
		MID	64QAM	15.42	15.24	15.50	15.80
		HIGH	64QAM	15.48	15.21	15.49	15.80
	8	LOW	64QAM	14.97	15.25	15.34	15.80
		MID	64QAM	15.20	15.22	15.31	15.80
		HIGH	64QAM	14.94	15.23	15.37	15.80
	15	LOW	64QAM	15.10	15.07	15.27	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	15.08	15.05	15.10	15.80
		MID	QPSK	15.19	15.02	15.13	15.80
		HIGH	QPSK	14.93	15.09	15.18	15.80
	36	LOW	QPSK	14.89	15.19	15.16	15.80
		MID	QPSK	15.19	15.21	15.15	15.80
		HIGH	QPSK	15.30	14.99	15.19	15.80
	75	LOW	QPSK	15.07	15.16	15.22	15.80
5	1	LOW	Q16	15.37	15.27	15.40	15.80
		MID	Q16	15.26	15.17	15.20	15.80
		HIGH	Q16	15.24	15.21	15.35	15.80
	36	LOW	Q16	15.02	15.12	15.33	15.80
		MID	Q16	15.28	15.14	15.25	15.80
		HIGH	Q16	15.08	15.19	15.28	15.80
	75	LOW	Q16	14.99	15.12	15.30	15.80
5	1	LOW	64QAM	15.22	15.33	15.28	15.80
		MID	64QAM	15.37	15.12	15.22	15.80
		HIGH	64QAM	15.30	15.27	15.26	15.80
	36	LOW	64QAM	15.01	15.12	15.13	15.80
		MID	64QAM	15.13	15.30	15.16	15.80
		HIGH	64QAM	15.10	15.37	15.34	15.80
	75	LOW	64QAM	15.18	15.06	15.19	15.80

LTE B2-LEVEL2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	14.97	15.22	14.90	15.80
		MID	QPSK	14.96	15.26	15.25	15.80
		HIGH	QPSK	15.07	15.12	15.40	15.80
	50	LOW	QPSK	15.09	15.09	15.10	15.80
		MID	QPSK	15.17	15.00	15.14	15.80
		HIGH	QPSK	15.12	15.01	15.19	15.80
	100	LOW	QPSK	14.95	15.07	15.10	15.80
10	1	LOW	Q16	15.30	15.25	15.44	15.80
		MID	Q16	15.49	15.23	15.40	15.80
		HIGH	Q16	15.31	15.42	15.39	15.80
	50	LOW	Q16	15.13	15.25	15.30	15.80
		MID	Q16	15.15	15.16	15.22	15.80
		HIGH	Q16	15.20	15.18	15.23	15.80
	100	LOW	Q16	15.05	15.23	15.32	15.80
10	1	LOW	64QAM	15.50	15.21	15.25	15.80
		MID	64QAM	15.38	15.43	15.28	15.80
		HIGH	64QAM	15.45	15.22	15.43	15.80
	50	LOW	64QAM	15.09	15.25	15.43	15.80
		MID	64QAM	15.31	15.20	15.29	15.80
		HIGH	64QAM	15.18	15.43	15.12	15.80
	100	LOW	64QAM	15.19	15.06	15.32	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	15.08	15.17	14.97	15.80
		MID	QPSK	15.12	15.19	15.11	15.80
		HIGH	QPSK	14.91	15.17	15.21	15.80
	36	LOW	QPSK	14.88	14.97	15.26	15.80
		MID	QPSK	15.20	14.93	15.07	15.80
		HIGH	QPSK	15.13	15.26	15.17	15.80
	75	LOW	QPSK	15.20	15.24	15.35	15.80
15	1	LOW	Q16	15.33	15.38	15.22	15.80
		MID	Q16	15.46	15.49	15.25	15.80
		HIGH	Q16	15.26	15.39	15.34	15.80
	36	LOW	Q16	14.95	15.14	15.10	15.80
		MID	Q16	15.14	15.21	15.03	15.80
		HIGH	Q16	15.14	15.10	15.14	15.80
	75	LOW	Q16	15.08	15.09	15.37	15.80
15	1	LOW	64QAM	15.43	15.21	15.26	15.80
		MID	64QAM	15.40	15.33	15.31	15.80
		HIGH	64QAM	15.44	15.21	15.45	15.80
	36	LOW	64QAM	14.88	15.00	15.20	15.80
		MID	64QAM	15.25	15.10	15.07	15.80
		HIGH	64QAM	15.13	15.23	15.12	15.80
	75	LOW	64QAM	15.28	15.15	15.27	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	15.09	15.13	15.05	15.80
		MID	QPSK	15.06	15.11	15.12	15.80
		HIGH	QPSK	15.06	15.14	**15.28**	15.80
	50	LOW	QPSK	15.03	15.10	15.23	15.80
		MID	QPSK	15.13	15.07	15.20	15.80
		HIGH	QPSK	15.15	15.14	**15.26**	15.80
	100	LOW	QPSK	15.09	15.09	15.23	15.80
20	1	LOW	Q16	15.37	15.23	15.48	15.80
		MID	Q16	15.37	15.21	15.25	15.80
		HIGH	Q16	15.33	15.21	15.43	15.80
	50	LOW	Q16	15.07	15.13	15.21	15.80
		MID	Q16	15.15	15.12	15.17	15.80
		HIGH	Q16	15.13	15.17	15.24	15.80
	100	LOW	Q16	15.10	15.11	15.22	15.80
20	1	LOW	64QAM	15.49	15.23	15.42	15.80
		MID	64QAM	15.46	15.41	15.27	15.80
		HIGH	64QAM	15.43	15.50	14.67	15.80
	50	LOW	64QAM	15.03	15.10	15.28	15.80
		MID	64QAM	15.20	15.19	15.18	15.80
		HIGH	64QAM	15.04	15.29	15.27	15.80
	100	LOW	64QAM	15.25	15.18	15.29	15.80

LTE B2-LEVEL4 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.52	20.49	20.64	21.30
		MID	QPSK	20.47	20.50	20.65	21.30
		HIGH	QPSK	20.39	20.56	20.83	21.30
	3	LOW	QPSK	20.41	20.51	20.48	21.30
		MID	QPSK	20.44	20.46	20.67	21.30
		HIGH	QPSK	20.36	20.53	20.73	21.30
	6	LOW	QPSK	20.58	20.47	20.79	21.30
1.4	1	LOW	Q16	20.97	21.11	20.89	21.30
		MID	Q16	21.11	20.88	21.04	21.30
		HIGH	Q16	20.97	20.87	21.13	21.30
	3	LOW	Q16	21.17	21.02	20.91	21.30
		MID	Q16	21.04	20.94	20.91	21.30
		HIGH	Q16	21.05	20.89	21.15	21.30
	6	LOW	Q16	20.48	20.46	20.83	21.30
1.4	1	LOW	64QAM	21.16	21.16	21.08	21.30
		MID	64QAM	21.13	20.98	20.96	21.30
		HIGH	64QAM	21.07	20.96	21.11	21.30
	3	LOW	64QAM	21.17	21.13	20.96	21.30
		MID	64QAM	20.99	21.14	20.89	21.30
		HIGH	64QAM	20.97	20.87	20.99	21.30
	6	LOW	64QAM	20.00	20.09	20.41	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.41	20.56	20.48	21.30
		MID	QPSK	20.44	20.57	20.47	21.30
		HIGH	QPSK	20.62	20.68	20.66	21.30
	8	LOW	QPSK	20.54	20.51	20.64	21.30
		MID	QPSK	20.61	20.39	20.78	21.30
		HIGH	QPSK	20.44	20.53	20.67	21.30
	15	LOW	QPSK	20.34	20.69	20.65	21.30
3	1	LOW	Q16	21.03	21.00	21.08	21.30
		MID	Q16	20.99	21.01	20.98	21.30
		HIGH	Q16	21.28	20.90	21.21	21.30
	8	LOW	Q16	20.66	20.61	20.89	21.30
		MID	Q16	20.71	20.68	20.59	21.30
		HIGH	Q16	20.73	20.55	20.67	21.30
	15	LOW	Q16	20.62	20.64	20.79	21.30
3	1	LOW	64QAM	21.12	20.99	21.06	21.30
		MID	64QAM	21.05	21.07	20.95	21.30
		HIGH	64QAM	21.12	20.92	21.11	21.30
	8	LOW	64QAM	19.95	20.32	20.37	20.80
		MID	64QAM	20.04	20.21	19.95	20.80
		HIGH	64QAM	20.06	20.21	20.03	20.80
	15	LOW	64QAM	19.93	20.04	20.42	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.45	20.41	20.47	21.30
		MID	QPSK	20.33	20.58	20.63	21.30
		HIGH	QPSK	20.45	20.51	20.74	21.30
	36	LOW	QPSK	20.51	20.63	20.65	21.30
		MID	QPSK	20.58	20.44	20.67	21.30
		HIGH	QPSK	20.42	20.74	20.81	21.30
	75	LOW	QPSK	20.57	20.63	20.65	21.30
5	1	LOW	Q16	21.03	20.82	21.00	21.30
		MID	Q16	20.88	20.82	20.96	21.30
		HIGH	Q16	20.88	21.02	20.98	21.30
	36	LOW	Q16	20.68	20.52	20.68	21.30
		MID	Q16	20.46	20.59	20.73	21.30
		HIGH	Q16	20.55	20.58	20.91	21.30
	75	LOW	Q16	20.66	20.46	20.85	21.30
5	1	LOW	64QAM	20.94	20.90	21.04	21.30
		MID	64QAM	20.85	21.01	20.85	21.30
		HIGH	64QAM	21.08	20.89	20.87	21.30
	36	LOW	64QAM	19.95	20.39	20.29	20.80
		MID	64QAM	20.03	20.06	20.11	20.80
		HIGH	64QAM	19.94	19.93	20.15	20.80
	75	LOW	64QAM	20.06	20.33	20.35	20.80

LTE B2-LEVEL4 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.27	20.54	20.63	21.30
		MID	QPSK	20.31	20.45	20.61	21.30
		HIGH	QPSK	20.62	20.50	20.75	21.30
	50	LOW	QPSK	20.31	20.57	20.63	21.30
		MID	QPSK	20.39	20.39	20.54	21.30
		HIGH	QPSK	20.68	20.67	20.62	21.30
	100	LOW	QPSK	20.51	20.45	20.77	21.30
10	1	LOW	Q16	20.88	21.01	20.86	21.30
		MID	Q16	20.83	20.81	21.01	21.30
		HIGH	Q16	21.04	21.09	20.95	21.30
	50	LOW	Q16	20.64	20.48	20.69	21.30
		MID	Q16	20.60	20.49	20.82	21.30
		HIGH	Q16	20.77	20.60	20.72	21.30
	100	LOW	Q16	20.63	20.71	20.73	21.30
10	1	LOW	64QAM	21.02	21.02	21.06	21.30
		MID	64QAM	20.85	21.06	20.88	21.30
		HIGH	64QAM	20.93	20.87	20.98	21.30
	50	LOW	64QAM	19.84	20.25	20.18	20.80
		MID	64QAM	19.90	20.16	20.20	20.80
		HIGH	64QAM	20.14	20.19	20.23	20.80
	100	LOW	64QAM	19.94	20.25	20.25	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.45	20.42	20.65	21.30
		MID	QPSK	20.46	20.44	20.47	21.30
		HIGH	QPSK	20.34	20.45	20.82	21.30
	36	LOW	QPSK	20.38	20.65	20.78	21.30
		MID	QPSK	20.65	20.59	20.78	21.30
		HIGH	QPSK	20.50	20.53	20.62	21.30
	75	LOW	QPSK	20.50	20.66	20.71	21.30
15	1	LOW	Q16	20.97	20.81	20.81	21.30
		MID	Q16	20.87	20.86	20.91	21.30
		HIGH	Q16	20.95	21.06	21.08	21.30
	36	LOW	Q16	20.46	20.48	20.81	21.30
		MID	Q16	20.72	20.46	20.67	21.30
		HIGH	Q16	20.78	20.69	20.74	21.30
	75	LOW	Q16	20.52	20.70	20.55	21.30
15	1	LOW	64QAM	21.01	21.05	21.04	21.30
		MID	64QAM	21.03	20.91	21.08	21.30
		HIGH	64QAM	21.02	21.10	20.85	21.30
	36	LOW	64QAM	19.79	20.21	20.23	20.80
		MID	64QAM	20.10	20.11	20.10	20.80
		HIGH	64QAM	20.13	19.95	20.26	20.80
	75	LOW	64QAM	20.10	20.16	20.47	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.40	20.53	20.50	21.30
		MID	QPSK	20.38	20.49	20.56	21.30
		HIGH	QPSK	20.47	**20.67**	20.65	21.30
	50	LOW	QPSK	20.42	20.58	20.63	21.30
		MID	QPSK	20.50	20.53	20.65	21.30
		HIGH	QPSK	20.57	**20.69**	20.67	21.30
	100	LOW	QPSK	20.49	20.57	20.75	21.30
20	1	LOW	Q16	20.82	21.02	21.01	21.30
		MID	Q16	21.10	21.01	21.06	21.30
		HIGH	Q16	20.86	21.04	20.91	21.30
	50	LOW	Q16	20.54	20.62	20.76	21.30
		MID	Q16	20.58	20.57	20.69	21.30
		HIGH	Q16	20.65	20.63	20.76	21.30
	100	LOW	Q16	20.59	20.57	20.70	21.30
20	1	LOW	64QAM	20.85	21.07	21.04	21.30
		MID	64QAM	21.05	20.85	20.99	21.30
		HIGH	64QAM	21.04	20.96	21.07	21.30
	50	LOW	64QAM	19.93	20.26	20.25	20.80
		MID	64QAM	19.96	20.16	20.10	20.80
		HIGH	64QAM	20.08	20.08	20.16	20.80
	100	LOW	64QAM	19.97	20.19	20.34	20.80

LTE B2-LEVEL5&6 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.36	19.38	19.40	20.30
		MID	QPSK	19.37	19.37	19.38	20.30
		HIGH	QPSK	19.58	19.52	19.53	20.30
	3	LOW	QPSK	19.35	19.47	19.56	20.30
		MID	QPSK	19.24	19.43	19.48	20.30
		HIGH	QPSK	19.36	19.64	19.79	20.30
	6	LOW	QPSK	19.57	19.38	19.75	20.30
1.4	1	LOW	Q16	19.90	19.91	19.93	20.30
		MID	Q16	19.88	19.96	19.92	20.30
		HIGH	Q16	20.07	20.05	19.86	20.30
	3	LOW	Q16	19.96	19.98	19.92	20.30
		MID	Q16	19.96	19.94	19.85	20.30
		HIGH	Q16	19.90	19.99	20.06	20.30
	6	LOW	Q16	19.61	19.61	19.79	20.30
1.4	1	LOW	64QAM	19.84	19.98	19.88	20.30
		MID	64QAM	19.99	20.05	19.91	20.30
		HIGH	64QAM	19.89	19.97	20.05	20.30
	3	LOW	64QAM	20.01	19.90	19.87	20.30
		MID	64QAM	20.03	19.97	20.06	20.30
		HIGH	64QAM	19.88	19.94	19.94	20.30
	6	LOW	64QAM	19.38	19.70	19.59	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.48	19.63	19.41	20.30
		MID	QPSK	19.26	19.37	19.65	20.30
		HIGH	QPSK	19.56	19.42	19.61	20.30
	8	LOW	QPSK	19.36	19.48	19.68	20.30
		MID	QPSK	19.47	19.38	19.71	20.30
		HIGH	QPSK	19.70	19.67	19.57	20.30
	15	LOW	QPSK	19.32	19.39	19.56	20.30
3	1	LOW	Q16	20.01	20.00	19.87	20.30
		MID	Q16	19.89	20.05	20.00	20.30
		HIGH	Q16	19.84	20.00	20.05	20.30
	8	LOW	Q16	19.60	19.49	19.67	20.30
		MID	Q16	19.50	19.61	19.46	20.30
		HIGH	Q16	19.47	19.61	19.77	20.30
	15	LOW	Q16	19.41	19.52	19.63	20.30
3	1	LOW	64QAM	19.94	19.76	20.02	20.30
		MID	64QAM	19.88	20.02	19.96	20.30
		HIGH	64QAM	19.93	19.95	20.08	20.30
	8	LOW	64QAM	19.55	19.45	19.69	20.30
		MID	64QAM	19.68	19.57	19.60	20.30
		HIGH	64QAM	19.45	19.67	19.87	20.30
	15	LOW	64QAM	19.42	19.45	19.76	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.46	19.63	19.37	20.30
		MID	QPSK	19.37	19.65	19.53	20.30
		HIGH	QPSK	19.44	19.55	19.74	20.30
	36	LOW	QPSK	19.48	19.54	19.55	20.30
		MID	QPSK	19.41	19.44	19.58	20.30
		HIGH	QPSK	19.64	19.39	19.67	20.30
	75	LOW	QPSK	19.44	19.55	19.73	20.30
5	1	LOW	Q16	19.81	20.01	19.81	20.30
		MID	Q16	19.95	20.08	19.82	20.30
		HIGH	Q16	19.98	20.10	19.98	20.30
	36	LOW	Q16	19.34	19.56	19.86	20.30
		MID	Q16	19.42	19.46	19.66	20.30
		HIGH	Q16	19.66	19.69	19.65	20.30
	75	LOW	Q16	19.42	19.49	19.62	20.30
5	1	LOW	64QAM	20.02	19.77	20.10	20.30
		MID	64QAM	19.91	19.95	19.91	20.30
		HIGH	64QAM	19.92	19.97	19.84	20.30
	36	LOW	64QAM	19.49	19.46	19.75	20.30
		MID	64QAM	19.75	19.56	19.70	20.30
		HIGH	64QAM	19.57	19.56	19.91	20.30
	75	LOW	64QAM	19.40	19.60	19.60	20.30

LTE B2-LEVEL5&6 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.53	19.65	19.42	20.30
		MID	QPSK	19.40	19.50	19.59	20.30
		HIGH	QPSK	19.42	19.38	19.69	20.30
	50	LOW	QPSK	19.46	19.58	19.60	20.30
		MID	QPSK	19.45	19.61	19.55	20.30
		HIGH	QPSK	19.45	19.69	19.64	20.30
	100	LOW	QPSK	19.34	19.53	19.75	20.30
10	1	LOW	Q16	20.04	20.00	19.97	20.30
		MID	Q16	19.99	20.04	19.96	20.30
		HIGH	Q16	20.05	19.82	20.05	20.30
	50	LOW	Q16	19.51	19.60	19.76	20.30
		MID	Q16	19.64	19.39	19.55	20.30
		HIGH	Q16	19.54	19.49	19.64	20.30
	100	LOW	Q16	19.53	19.49	19.55	20.30
10	1	LOW	64QAM	19.95	19.81	19.85	20.30
		MID	64QAM	19.81	20.04	19.81	20.30
		HIGH	64QAM	19.91	20.07	19.86	20.30
	50	LOW	64QAM	19.58	19.53	19.81	20.30
		MID	64QAM	19.62	19.62	19.59	20.30
		HIGH	64QAM	19.70	19.58	19.85	20.30
	100	LOW	64QAM	19.54	19.52	19.75	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.37	19.64	19.32	20.30
		MID	QPSK	19.52	19.64	19.60	20.30
		HIGH	QPSK	19.60	19.42	19.72	20.30
	36	LOW	QPSK	19.39	19.64	19.57	20.30
		MID	QPSK	19.48	19.45	19.75	20.30
		HIGH	QPSK	19.48	19.52	19.56	20.30
	75	LOW	QPSK	19.34	19.63	19.78	20.30
15	1	LOW	Q16	19.81	19.94	20.02	20.30
		MID	Q16	20.04	20.05	19.92	20.30
		HIGH	Q16	20.08	20.10	19.97	20.30
	36	LOW	Q16	19.61	19.43	19.78	20.30
		MID	Q16	19.50	19.37	19.58	20.30
		HIGH	Q16	19.62	19.46	19.58	20.30
	75	LOW	Q16	19.56	19.50	19.65	20.30
15	1	LOW	64QAM	19.88	19.80	19.92	20.30
		MID	64QAM	20.00	20.10	20.08	20.30
		HIGH	64QAM	20.06	19.91	19.93	20.30
	36	LOW	64QAM	19.66	19.57	19.80	20.30
		MID	64QAM	19.81	19.54	19.55	20.30
		HIGH	64QAM	19.70	19.48	19.72	20.30
	75	LOW	64QAM	19.44	19.48	19.70	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.46	19.50	19.43	20.30
		MID	QPSK	19.39	19.50	19.50	20.30
		HIGH	QPSK	19.47	**19.63**	19.62	20.30
	50	LOW	QPSK	19.38	19.54	19.57	20.30
		MID	QPSK	19.47	19.50	19.58	20.30
		HIGH	QPSK	19.55	**19.60**	19.59	20.30
	100	LOW	QPSK	19.45	19.51	19.68	20.30
20	1	LOW	Q16	19.81	19.65	19.65	20.30
		MID	Q16	19.80	19.68	19.70	20.30
		HIGH	Q16	19.82	19.68	19.83	20.30
	50	LOW	Q16	19.47	19.58	19.72	20.30
		MID	Q16	19.55	19.50	19.61	20.30
		HIGH	Q16	19.62	19.59	19.69	20.30
	100	LOW	Q16	19.54	19.51	19.69	20.30
20	1	LOW	64QAM	19.71	19.85	19.71	20.30
		MID	64QAM	19.85	19.75	19.64	20.30
		HIGH	64QAM	19.68	19.79	19.83	20.30
	50	LOW	64QAM	19.52	19.59	19.76	20.30
		MID	64QAM	19.67	19.62	19.61	20.30
		HIGH	64QAM	19.58	19.56	19.78	20.30
	100	LOW	64QAM	19.47	19.60	19.61	20.30

8.3.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.50	23.43	23.47	23.80
		MID	QPSK	23.23	23.62	23.56	23.80
		HIGH	QPSK	23.31	23.34	23.53	23.80
	3	LOW	QPSK	23.35	23.36	23.38	24.30
		MID	QPSK	23.47	23.60	23.40	24.30
		HIGH	QPSK	23.32	23.43	23.67	24.30
	6	LOW	QPSK	22.49	22.43	22.79	23.30
1.4	1	LOW	Q16	23.03	22.71	22.77	23.30
		MID	Q16	22.94	22.76	22.96	23.30
		HIGH	Q16	23.12	22.68	23.09	23.30
	3	LOW	Q16	23.04	22.76	22.80	23.30
		MID	Q16	23.03	23.00	22.97	23.30
		HIGH	Q16	22.90	22.86	23.21	23.30
	6	LOW	Q16	21.39	21.46	21.51	22.30
1.4	1	LOW	64QAM	21.84	22.01	22.03	22.30
		MID	64QAM	22.07	21.90	22.17	22.30
		HIGH	64QAM	22.05	21.72	22.29	22.30
	3	LOW	64QAM	22.04	21.81	21.94	22.30
		MID	64QAM	22.04	21.80	21.93	22.30
		HIGH	64QAM	21.96	21.58	22.26	22.30
	6	LOW	64QAM	20.34	20.35	20.59	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.29	23.29	23.55	24.30
		MID	QPSK	23.50	23.43	23.46	24.30
		HIGH	QPSK	23.35	23.40	23.60	24.30
	8	LOW	QPSK	22.53	22.28	22.57	23.30
		MID	QPSK	22.55	22.43	22.66	23.30
		HIGH	QPSK	22.57	22.51	22.85	23.30
	15	LOW	QPSK	22.39	22.34	22.59	23.30
3	1	LOW	Q16	22.94	22.72	22.84	23.30
		MID	Q16	23.07	22.95	22.85	23.30
		HIGH	Q16	23.04	22.88	23.04	23.30
	8	LOW	Q16	21.28	21.37	21.49	22.30
		MID	Q16	21.59	21.55	21.41	22.30
		HIGH	Q16	21.45	21.45	21.80	22.30
	15	LOW	Q16	21.32	21.42	21.58	22.30
3	1	LOW	64QAM	21.86	21.83	22.12	22.30
		MID	64QAM	21.93	21.88	22.09	22.30
		HIGH	64QAM	22.05	21.71	22.12	22.30
	8	LOW	64QAM	20.08	20.29	20.74	21.30
		MID	64QAM	20.57	20.50	20.59	21.30
		HIGH	64QAM	20.56	20.50	20.49	21.30
	15	LOW	64QAM	20.61	20.55	20.67	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.37	23.49	23.48	24.30
		MID	QPSK	23.46	23.40	23.35	24.30
		HIGH	QPSK	23.45	23.42	23.65	24.30
	36	LOW	QPSK	22.28	22.38	22.60	23.30
		MID	QPSK	22.56	22.57	22.53	23.30
		HIGH	QPSK	22.64	22.51	22.79	23.30
	75	LOW	QPSK	22.47	22.61	22.57	23.30
5	1	LOW	Q16	22.89	22.70	22.91	23.30
		MID	Q16	22.92	22.92	23.04	23.30
		HIGH	Q16	23.15	22.86	23.23	23.30
	36	LOW	Q16	21.47	21.32	21.69	22.30
		MID	Q16	21.31	21.33	21.51	22.30
		HIGH	Q16	21.68	21.43	21.71	22.30
	75	LOW	Q16	21.51	21.50	21.72	22.30
5	1	LOW	64QAM	21.93	21.86	22.12	22.30
		MID	64QAM	22.04	21.78	22.15	22.30
		HIGH	64QAM	21.92	21.72	22.23	22.30
	36	LOW	64QAM	20.07	20.28	20.75	21.30
		MID	64QAM	20.35	20.53	20.77	21.30
		HIGH	64QAM	20.37	20.38	20.49	21.30
	75	LOW	64QAM	20.53	20.27	20.55	21.30

LTE B2-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.29	23.29	23.35	24.30
		MID	QPSK	23.43	23.51	23.60	24.30
		HIGH	QPSK	23.37	23.30	23.51	24.30
	50	LOW	QPSK	22.31	22.47	22.50	23.30
		MID	QPSK	22.56	22.62	22.60	23.30
		HIGH	QPSK	22.49	22.42	22.81	23.30
	100	LOW	QPSK	22.37	22.57	22.62	23.30
10	1	LOW	Q16	23.01	22.81	22.81	23.30
		MID	Q16	22.95	22.98	23.10	23.30
		HIGH	Q16	23.15	22.63	23.20	23.30
	50	LOW	Q16	21.28	21.33	21.64	22.30
		MID	Q16	21.59	21.55	21.41	22.30
		HIGH	Q16	21.65	21.46	21.64	22.30
	100	LOW	Q16	21.39	21.45	21.65	22.30
10	1	LOW	64QAM	21.91	22.03	22.04	22.30
		MID	64QAM	22.06	21.73	22.08	22.30
		HIGH	64QAM	22.12	21.87	22.08	22.30
	50	LOW	64QAM	20.12	20.29	20.82	21.30
		MID	64QAM	20.54	20.52	20.71	21.30
		HIGH	64QAM	20.41	20.38	20.59	21.30
	100	LOW	64QAM	20.43	20.55	20.74	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.32	23.30	24.30
		MID	QPSK	23.45	23.33	23.53	24.30
		HIGH	QPSK	23.27	23.38	23.58	24.30
	36	LOW	QPSK	22.46	22.37	22.64	23.30
		MID	QPSK	22.47	22.45	22.74	23.30
		HIGH	QPSK	22.40	22.59	22.70	23.30
	75	LOW	QPSK	22.60	22.46	22.71	23.30
15	1	LOW	Q16	22.86	22.93	22.86	23.30
		MID	Q16	22.99	22.83	23.14	23.30
		HIGH	Q16	22.87	22.64	23.15	23.30
	36	LOW	Q16	21.39	21.44	21.53	22.30
		MID	Q16	21.56	21.46	21.60	22.30
		HIGH	Q16	21.38	21.56	21.57	22.30
	75	LOW	Q16	21.37	21.50	21.79	22.30
15	1	LOW	64QAM	21.89	21.94	21.86	22.30
		MID	64QAM	22.01	21.89	22.15	22.30
		HIGH	64QAM	21.99	21.77	22.04	22.30
	36	LOW	64QAM	20.30	20.40	20.63	21.30
		MID	64QAM	20.52	20.48	20.67	21.30
		HIGH	64QAM	20.43	20.33	20.55	21.30
	75	LOW	64QAM	20.37	20.49	20.56	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.35	23.41	23.42	24.30
		MID	QPSK	23.36	23.47	23.50	24.30
		HIGH	QPSK	23.38	23.41	**23.62**	24.30
	50	LOW	QPSK	22.39	22.41	22.65	23.30
		MID	QPSK	22.47	22.48	22.62	23.30
		HIGH	QPSK	22.51	22.49	**22.70**	23.30
	100	LOW	QPSK	22.45	22.46	22.67	23.30
20	1	LOW	Q16	23.01	22.79	22.86	23.30
		MID	Q16	22.99	22.86	22.99	23.30
		HIGH	Q16	23.01	22.78	23.08	23.30
	50	LOW	Q16	21.36	21.40	21.63	22.30
		MID	Q16	21.44	21.47	21.56	22.30
		HIGH	Q16	21.53	21.46	21.65	22.30
	100	LOW	Q16	21.46	21.42	21.64	22.30
20	1	LOW	64QAM	21.97	21.94	21.99	22.30
		MID	64QAM	22.01	21.79	22.05	22.30
		HIGH	64QAM	22.03	21.73	22.17	22.30
	50	LOW	64QAM	20.22	20.35	20.77	21.30
		MID	64QAM	20.50	20.39	20.62	21.30
		HIGH	64QAM	20.47	20.46	20.52	21.30
	100	LOW	64QAM	20.47	20.41	20.62	21.30

LTE B2-LEVEL 1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.31	23.41	23.36	23.80
		MID	QPSK	23.37	23.54	23.40	23.80
		HIGH	QPSK	23.32	23.30	23.55	23.80
	3	LOW	QPSK	23.43	23.49	23.55	24.30
		MID	QPSK	23.43	23.33	23.44	24.30
		HIGH	QPSK	23.37	23.30	23.66	24.30
	6	LOW	QPSK	22.47	22.47	22.61	23.30
1.4	1	LOW	Q16	22.89	22.67	22.78	23.30
		MID	Q16	23.14	22.89	23.00	23.30
		HIGH	Q16	22.92	22.91	23.12	23.30
	3	LOW	Q16	23.08	22.93	22.90	23.30
		MID	Q16	22.91	22.90	22.98	23.30
		HIGH	Q16	22.89	22.88	23.00	23.30
	6	LOW	Q16	21.40	21.54	21.79	22.30
1.4	1	LOW	64QAM	22.22	21.77	21.87	22.30
		MID	64QAM	22.02	21.78	21.85	22.30
		HIGH	64QAM	22.02	22.00	22.12	22.30
	3	LOW	64QAM	22.07	21.70	21.79	22.30
		MID	64QAM	22.17	21.67	21.82	22.30
		HIGH	64QAM	21.97	21.89	22.16	22.30
	6	LOW	64QAM	20.56	20.66	20.84	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.42	23.46	23.46	24.30
		MID	QPSK	23.21	23.49	23.54	24.30
		HIGH	QPSK	23.39	23.41	23.77	24.30
	8	LOW	QPSK	22.48	22.26	22.54	23.30
		MID	QPSK	22.49	22.43	22.50	23.30
		HIGH	QPSK	22.45	22.53	22.62	23.30
	15	LOW	QPSK	22.32	22.35	22.71	23.30
3	1	LOW	Q16	23.10	22.80	22.97	23.30
		MID	Q16	22.88	22.86	23.09	23.30
		HIGH	Q16	23.08	22.90	23.05	23.30
	8	LOW	Q16	21.40	21.46	21.48	22.30
		MID	Q16	21.38	21.44	21.67	22.30
		HIGH	Q16	21.51	21.43	21.56	22.30
	15	LOW	Q16	21.57	21.29	21.55	22.30
3	1	LOW	64QAM	22.19	21.65	21.98	22.30
		MID	64QAM	22.17	21.77	21.82	22.30
		HIGH	64QAM	21.84	21.86	22.06	22.30
	8	LOW	64QAM	20.42	20.24	20.57	21.30
		MID	64QAM	20.34	20.56	20.52	21.30
		HIGH	64QAM	20.54	20.60	20.67	21.30
	15	LOW	64QAM	20.55	20.56	20.85	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.37	23.44	23.57	24.30
		MID	QPSK	23.35	23.50	23.57	24.30
		HIGH	QPSK	23.24	23.48	23.66	24.30
	36	LOW	QPSK	22.25	22.52	22.77	23.30
		MID	QPSK	22.55	22.53	22.53	23.30
		HIGH	QPSK	22.60	22.46	22.83	23.30
	75	LOW	QPSK	22.58	22.42	22.59	23.30
5	1	LOW	Q16	23.13	22.69	22.80	23.30
		MID	Q16	23.14	22.85	22.92	23.30
		HIGH	Q16	23.16	22.71	23.02	23.30
	36	LOW	Q16	21.37	21.44	21.56	22.30
		MID	Q16	21.50	21.48	21.60	22.30
		HIGH	Q16	21.63	21.57	21.53	22.30
	75	LOW	Q16	21.44	21.44	21.62	22.30
5	1	LOW	64QAM	22.19	21.58	21.82	22.30
		MID	64QAM	21.95	21.77	22.04	22.30
		HIGH	64QAM	21.96	21.88	22.21	22.30
	36	LOW	64QAM	20.40	20.22	20.69	21.30
		MID	64QAM	20.53	20.42	20.54	21.30
		HIGH	64QAM	20.60	20.52	20.87	21.30
	75	LOW	64QAM	20.35	20.55	20.80	21.30

LTE B2-LEVEL 1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.29	23.53	23.46	24.30
		MID	QPSK	23.33	23.45	23.52	24.30
		HIGH	QPSK	23.51	23.56	23.55	24.30
	50	LOW	QPSK	22.54	22.44	22.50	23.30
		MID	QPSK	22.34	22.53	22.62	23.30
		HIGH	QPSK	22.44	22.47	22.55	23.30
	100	LOW	QPSK	22.31	22.31	22.54	23.30
10	1	LOW	Q16	23.06	22.66	22.85	23.30
		MID	Q16	23.03	22.97	23.08	23.30
		HIGH	Q16	23.15	22.91	23.17	23.30
	50	LOW	Q16	21.29	21.55	21.70	22.30
		MID	Q16	21.29	21.49	21.63	22.30
		HIGH	Q16	21.40	21.55	21.71	22.30
	100	LOW	Q16	21.59	21.57	21.68	22.30
10	1	LOW	64QAM	22.18	21.57	21.93	22.30
		MID	64QAM	21.93	21.93	21.95	22.30
		HIGH	64QAM	21.80	22.08	21.92	22.30
	50	LOW	64QAM	20.27	20.17	20.51	21.30
		MID	64QAM	20.56	20.55	20.71	21.30
		HIGH	64QAM	20.64	20.54	20.76	21.30
	100	LOW	64QAM	20.46	20.56	20.68	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.43	23.31	23.36	24.30
		MID	QPSK	23.38	23.55	23.48	24.30
		HIGH	QPSK	23.24	23.39	23.65	24.30
	36	LOW	QPSK	22.28	22.48	22.76	23.30
		MID	QPSK	22.57	22.40	22.72	23.30
		HIGH	QPSK	22.40	22.48	22.60	23.30
	75	LOW	QPSK	22.40	22.33	22.66	23.30
15	1	LOW	Q16	23.08	22.94	22.91	23.30
		MID	Q16	22.92	22.83	23.00	23.30
		HIGH	Q16	22.97	22.71	23.12	23.30
	36	LOW	Q16	21.30	21.54	21.76	22.30
		MID	Q16	21.45	21.50	21.55	22.30
		HIGH	Q16	21.45	21.52	21.73	22.30
	75	LOW	Q16	21.54	21.53	21.58	22.30
15	1	LOW	64QAM	22.04	21.77	21.90	22.30
		MID	64QAM	22.20	21.92	21.78	22.30
		HIGH	64QAM	22.08	21.89	22.19	22.30
	36	LOW	64QAM	20.43	20.12	20.44	21.30
		MID	64QAM	20.50	20.56	20.50	21.30
		HIGH	64QAM	20.50	20.62	20.74	21.30
	75	LOW	64QAM	20.34	20.58	20.80	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.35	23.41	23.42	24.30
		MID	QPSK	23.36	23.47	23.50	24.30
		HIGH	QPSK	23.38	23.41	**23.62**	24.30
	50	LOW	QPSK	22.39	22.41	22.65	23.30
		MID	QPSK	22.47	22.48	22.62	23.30
		HIGH	QPSK	22.51	22.49	**22.70**	23.30
	100	LOW	QPSK	22.45	22.46	22.67	23.30
20	1	LOW	Q16	23.01	22.79	22.86	23.30
		MID	Q16	22.99	22.86	22.99	23.30
		HIGH	Q16	23.01	22.78	23.08	23.30
	50	LOW	Q16	21.36	21.40	21.63	22.30
		MID	Q16	21.44	21.47	21.56	22.30
		HIGH	Q16	21.53	21.46	21.65	22.30
	100	LOW	Q16	21.46	21.42	21.64	22.30
20	1	LOW	64QAM	22.12	21.72	21.85	22.30
		MID	64QAM	22.06	21.82	21.89	22.30
		HIGH	64QAM	21.94	21.93	22.07	22.30
	50	LOW	64QAM	20.29	20.25	20.56	21.30
		MID	64QAM	20.46	20.56	20.56	21.30
		HIGH	64QAM	20.54	20.55	20.73	21.30
	100	LOW	64QAM	20.44	20.55	20.73	21.30

LTE B2-LEVEL 2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.21	23.48	23.28	24.30
		MID	QPSK	23.26	23.34	23.42	24.30
		HIGH	QPSK	23.50	23.43	23.69	24.30
	3	LOW	QPSK	23.41	23.47	23.34	24.30
		MID	QPSK	23.45	23.35	23.48	24.30
		HIGH	QPSK	23.51	23.56	23.61	24.30
	6	LOW	QPSK	22.48	22.59	22.57	23.30
1.4	1	LOW	Q16	23.06	22.72	22.96	23.30
		MID	Q16	22.92	22.97	22.95	23.30
		HIGH	Q16	23.07	22.75	23.21	23.30
	3	LOW	Q16	23.13	22.79	22.73	23.30
		MID	Q16	22.99	22.87	22.93	23.30
		HIGH	Q16	23.09	22.71	23.05	23.30
	6	LOW	Q16	21.47	21.51	21.55	22.30
1.4	1	LOW	64QAM	22.12	21.65	21.78	22.30
		MID	64QAM	21.85	21.97	22.00	22.30
		HIGH	64QAM	21.92	21.86	21.90	22.30
	3	LOW	64QAM	22.03	21.66	21.72	22.30
		MID	64QAM	21.87	21.88	22.18	22.30
		HIGH	64QAM	22.03	21.87	21.95	22.30
	6	LOW	64QAM	20.53	20.36	20.74	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.42	23.32	23.28	24.30
		MID	QPSK	23.24	23.60	23.41	24.30
		HIGH	QPSK	23.32	23.42	23.50	24.30
	8	LOW	QPSK	22.53	22.26	22.72	23.30
		MID	QPSK	22.42	22.60	22.71	23.30
		HIGH	QPSK	22.64	22.56	22.71	23.30
	15	LOW	QPSK	22.31	22.46	22.72	23.30
3	1	LOW	Q16	23.16	22.82	22.79	23.30
		MID	Q16	23.13	22.80	22.89	23.30
		HIGH	Q16	22.93	22.81	22.95	23.30
	8	LOW	Q16	21.29	21.43	21.57	22.30
		MID	Q16	21.37	21.39	21.55	22.30
		HIGH	Q16	21.60	21.35	21.68	22.30
	15	LOW	Q16	21.51	21.49	21.53	22.30
3	1	LOW	64QAM	22.08	21.78	21.82	22.30
		MID	64QAM	21.89	21.80	22.10	22.30
		HIGH	64QAM	21.80	21.88	21.95	22.30
	8	LOW	64QAM	20.34	20.36	20.40	21.30
		MID	64QAM	20.29	20.58	20.47	21.30
		HIGH	64QAM	20.52	20.52	20.74	21.30
	15	LOW	64QAM	20.42	20.21	20.60	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.26	23.30	23.53	24.30
		MID	QPSK	23.42	23.56	23.59	24.30
		HIGH	QPSK	23.40	23.52	23.63	24.30
	36	LOW	QPSK	22.24	22.44	22.75	23.30
		MID	QPSK	22.41	22.52	22.77	23.30
		HIGH	QPSK	22.40	22.37	22.66	23.30
	75	LOW	QPSK	22.55	22.31	22.54	23.30
5	1	LOW	Q16	23.14	22.86	22.85	23.30
		MID	Q16	22.86	22.96	23.06	23.30
		HIGH	Q16	23.10	22.86	23.01	23.30
	36	LOW	Q16	21.43	21.31	21.67	22.30
		MID	Q16	21.31	21.50	21.56	22.30
		HIGH	Q16	21.63	21.54	21.61	22.30
	75	LOW	Q16	21.58	21.54	21.64	22.30
5	1	LOW	64QAM	22.25	21.90	21.75	22.30
		MID	64QAM	22.01	21.82	22.13	22.30
		HIGH	64QAM	21.93	21.89	22.01	22.30
	36	LOW	64QAM	20.58	20.38	20.36	21.30
		MID	64QAM	20.32	20.66	20.55	21.30
		HIGH	64QAM	20.77	20.51	20.66	21.30
	75	LOW	64QAM	20.58	20.38	20.54	21.30

LTE B2-LEVEL 2&3&4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.30	23.42	24.30
		MID	QPSK	23.32	23.41	23.54	24.30
		HIGH	QPSK	23.53	23.27	23.66	24.30
	50	LOW	QPSK	22.24	22.43	22.59	23.30
		MID	QPSK	22.36	22.56	22.53	23.30
		HIGH	QPSK	22.61	22.58	22.61	23.30
	100	LOW	QPSK	22.56	22.37	22.64	23.30
10	1	LOW	Q16	23.03	22.90	23.01	23.30
		MID	Q16	22.84	23.01	23.02	23.30
		HIGH	Q16	23.11	22.90	22.94	23.30
	50	LOW	Q16	21.35	21.48	21.62	22.30
		MID	Q16	21.47	21.33	21.53	22.30
		HIGH	Q16	21.68	21.60	21.55	22.30
	100	LOW	Q16	21.43	21.51	21.61	22.30
10	1	LOW	64QAM	22.16	21.90	21.79	22.30
		MID	64QAM	21.74	21.88	22.12	22.30
		HIGH	64QAM	21.74	21.85	22.09	22.30
	50	LOW	64QAM	20.40	20.45	20.46	21.30
		MID	64QAM	20.21	20.63	20.53	21.30
		HIGH	64QAM	20.75	20.56	20.52	21.30
	100	LOW	64QAM	20.48	20.16	20.63	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.20	23.47	23.57	24.30
		MID	QPSK	23.35	23.39	23.60	24.30
		HIGH	QPSK	23.43	23.41	23.68	24.30
	36	LOW	QPSK	22.46	22.54	22.54	23.30
		MID	QPSK	22.56	22.53	22.71	23.30
		HIGH	QPSK	22.37	22.55	22.73	23.30
	75	LOW	QPSK	22.49	22.43	22.80	23.30
15	1	LOW	Q16	23.04	22.85	22.95	23.30
		MID	Q16	22.90	22.96	23.00	23.30
		HIGH	Q16	22.89	22.73	23.17	23.30
	36	LOW	Q16	21.24	21.25	21.75	22.30
		MID	Q16	21.32	21.62	21.48	22.30
		HIGH	Q16	21.66	21.33	21.74	22.30
	75	LOW	Q16	21.58	21.57	21.57	22.30
15	1	LOW	64QAM	22.01	21.78	21.68	22.30
		MID	64QAM	21.82	21.95	21.98	22.30
		HIGH	64QAM	21.95	22.06	21.98	22.30
	36	LOW	64QAM	20.38	20.33	20.49	21.30
		MID	64QAM	20.16	20.43	20.37	21.30
		HIGH	64QAM	20.73	20.58	20.65	21.30
	75	LOW	64QAM	20.31	20.35	20.57	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.35	23.41	23.42	24.30
		MID	QPSK	23.36	23.47	23.50	24.30
		HIGH	QPSK	23.38	23.41	**23.62**	24.30
	50	LOW	QPSK	22.39	22.41	22.65	23.30
		MID	QPSK	22.47	22.48	22.62	23.30
		HIGH	QPSK	22.51	22.49	**22.70**	23.30
	100	LOW	QPSK	22.45	22.46	22.67	23.30
20	1	LOW	Q16	23.01	22.79	22.86	23.30
		MID	Q16	22.99	22.86	22.99	23.30
		HIGH	Q16	23.01	22.78	23.08	23.30
	50	LOW	Q16	21.36	21.40	21.63	22.30
		MID	Q16	21.44	21.47	21.56	22.30
		HIGH	Q16	21.53	21.46	21.65	22.30
	100	LOW	Q16	21.46	21.42	21.64	22.30
20	1	LOW	64QAM	22.16	21.78	21.81	22.30
		MID	64QAM	21.89	21.95	22.04	22.30
		HIGH	64QAM	21.89	21.93	21.94	22.30
	50	LOW	64QAM	20.48	20.35	20.50	21.30
		MID	64QAM	20.30	20.52	20.51	21.30
		HIGH	64QAM	20.64	20.51	20.60	21.30
	100	LOW	64QAM	20.45	20.27	20.59	21.30

LTE B2-LEVEL 4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.39	20.26	20.32	21.30
		MID	QPSK	20.35	20.40	20.22	21.30
		HIGH	QPSK	20.43	20.21	20.50	21.30
	3	LOW	QPSK	20.28	20.50	20.34	21.30
		MID	QPSK	20.14	20.41	20.17	21.30
		HIGH	QPSK	20.31	20.26	20.57	21.30
	6	LOW	QPSK	20.16	20.39	20.64	21.30
1.4	1	LOW	Q16	20.81	20.90	20.73	21.30
		MID	Q16	20.73	20.59	20.87	21.30
		HIGH	Q16	20.82	20.78	20.62	21.30
	3	LOW	Q16	20.79	20.90	20.75	21.30
		MID	Q16	20.78	20.86	20.79	21.30
		HIGH	Q16	20.68	20.64	20.70	21.30
	6	LOW	Q16	20.42	20.46	20.39	21.30
1.4	1	LOW	64QAM	20.87	20.64	20.65	21.30
		MID	64QAM	20.75	20.89	20.86	21.30
		HIGH	64QAM	20.65	20.77	20.63	21.30
	3	LOW	64QAM	20.71	20.80	20.85	21.30
		MID	64QAM	20.62	20.80	20.67	21.30
		HIGH	64QAM	20.83	20.64	20.84	21.30
	6	LOW	64QAM	20.42	20.07	20.55	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.37	20.40	20.35	21.30
		MID	QPSK	20.22	20.25	20.33	21.30
		HIGH	QPSK	20.22	20.30	20.53	21.30
	8	LOW	QPSK	20.22	20.42	20.66	21.30
		MID	QPSK	20.25	20.20	20.33	21.30
		HIGH	QPSK	20.35	20.28	20.64	21.30
	15	LOW	QPSK	20.30	20.20	20.67	21.30
3	1	LOW	Q16	20.77	20.71	20.68	21.30
		MID	Q16	20.72	20.57	20.85	21.30
		HIGH	Q16	20.82	20.70	20.73	21.30
	8	LOW	Q16	20.38	20.33	20.43	21.30
		MID	Q16	20.37	20.34	20.26	21.30
		HIGH	Q16	20.38	20.36	20.48	21.30
	15	LOW	Q16	20.22	20.17	20.38	21.30
3	1	LOW	64QAM	20.74	20.77	20.68	21.30
		MID	64QAM	20.62	20.82	20.57	21.30
		HIGH	64QAM	20.76	20.87	20.76	21.30
	8	LOW	64QAM	20.19	20.61	20.67	21.30
		MID	64QAM	20.40	20.38	20.44	21.30
		HIGH	64QAM	20.40	20.31	20.45	21.30
	15	LOW	64QAM	20.34	20.15	20.45	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.27	20.22	20.14	21.30
		MID	QPSK	20.33	20.39	20.18	21.30
		HIGH	QPSK	20.31	20.20	20.36	21.30
	36	LOW	QPSK	20.24	20.43	20.38	21.30
		MID	QPSK	20.30	20.35	20.37	21.30
		HIGH	QPSK	20.29	20.45	20.62	21.30
	75	LOW	QPSK	20.22	20.28	20.38	21.30
5	1	LOW	Q16	20.87	20.62	20.65	21.30
		MID	Q16	20.86	20.60	20.62	21.30
		HIGH	Q16	20.62	20.68	20.77	21.30
	36	LOW	Q16	20.19	20.30	20.37	21.30
		MID	Q16	20.50	20.18	20.35	21.30
		HIGH	Q16	20.35	20.27	20.44	21.30
	75	LOW	Q16	20.49	20.26	20.44	21.30
5	1	LOW	64QAM	20.66	20.71	20.73	21.30
		MID	64QAM	20.67	20.68	20.74	21.30
		HIGH	64QAM	20.73	20.77	20.84	21.30
	36	LOW	64QAM	20.39	20.51	20.72	21.30
		MID	64QAM	20.16	20.37	20.31	21.30
		HIGH	64QAM	20.23	20.16	20.41	21.30
	75	LOW	64QAM	20.48	20.36	20.35	21.30

LTE B2-LEVEL 5 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.13	20.31	20.23	21.30
		MID	QPSK	20.16	20.31	20.23	21.30
		HIGH	QPSK	20.27	20.46	20.54	21.30
	50	LOW	QPSK	20.14	20.18	20.50	21.30
		MID	QPSK	20.42	20.20	20.31	21.30
		HIGH	QPSK	20.44	20.21	20.62	21.30
	100	LOW	QPSK	20.29	20.17	20.43	21.30
10	1	LOW	Q16	20.85	20.89	20.79	21.30
		MID	Q16	20.69	20.64	20.90	21.30
		HIGH	Q16	20.64	20.61	20.61	21.30
	50	LOW	Q16	20.26	20.42	20.37	21.30
		MID	Q16	20.33	20.42	20.37	21.30
		HIGH	Q16	20.33	20.35	20.62	21.30
	100	LOW	Q16	20.24	20.25	20.57	21.30
10	1	LOW	64QAM	20.70	20.73	20.84	21.30
		MID	64QAM	20.85	20.81	20.72	21.30
		HIGH	64QAM	20.74	20.75	20.82	21.30
	50	LOW	64QAM	20.30	20.67	20.68	21.30
		MID	64QAM	20.41	20.55	20.26	21.30
		HIGH	64QAM	20.41	20.31	20.37	21.30
	100	LOW	64QAM	20.48	20.34	20.43	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.37	20.47	20.30	21.30
		MID	QPSK	20.18	20.39	20.38	21.30
		HIGH	QPSK	20.46	20.31	20.45	21.30
	36	LOW	QPSK	20.34	20.22	20.43	21.30
		MID	QPSK	20.23	20.42	20.28	21.30
		HIGH	QPSK	20.48	20.20	20.42	21.30
	75	LOW	QPSK	20.14	20.34	20.50	21.30
15	1	LOW	Q16	20.88	20.83	20.70	21.30
		MID	Q16	20.89	20.77	20.61	21.30
		HIGH	Q16	20.78	20.69	20.79	21.30
	36	LOW	Q16	20.37	20.51	20.41	21.30
		MID	Q16	20.33	20.39	20.52	21.30
		HIGH	Q16	20.55	20.35	20.61	21.30
	75	LOW	Q16	20.46	20.30	20.49	21.30
15	1	LOW	64QAM	20.74	20.71	20.66	21.30
		MID	64QAM	20.76	20.86	20.74	21.30
		HIGH	64QAM	20.79	20.60	20.75	21.30
	36	LOW	64QAM	20.27	20.57	20.63	21.30
		MID	64QAM	20.19	20.46	20.47	21.30
		HIGH	64QAM	20.44	20.27	20.53	21.30
	75	LOW	64QAM	20.57	20.21	20.44	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.24	**20.49**	20.27	21.30
		MID	QPSK	20.21	20.28	20.28	21.30
		HIGH	QPSK	20.32	20.32	20.45	21.30
	50	LOW	QPSK	20.27	20.32	20.41	21.30
		MID	QPSK	20.30	20.29	20.40	21.30
		HIGH	QPSK	20.38	**20.43**	20.41	21.30
	100	LOW	QPSK	20.27	20.30	20.42	21.30
20	1	LOW	Q16	20.63	20.83	20.78	21.30
		MID	Q16	20.90	20.71	20.78	21.30
		HIGH	Q16	20.70	20.74	20.67	21.30
	50	LOW	Q16	20.32	20.40	20.52	21.30
		MID	Q16	20.38	20.33	20.39	21.30
		HIGH	Q16	20.43	20.39	20.52	21.30
	100	LOW	Q16	20.37	20.32	20.51	21.30
20	1	LOW	64QAM	20.82	20.76	20.83	21.30
		MID	64QAM	20.77	20.83	20.71	21.30
		HIGH	64QAM	20.77	20.72	20.64	21.30
	50	LOW	64QAM	20.31	20.54	20.57	21.30
		MID	64QAM	20.31	20.47	20.35	21.30
		HIGH	64QAM	20.31	20.31	20.51	21.30
	100	LOW	64QAM	20.49	20.21	20.44	21.30

LTE B2-LEVEL 5&6 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.45	18.59	18.62	19.30
		MID	QPSK	18.60	18.68	18.49	19.30
		HIGH	QPSK	18.65	18.50	18.82	19.30
	3	LOW	QPSK	18.63	18.65	18.54	19.30
		MID	QPSK	18.45	18.46	18.52	19.30
		HIGH	QPSK	18.73	18.66	18.66	19.30
	6	LOW	QPSK	18.60	18.44	18.55	19.30
1.4	1	LOW	Q16	19.07	19.01	18.81	19.30
		MID	Q16	18.83	18.83	18.93	19.30
		HIGH	Q16	18.92	19.03	18.83	19.30
	3	LOW	Q16	19.04	19.00	18.77	19.30
		MID	Q16	18.92	18.91	18.91	19.30
		HIGH	Q16	19.02	18.97	18.89	19.30
	6	LOW	Q16	18.54	18.57	18.60	19.30
1.4	1	LOW	64QAM	18.93	18.97	18.64	19.30
		MID	64QAM	19.04	18.92	18.92	19.30
		HIGH	64QAM	19.03	18.82	18.83	19.30
	3	LOW	64QAM	18.90	18.93	18.76	19.30
		MID	64QAM	18.93	18.88	18.85	19.30
		HIGH	64QAM	18.90	19.07	18.85	19.30
	6	LOW	64QAM	18.60	18.41	18.81	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.47	18.60	18.62	19.30
		MID	QPSK	18.51	18.49	18.65	19.30
		HIGH	QPSK	18.50	18.66	18.83	19.30
	8	LOW	QPSK	18.55	18.71	18.62	19.30
		MID	QPSK	18.64	18.53	18.72	19.30
		HIGH	QPSK	18.59	18.73	18.82	19.30
	15	LOW	QPSK	18.62	18.68	18.54	19.30
3	1	LOW	Q16	18.82	18.96	18.86	19.30
		MID	Q16	19.07	19.09	18.86	19.30
		HIGH	Q16	18.85	18.88	19.00	19.30
	8	LOW	Q16	18.45	18.43	18.64	19.30
		MID	Q16	18.65	18.66	18.51	19.30
		HIGH	Q16	18.79	18.54	18.69	19.30
	15	LOW	Q16	18.61	18.62	18.73	19.30
3	1	LOW	64QAM	18.92	18.90	18.87	19.30
		MID	64QAM	18.92	18.82	18.95	19.30
		HIGH	64QAM	19.00	18.83	19.02	19.30
	8	LOW	64QAM	18.56	18.47	18.93	19.30
		MID	64QAM	18.64	18.66	18.67	19.30
		HIGH	64QAM	18.58	18.77	18.78	19.30
	15	LOW	64QAM	18.40	18.59	18.65	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.66	18.65	18.53	19.30
		MID	QPSK	18.65	18.42	18.65	19.30
		HIGH	QPSK	18.64	18.47	18.60	19.30
	36	LOW	QPSK	18.47	18.65	18.72	19.30
		MID	QPSK	18.72	18.52	18.75	19.30
		HIGH	QPSK	18.77	18.75	18.88	19.30
	75	LOW	QPSK	18.49	18.62	18.60	19.30
5	1	LOW	Q16	18.96	18.97	18.81	19.30
		MID	Q16	18.83	18.92	18.81	19.30
		HIGH	Q16	18.97	18.93	18.83	19.30
	36	LOW	Q16	18.71	18.71	18.60	19.30
		MID	Q16	18.52	18.69	18.70	19.30
		HIGH	Q16	18.54	18.68	18.78	19.30
	75	LOW	Q16	18.66	18.53	18.65	19.30
5	1	LOW	64QAM	19.00	19.00	18.88	19.30
		MID	64QAM	18.96	18.96	18.88	19.30
		HIGH	64QAM	18.97	18.96	19.07	19.30
	36	LOW	64QAM	18.61	18.50	18.73	19.30
		MID	64QAM	18.71	18.57	18.49	19.30
		HIGH	64QAM	18.71	18.61	18.66	19.30
	75	LOW	64QAM	18.44	18.53	18.64	19.30

LTE B2-LEVEL 6&7&8 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.65	18.61	18.51	19.30
		MID	QPSK	18.62	18.52	18.69	19.30
		HIGH	QPSK	18.66	18.46	18.66	19.30
	50	LOW	QPSK	18.70	18.47	18.60	19.30
		MID	QPSK	18.79	18.55	18.57	19.30
		HIGH	QPSK	18.77	18.61	18.87	19.30
	100	LOW	QPSK	18.55	18.44	18.77	19.30
10	1	LOW	Q16	19.06	18.96	19.00	19.30
		MID	Q16	19.09	18.96	18.87	19.30
		HIGH	Q16	18.92	18.94	18.90	19.30
	50	LOW	Q16	18.68	18.49	18.58	19.30
		MID	Q16	18.68	18.49	18.79	19.30
		HIGH	Q16	18.73	18.67	18.80	19.30
	100	LOW	Q16	18.55	18.65	18.59	19.30
10	1	LOW	64QAM	18.94	18.96	18.87	19.30
		MID	64QAM	18.89	18.97	18.81	19.30
		HIGH	64QAM	18.92	19.02	18.93	19.30
	50	LOW	64QAM	18.49	18.42	18.70	19.30
		MID	64QAM	18.66	18.51	18.68	19.30
		HIGH	64QAM	18.83	18.60	18.61	19.30
	100	LOW	64QAM	18.43	18.40	18.76	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.66	18.62	18.47	19.30
		MID	QPSK	18.68	18.67	18.60	19.30
		HIGH	QPSK	18.66	18.52	18.80	19.30
	36	LOW	QPSK	18.53	18.65	18.60	19.30
		MID	QPSK	18.66	18.42	18.68	19.30
		HIGH	QPSK	18.62	18.49	18.75	19.30
	75	LOW	QPSK	18.70	18.42	18.60	19.30
15	1	LOW	Q16	18.96	19.05	18.92	19.30
		MID	Q16	19.10	18.94	19.02	19.30
		HIGH	Q16	18.98	18.98	18.91	19.30
	36	LOW	Q16	18.65	18.56	18.68	19.30
		MID	Q16	18.56	18.50	18.75	19.30
		HIGH	Q16	18.69	18.49	18.76	19.30
	75	LOW	Q16	18.73	18.41	18.61	19.30
15	1	LOW	64QAM	18.95	18.88	18.82	19.30
		MID	64QAM	18.86	19.07	18.78	19.30
		HIGH	64QAM	18.85	18.87	18.95	19.30
	36	LOW	64QAM	18.34	18.57	18.88	19.30
		MID	64QAM	18.90	18.44	18.69	19.30
		HIGH	64QAM	18.75	18.53	18.71	19.30
	75	LOW	64QAM	18.39	18.62	18.83	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.54	**18.73**	18.55	19.30
		MID	QPSK	18.55	18.57	18.57	19.30
		HIGH	QPSK	18.58	18.59	18.71	19.30
	50	LOW	QPSK	18.56	18.56	18.67	19.30
		MID	QPSK	18.64	18.55	18.66	19.30
		HIGH	QPSK	18.64	**18.69**	18.68	19.30
	100	LOW	QPSK	18.62	18.55	18.68	19.30
20	1	LOW	Q16	18.81	19.09	18.91	19.30
		MID	Q16	18.84	19.03	19.01	19.30
		HIGH	Q16	18.84	19.03	18.87	19.30
	50	LOW	Q16	18.56	18.57	18.72	19.30
		MID	Q16	18.64	18.60	18.64	19.30
		HIGH	Q16	18.67	18.63	18.72	19.30
	100	LOW	Q16	18.63	18.56	18.73	19.30
20	1	LOW	64QAM	18.92	18.96	18.78	19.30
		MID	64QAM	19.05	18.81	18.92	19.30
		HIGH	64QAM	19.02	19.05	18.81	19.30
	50	LOW	64QAM	18.46	18.45	18.82	19.30
		MID	64QAM	18.76	18.54	18.55	19.30
		HIGH	64QAM	18.72	18.63	18.73	19.30
	100	LOW	64QAM	18.52	18.48	18.79	19.30

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.99	23.02	23.08	23.80
		MID	QPSK	23.25	23.08	23.41	23.80
		HIGH	QPSK	23.15	22.98	23.19	23.80
	3	LOW	QPSK	23.09	23.10	22.95	23.80
		MID	QPSK	23.07	23.05	23.27	23.80
		HIGH	QPSK	23.10	23.12	23.27	23.80
	6	LOW	QPSK	22.20	22.34	22.12	22.80
1.4	1	LOW	Q16	22.46	22.57	22.53	22.80
		MID	Q16	22.56	22.80	22.63	22.80
		HIGH	Q16	22.70	22.72	22.40	22.80
	3	LOW	Q16	22.66	22.44	22.27	22.80
		MID	Q16	22.63	22.65	22.77	22.80
		HIGH	Q16	22.59	22.69	22.44	22.80
	6	LOW	Q16	21.25	21.12	21.34	21.80
1.4	1	LOW	64QAM	21.27	21.59	21.46	21.80
		MID	64QAM	21.41	21.69	21.60	21.80
		HIGH	64QAM	21.47	21.77	21.70	21.80
	3	LOW	64QAM	21.52	21.42	21.46	21.80
		MID	64QAM	21.59	21.73	21.67	21.80
		HIGH	64QAM	21.54	21.75	21.70	21.80
	6	LOW	64QAM	20.33	20.08	20.19	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.19	23.15	23.19	23.80
		MID	QPSK	23.16	23.08	23.33	23.80
		HIGH	QPSK	23.04	23.22	23.20	23.80
	8	LOW	QPSK	22.28	22.17	22.16	22.80
		MID	QPSK	22.17	22.27	22.16	22.80
		HIGH	QPSK	22.37	22.43	22.18	22.80
	15	LOW	QPSK	22.08	22.11	22.17	22.80
3	1	LOW	Q16	22.61	22.57	22.38	22.80
		MID	Q16	22.68	22.75	22.73	22.80
		HIGH	Q16	22.61	22.66	22.63	22.80
	8	LOW	Q16	21.18	21.26	21.34	21.80
		MID	Q16	21.30	21.09	21.21	21.80
		HIGH	Q16	21.16	21.19	21.16	21.80
	15	LOW	Q16	21.16	21.35	21.19	21.80
3	1	LOW	64QAM	21.27	21.53	21.69	21.80
		MID	64QAM	21.52	21.63	21.53	21.80
		HIGH	64QAM	21.48	21.58	21.80	21.80
	8	LOW	64QAM	20.29	20.08	19.93	20.80
		MID	64QAM	20.09	20.16	20.24	20.80
		HIGH	64QAM	20.20	20.38	20.21	20.80
	15	LOW	64QAM	20.30	20.32	20.07	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	22.88	23.20	23.80
		MID	QPSK	23.20	23.26	23.29	23.80
		HIGH	QPSK	23.29	23.06	23.17	23.80
	36	LOW	QPSK	22.11	21.98	22.35	22.80
		MID	QPSK	22.04	22.31	22.15	22.80
		HIGH	QPSK	22.36	22.35	22.35	22.80
	75	LOW	QPSK	22.28	22.06	22.28	22.80
5	1	LOW	Q16	22.65	22.40	22.47	22.80
		MID	Q16	22.44	22.75	22.77	22.80
		HIGH	Q16	22.67	22.74	22.50	22.80
	36	LOW	Q16	21.21	21.33	21.04	21.80
		MID	Q16	21.28	21.15	21.39	21.80
		HIGH	Q16	21.24	21.34	21.28	21.80
	75	LOW	Q16	21.23	21.12	21.16	21.80
5	1	LOW	64QAM	21.32	21.47	21.61	21.80
		MID	64QAM	21.54	21.76	21.61	21.80
		HIGH	64QAM	21.44	21.64	21.76	21.80
	36	LOW	64QAM	20.10	20.06	20.10	20.80
		MID	64QAM	20.11	20.16	20.27	20.80
		HIGH	64QAM	20.07	20.14	20.24	20.80
	75	LOW	64QAM	20.20	20.35	20.14	20.80

LTE B4-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.96	22.88	22.97	23.80
		MID	QPSK	23.11	23.28	23.27	23.80
		HIGH	QPSK	23.10	23.25	23.06	23.80
	50	LOW	QPSK	22.30	22.24	22.35	22.80
		MID	QPSK	22.30	22.23	22.31	22.80
		HIGH	QPSK	22.19	22.21	22.21	22.80
	100	LOW	QPSK	22.17	22.13	22.14	22.80
10	1	LOW	Q16	22.58	22.57	22.54	22.80
		MID	Q16	22.71	22.74	22.76	22.80
		HIGH	Q16	22.42	22.73	22.59	22.80
	50	LOW	Q16	21.22	21.26	21.17	21.80
		MID	Q16	21.29	21.16	21.11	21.80
		HIGH	Q16	21.06	21.34	21.22	21.80
	100	LOW	Q16	21.16	21.13	21.27	21.80
10	1	LOW	64QAM	21.51	21.60	21.69	21.80
		MID	64QAM	21.57	21.76	21.77	21.80
		HIGH	64QAM	21.46	21.61	21.79	21.80
	50	LOW	64QAM	20.21	20.00	20.18	20.80
		MID	64QAM	20.07	20.25	20.43	20.80
		HIGH	64QAM	19.96	20.26	20.43	20.80
	100	LOW	64QAM	20.46	20.19	20.23	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.04	23.01	22.94	23.80
		MID	QPSK	23.03	23.30	23.39	23.80
		HIGH	QPSK	23.08	23.10	23.29	23.80
	36	LOW	QPSK	22.12	22.04	22.06	22.80
		MID	QPSK	22.25	22.38	22.30	22.80
		HIGH	QPSK	22.22	22.18	22.25	22.80
	75	LOW	QPSK	22.13	22.34	22.29	22.80
15	1	LOW	Q16	22.57	22.68	22.50	22.80
		MID	Q16	22.55	22.64	22.51	22.80
		HIGH	Q16	22.50	22.70	22.41	22.80
	36	LOW	Q16	21.18	21.13	21.08	21.80
		MID	Q16	21.17	21.30	21.24	21.80
		HIGH	Q16	21.17	21.42	21.12	21.80
	75	LOW	Q16	21.37	21.18	21.22	21.80
15	1	LOW	64QAM	21.48	21.51	21.54	21.80
		MID	64QAM	21.58	21.57	21.77	21.80
		HIGH	64QAM	21.43	21.59	21.80	21.80
	36	LOW	64QAM	20.09	19.99	20.18	20.80
		MID	64QAM	20.20	20.45	20.23	20.80
		HIGH	64QAM	20.06	20.31	20.44	20.80
	75	LOW	64QAM	20.33	20.21	20.02	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.08	23.00	23.07	23.80
		MID	QPSK	23.14	23.19	**23.28**	23.80
		HIGH	QPSK	23.15	23.13	23.19	23.80
	50	LOW	QPSK	22.15	22.12	22.21	22.80
		MID	QPSK	22.19	22.24	22.25	22.80
		HIGH	QPSK	22.26	**22.28**	22.22	22.80
	100	LOW	QPSK	22.20	22.19	22.23	22.80
20	1	LOW	Q16	22.57	22.55	22.42	22.80
		MID	Q16	22.58	22.76	22.64	22.80
		HIGH	Q16	22.57	22.70	22.55	22.80
	50	LOW	Q16	21.09	21.19	21.19	21.80
		MID	Q16	21.21	21.21	21.26	21.80
		HIGH	Q16	21.18	21.27	21.22	21.80
	100	LOW	Q16	21.23	21.21	21.24	21.80
20	1	LOW	64QAM	21.42	21.46	21.57	21.80
		MID	64QAM	21.49	21.69	21.67	21.80
		HIGH	64QAM	21.57	21.70	21.66	21.80
	50	LOW	64QAM	20.17	20.04	20.05	20.80
		MID	64QAM	20.16	20.30	20.30	20.80
		HIGH	64QAM	20.07	20.27	20.30	20.80
	100	LOW	64QAM	20.34	20.21	20.12	20.80

LTE B4-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.14	17.27	17.41	17.80
		MID	QPSK	17.22	17.44	17.28	17.80
		HIGH	QPSK	17.45	17.21	17.35	17.80
	3	LOW	QPSK	17.16	17.12	17.24	17.80
		MID	QPSK	17.21	17.42	17.44	17.80
		HIGH	QPSK	17.41	17.23	17.36	17.80
	6	LOW	QPSK	17.36	17.27	17.46	17.80
1.4	1	LOW	Q16	17.53	17.76	17.69	17.80
		MID	Q16	17.69	17.67	17.56	17.80
		HIGH	Q16	17.72	17.78	17.67	17.80
	3	LOW	Q16	17.69	17.65	17.47	17.80
		MID	Q16	17.46	17.74	17.47	17.80
		HIGH	Q16	17.60	17.76	17.74	17.80
	6	LOW	Q16	17.43	17.48	17.42	17.80
1.4	1	LOW	64QAM	17.40	17.59	17.66	17.80
		MID	64QAM	17.66	17.49	17.56	17.80
		HIGH	64QAM	17.79	17.61	17.70	17.80
	3	LOW	64QAM	17.32	17.60	17.52	17.80
		MID	64QAM	17.66	17.59	17.53	17.80
		HIGH	64QAM	17.73	17.61	17.72	17.80
	6	LOW	64QAM	17.49	17.19	17.32	17.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	17.29	17.34	17.42	17.80
		MID	QPSK	17.14	17.22	17.21	17.80
		HIGH	QPSK	17.53	17.49	17.48	17.80
	8	LOW	QPSK	17.12	17.39	17.17	17.80
		MID	QPSK	17.32	17.47	17.22	17.80
		HIGH	QPSK	17.41	17.36	17.22	17.80
	15	LOW	QPSK	17.14	17.34	17.25	17.80
3	1	LOW	Q16	17.50	17.68	17.68	17.80
		MID	Q16	17.57	17.63	17.57	17.80
		HIGH	Q16	17.76	17.80	17.62	17.80
	8	LOW	Q16	17.14	17.43	17.16	17.80
		MID	Q16	17.45	17.41	17.46	17.80
		HIGH	Q16	17.48	17.36	17.44	17.80
	15	LOW	Q16	17.33	17.36	17.21	17.80
3	1	LOW	64QAM	17.48	17.48	17.46	17.80
		MID	64QAM	17.60	17.51	17.40	17.80
		HIGH	64QAM	17.68	17.61	17.52	17.80
	8	LOW	64QAM	17.06	17.57	17.32	17.80
		MID	64QAM	17.46	17.18	17.26	17.80
		HIGH	64QAM	17.45	17.59	17.29	17.80
	15	LOW	64QAM	17.55	17.48	17.10	17.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	17.15	17.14	17.48	17.80
		MID	QPSK	17.22	17.24	17.28	17.80
		HIGH	QPSK	17.40	17.47	17.52	17.80
	36	LOW	QPSK	17.21	17.50	17.32	17.80
		MID	QPSK	17.19	17.43	17.22	17.80
		HIGH	QPSK	17.44	17.20	17.25	17.80
	75	LOW	QPSK	17.41	17.33	17.40	17.80
5	1	LOW	Q16	17.60	17.63	17.58	17.80
		MID	Q16	17.49	17.72	17.44	17.80
		HIGH	Q16	17.74	17.74	17.72	17.80
	36	LOW	Q16	17.24	17.53	17.25	17.80
		MID	Q16	17.32	17.37	17.27	17.80
		HIGH	Q16	17.30	17.55	17.39	17.80
	75	LOW	Q16	17.19	17.28	17.37	17.80
5	1	LOW	64QAM	17.49	17.44	17.54	17.80
		MID	64QAM	17.77	17.55	17.36	17.80
		HIGH	64QAM	17.70	17.75	17.63	17.80
	36	LOW	64QAM	16.91	17.47	17.27	17.80
		MID	64QAM	17.46	17.35	17.39	17.80
		HIGH	64QAM	17.51	17.56	17.33	17.80
	75	LOW	64QAM	17.55	17.49	17.35	17.80

LTE B4-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.23	17.19	17.32	17.80
		MID	QPSK	17.20	17.42	17.48	17.80
		HIGH	QPSK	17.24	17.44	17.47	17.80
	50	LOW	QPSK	17.24	17.36	17.47	17.80
		MID	QPSK	17.38	17.31	17.50	17.80
		HIGH	QPSK	17.52	17.42	17.49	17.80
	100	LOW	QPSK	17.38	17.38	17.46	17.80
10	1	LOW	Q16	17.53	17.72	17.47	17.80
		MID	Q16	17.69	17.62	17.71	17.80
		HIGH	Q16	17.62	17.74	17.70	17.80
	50	LOW	Q16	17.30	17.34	17.28	17.80
		MID	Q16	17.43	17.43	17.20	17.80
		HIGH	Q16	17.25	17.43	17.49	17.80
	100	LOW	Q16	17.39	17.38	17.23	17.80
10	1	LOW	64QAM	17.49	17.60	17.59	17.80
		MID	64QAM	17.62	17.61	17.37	17.80
		HIGH	64QAM	17.54	17.72	17.57	17.80
	50	LOW	64QAM	16.92	17.39	17.41	17.80
		MID	64QAM	17.40	17.22	17.43	17.80
		HIGH	64QAM	17.55	17.56	17.26	17.80
	100	LOW	64QAM	17.52	17.24	17.33	17.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	17.31	17.16	17.40	17.80
		MID	QPSK	17.30	17.45	17.38	17.80
		HIGH	QPSK	17.25	17.33	17.44	17.80
	36	LOW	QPSK	17.02	17.46	17.34	17.80
		MID	QPSK	17.27	17.25	17.49	17.80
		HIGH	QPSK	17.36	17.31	17.28	17.80
	75	LOW	QPSK	17.21	17.27	17.47	17.80
15	1	LOW	Q16	17.68	17.71	17.46	17.80
		MID	Q16	17.63	17.79	17.53	17.80
		HIGH	Q16	17.65	17.77	17.50	17.80
	36	LOW	Q16	17.13	17.40	17.15	17.80
		MID	Q16	17.24	17.45	17.38	17.80
		HIGH	Q16	17.47	17.52	17.45	17.80
	75	LOW	Q16	17.28	17.26	17.20	17.80
15	1	LOW	64QAM	17.45	17.51	17.41	17.80
		MID	64QAM	17.57	17.51	17.32	17.80
		HIGH	64QAM	17.78	17.75	17.51	17.80
	36	LOW	64QAM	17.10	17.34	17.21	17.80
		MID	64QAM	17.40	17.24	17.38	17.80
		HIGH	64QAM	17.50	17.41	17.46	17.80
	75	LOW	64QAM	17.54	17.47	17.25	17.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.28	17.27	17.36	17.80
		MID	QPSK	17.27	17.31	17.36	17.80
		HIGH	QPSK	17.38	**17.40**	17.35	17.80
	50	LOW	QPSK	17.16	**17.37**	17.32	17.80
		MID	QPSK	17.34	17.32	**17.37**	17.80
		HIGH	QPSK	17.34	17.34	17.36	17.80
	100	LOW	QPSK	17.27	17.34	17.33	17.80
20	1	LOW	Q16	17.56	17.67	17.60	17.80
		MID	Q16	17.58	17.77	17.57	17.80
		HIGH	Q16	17.67	17.77	17.63	17.80
	50	LOW	Q16	17.21	17.43	17.28	17.80
		MID	Q16	17.38	17.38	17.33	17.80
		HIGH	Q16	17.38	17.44	17.34	17.80
	100	LOW	Q16	17.29	17.36	17.33	17.80
20	1	LOW	64QAM	17.43	17.57	17.55	17.80
		MID	64QAM	17.72	17.58	17.42	17.80
		HIGH	64QAM	17.72	17.75	17.58	17.80
	50	LOW	64QAM	17.06	17.48	17.28	17.80
		MID	64QAM	17.41	17.25	17.41	17.80
		HIGH	64QAM	17.53	17.52	17.41	17.80
	100	LOW	64QAM	17.42	17.34	17.22	17.80

LTE B4-LEVEL2&3-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.70	15.53	15.73	16.30
		MID	QPSK	15.58	15.67	15.72	16.30
		HIGH	QPSK	15.80	15.67	15.82	16.30
	3	LOW	QPSK	15.56	15.57	15.71	16.30
		MID	QPSK	15.63	15.70	15.68	16.30
		HIGH	QPSK	15.66	15.78	15.78	16.30
	6	LOW	QPSK	15.81	15.74	15.90	16.30
1.4	1	LOW	Q16	16.04	15.98	16.10	16.30
		MID	Q16	15.98	16.00	16.08	16.30
		HIGH	Q16	15.91	15.92	16.00	16.30
	3	LOW	Q16	15.92	15.94	16.02	16.30
		MID	Q16	15.92	15.94	16.14	16.30
		HIGH	Q16	15.91	15.98	15.92	16.30
	6	LOW	Q16	15.56	15.91	15.74	16.30
1.4	1	LOW	64QAM	15.95	16.14	16.05	16.30
		MID	64QAM	15.96	15.94	15.87	16.30
		HIGH	64QAM	16.02	15.93	16.00	16.30
	3	LOW	64QAM	15.94	16.20	16.05	16.30
		MID	64QAM	16.05	16.19	15.91	16.30
		HIGH	64QAM	15.98	16.10	15.94	16.30
	6	LOW	64QAM	15.75	15.90	15.94	16.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	15.67	15.71	15.84	16.30
		MID	QPSK	15.81	15.74	15.84	16.30
		HIGH	QPSK	15.83	15.67	15.72	16.30
	8	LOW	QPSK	15.64	15.69	15.80	16.30
		MID	QPSK	15.88	15.63	15.68	16.30
		HIGH	QPSK	15.85	15.85	15.90	16.30
	15	LOW	QPSK	15.68	15.86	15.66	16.30
3	1	LOW	Q16	15.97	15.97	15.96	16.30
		MID	Q16	16.15	16.08	16.14	16.30
		HIGH	Q16	16.10	15.95	16.15	16.30
	8	LOW	Q16	15.44	15.71	15.62	16.30
		MID	Q16	15.69	15.85	15.96	16.30
		HIGH	Q16	15.80	15.91	15.89	16.30
	15	LOW	Q16	15.70	15.74	15.81	16.30
3	1	LOW	64QAM	16.10	16.17	15.96	16.30
		MID	64QAM	16.19	16.18	15.91	16.30
		HIGH	64QAM	15.92	16.16	15.91	16.30
	8	LOW	64QAM	15.79	15.68	15.69	16.30
		MID	64QAM	15.74	15.97	15.82	16.30
		HIGH	64QAM	15.76	16.04	15.77	16.30
	15	LOW	64QAM	15.69	15.88	15.68	16.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	15.64	15.72	15.62	16.30
		MID	QPSK	15.53	15.68	15.71	16.30
		HIGH	QPSK	15.83	15.81	15.87	16.30
	36	LOW	QPSK	15.69	15.74	15.89	16.30
		MID	QPSK	15.85	15.85	15.88	16.30
		HIGH	QPSK	15.72	15.84	15.74	16.30
	75	LOW	QPSK	15.80	15.89	15.72	16.30
5	1	LOW	Q16	16.13	15.93	15.93	16.30
		MID	Q16	16.16	15.99	15.93	16.30
		HIGH	Q16	16.19	15.91	15.99	16.30
	36	LOW	Q16	15.69	15.89	15.78	16.30
		MID	Q16	15.81	15.68	15.93	16.30
		HIGH	Q16	15.87	15.74	15.85	16.30
	75	LOW	Q16	15.82	15.87	15.79	16.30
5	1	LOW	64QAM	16.19	15.96	16.06	16.30
		MID	64QAM	16.00	16.00	16.19	16.30
		HIGH	64QAM	15.97	15.94	16.00	16.30
	36	LOW	64QAM	15.72	15.79	15.81	16.30
		MID	64QAM	15.82	15.76	15.73	16.30
		HIGH	64QAM	15.61	15.88	15.88	16.30
	75	LOW	64QAM	15.83	15.95	15.77	16.30

LTE B4-LEVEL2&3&4-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	15.58	15.73	15.84	16.30
		MID	QPSK	15.73	15.59	15.93	16.30
		HIGH	QPSK	15.68	15.65	15.76	16.30
	50	LOW	QPSK	15.71	15.80	15.76	16.30
		MID	QPSK	15.67	15.88	15.81	16.30
		HIGH	QPSK	15.70	15.86	15.85	16.30
	100	LOW	QPSK	15.60	15.78	15.81	16.30
10	1	LOW	Q16	15.91	16.13	16.05	16.30
		MID	Q16	15.94	15.93	16.06	16.30
		HIGH	Q16	15.94	15.91	15.95	16.30
	50	LOW	Q16	15.69	15.81	15.89	16.30
		MID	Q16	15.70	15.90	15.81	16.30
		HIGH	Q16	15.81	15.86	15.84	16.30
	100	LOW	Q16	15.69	15.85	15.91	16.30
10	1	LOW	64QAM	15.94	16.10	15.94	16.30
		MID	64QAM	15.96	16.20	16.00	16.30
		HIGH	64QAM	15.92	16.06	16.20	16.30
	50	LOW	64QAM	15.58	15.74	15.87	16.30
		MID	64QAM	15.70	15.97	15.84	16.30
		HIGH	64QAM	15.82	15.79	16.03	16.30
	100	LOW	64QAM	15.97	16.04	15.76	16.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	15.62	15.75	15.76	16.30
		MID	QPSK	15.83	15.88	15.66	16.30
		HIGH	QPSK	15.70	15.91	15.94	16.30
	36	LOW	QPSK	15.54	15.79	15.87	16.30
		MID	QPSK	15.85	15.69	15.91	16.30
		HIGH	QPSK	15.87	15.74	15.79	16.30
	75	LOW	QPSK	15.55	15.74	15.83	16.30
15	1	LOW	Q16	16.11	15.98	16.14	16.30
		MID	Q16	15.95	16.11	16.18	16.30
		HIGH	Q16	16.15	15.93	16.15	16.30
	36	LOW	Q16	15.46	15.85	15.64	16.30
		MID	Q16	15.63	15.95	15.75	16.30
		HIGH	Q16	15.79	15.98	15.89	16.30
	75	LOW	Q16	15.63	15.74	15.84	16.30
15	1	LOW	64QAM	15.96	15.91	16.17	16.30
		MID	64QAM	16.17	16.04	16.18	16.30
		HIGH	64QAM	15.94	16.14	15.95	16.30
	36	LOW	64QAM	15.73	15.82	15.89	16.30
		MID	64QAM	15.64	15.75	15.75	16.30
		HIGH	64QAM	15.59	15.79	16.00	16.30
	75	LOW	64QAM	15.81	15.91	15.69	16.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	15.70	15.67	15.76	16.30
		MID	QPSK	15.68	15.74	15.78	16.30
		HIGH	QPSK	15.80	**15.82**	15.81	16.30
	50	LOW	QPSK	15.63	15.78	15.75	16.30
		MID	QPSK	15.78	15.76	**15.81**	16.30
		HIGH	QPSK	15.77	**15.81**	15.78	16.30
	100	LOW	QPSK	15.70	15.78	15.79	16.30
20	1	LOW	Q16	16.13	15.98	16.16	16.30
		MID	Q16	16.15	15.93	16.19	16.30
		HIGH	Q16	15.95	15.98	15.91	16.30
	50	LOW	Q16	15.59	15.79	15.76	16.30
		MID	Q16	15.77	15.80	15.82	16.30
		HIGH	Q16	15.78	15.83	15.82	16.30
	100	LOW	Q16	15.71	15.81	15.79	16.30
20	1	LOW	64QAM	15.95	15.93	16.07	16.30
		MID	64QAM	15.94	16.00	15.94	16.30
		HIGH	64QAM	16.16	16.20	16.00	16.30
	50	LOW	64QAM	15.64	15.78	15.75	16.30
		MID	64QAM	15.74	15.90	15.78	16.30
		HIGH	64QAM	15.72	15.92	15.88	16.30
	100	LOW	64QAM	15.83	15.95	15.82	16.30

LTE B4-LEVEL4-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.15	21.03	21.30	21.80
		MID	QPSK	21.16	21.12	21.24	21.80
		HIGH	QPSK	21.20	21.16	21.16	21.80
	3	LOW	QPSK	21.01	21.00	21.27	21.80
		MID	QPSK	21.14	21.29	21.21	21.80
		HIGH	QPSK	21.26	21.20	21.15	21.80
	6	LOW	QPSK	21.22	21.27	21.29	21.80
1.4	1	LOW	Q16	21.24	21.21	21.26	21.80
		MID	Q16	21.12	21.25	21.13	21.80
		HIGH	Q16	21.20	21.22	21.25	21.80
	3	LOW	Q16	21.15	21.29	21.20	21.80
		MID	Q16	21.24	21.15	21.30	21.80
		HIGH	Q16	21.27	21.21	21.12	21.80
	6	LOW	Q16	21.05	21.12	21.26	21.80
1.4	1	LOW	64QAM	21.15	21.25	21.30	21.80
		MID	64QAM	21.22	21.08	21.17	21.80
		HIGH	64QAM	21.16	21.03	21.14	21.80
	3	LOW	64QAM	21.19	20.99	21.16	21.80
		MID	64QAM	21.22	21.17	21.24	21.80
		HIGH	64QAM	21.27	20.95	21.28	21.80
	6	LOW	64QAM	20.56	20.78	20.70	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	21.29	21.02	21.23	21.80
		MID	QPSK	21.26	21.11	21.12	21.80
		HIGH	QPSK	21.22	21.15	21.20	21.80
	8	LOW	QPSK	21.18	21.11	21.20	21.80
		MID	QPSK	21.20	21.14	21.13	21.80
		HIGH	QPSK	21.28	21.15	21.14	21.80
	15	LOW	QPSK	21.15	21.14	21.30	21.80
3	1	LOW	Q16	21.24	21.30	21.26	21.80
		MID	Q16	21.19	21.23	21.27	21.80
		HIGH	Q16	21.19	21.29	21.24	21.80
	8	LOW	Q16	20.71	20.94	20.82	21.80
		MID	Q16	21.26	21.25	21.02	21.80
		HIGH	Q16	21.24	21.13	21.14	21.80
	15	LOW	Q16	21.26	21.28	21.08	21.80
3	1	LOW	64QAM	21.15	21.23	21.29	21.80
		MID	64QAM	21.23	21.25	21.18	21.80
		HIGH	64QAM	21.11	21.06	21.26	21.80
	8	LOW	64QAM	19.90	20.14	20.44	20.80
		MID	64QAM	20.64	20.50	20.66	20.80
		HIGH	64QAM	20.73	20.70	20.57	20.80
	15	LOW	64QAM	20.46	20.68	20.74	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	21.10	21.23	21.18	21.80
		MID	QPSK	21.28	21.03	21.30	21.80
		HIGH	QPSK	21.10	21.19	21.26	21.80
	36	LOW	QPSK	20.99	21.26	21.09	21.80
		MID	QPSK	21.12	21.05	21.27	21.80
		HIGH	QPSK	21.20	21.13	21.21	21.80
	75	LOW	QPSK	21.01	21.05	21.29	21.80
5	1	LOW	Q16	21.08	21.18	21.16	21.80
		MID	Q16	21.29	21.14	21.19	21.80
		HIGH	Q16	21.21	21.17	21.23	21.80
	36	LOW	Q16	20.76	20.92	20.77	21.80
		MID	Q16	21.09	21.25	21.26	21.80
		HIGH	Q16	21.27	21.20	21.24	21.80
	75	LOW	Q16	21.29	21.20	21.14	21.80
5	1	LOW	64QAM	21.22	21.15	21.16	21.80
		MID	64QAM	21.15	21.17	21.26	21.80
		HIGH	64QAM	21.28	21.24	21.22	21.80
	36	LOW	64QAM	19.92	20.13	20.19	20.80
		MID	64QAM	20.44	20.67	20.71	20.80
		HIGH	64QAM	20.56	20.62	20.72	20.80
	75	LOW	64QAM	20.47	20.78	20.74	20.80

LTE B4-LEVEL5-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	21.23	21.16	21.24	21.80
		MID	QPSK	21.17	21.16	21.22	21.80
		HIGH	QPSK	21.22	21.20	21.22	21.80
	50	LOW	QPSK	21.02	21.12	21.23	21.80
		MID	QPSK	21.07	21.16	21.22	21.80
		HIGH	QPSK	21.28	21.20	21.15	21.80
	100	LOW	QPSK	21.09	21.15	21.14	21.80
10	1	LOW	Q16	21.19	21.16	21.29	21.80
		MID	Q16	21.27	21.18	21.25	21.80
		HIGH	Q16	21.30	21.13	21.10	21.80
	50	LOW	Q16	20.60	20.84	20.84	21.80
		MID	Q16	21.26	21.21	21.02	21.80
		HIGH	Q16	21.29	21.14	21.24	21.80
	100	LOW	Q16	21.15	21.27	21.05	21.80
10	1	LOW	64QAM	21.17	21.01	21.08	21.80
		MID	64QAM	21.30	21.15	21.09	21.80
		HIGH	64QAM	21.10	20.96	21.28	21.80
	50	LOW	64QAM	20.16	20.38	20.44	20.80
		MID	64QAM	20.62	20.61	20.70	20.80
		HIGH	64QAM	20.55	20.62	20.67	20.80
	100	LOW	64QAM	20.55	20.75	20.78	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	21.10	20.95	21.07	21.80
		MID	QPSK	21.09	21.23	21.25	21.80
		HIGH	QPSK	21.21	21.26	21.30	21.80
	36	LOW	QPSK	21.00	21.19	21.18	21.80
		MID	QPSK	21.26	21.25	21.14	21.80
		HIGH	QPSK	21.14	21.13	21.27	21.80
	75	LOW	QPSK	21.13	21.20	21.28	21.80
15	1	LOW	Q16	21.24	21.14	21.15	21.80
		MID	Q16	21.25	21.13	21.13	21.80
		HIGH	Q16	21.14	21.24	21.23	21.80
	36	LOW	Q16	20.71	20.91	20.92	21.80
		MID	Q16	21.22	21.24	21.29	21.80
		HIGH	Q16	21.25	21.17	21.21	21.80
	75	LOW	Q16	21.04	21.15	21.14	21.80
15	1	LOW	64QAM	21.26	21.02	21.13	21.80
		MID	64QAM	21.28	21.28	21.08	21.80
		HIGH	64QAM	21.17	21.14	21.22	21.80
	36	LOW	64QAM	19.98	20.09	20.27	20.80
		MID	64QAM	20.60	20.48	20.80	20.80
		HIGH	64QAM	20.65	20.65	20.58	20.80
	75	LOW	64QAM	20.73	20.67	20.65	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	21.16	21.09	21.22	21.80
		MID	QPSK	21.13	21.18	21.27	21.80
		HIGH	QPSK	21.20	**21.29**	21.27	21.80
	50	LOW	QPSK	21.06	21.21	21.23	21.80
		MID	QPSK	21.20	21.17	21.28	21.80
		HIGH	QPSK	21.26	**21.30**	21.28	21.80
	100	LOW	QPSK	21.12	21.22	21.28	21.80
20	1	LOW	Q16	21.25	21.28	21.26	21.80
		MID	Q16	21.21	21.26	21.25	21.80
		HIGH	Q16	21.21	21.24	21.24	21.80
	50	LOW	Q16	20.66	20.83	20.90	21.80
		MID	Q16	21.20	21.23	21.15	21.80
		HIGH	Q16	21.25	21.28	21.26	21.80
	100	LOW	Q16	21.14	21.27	21.29	21.80
20	1	LOW	64QAM	21.24	21.14	21.28	21.80
		MID	64QAM	21.28	21.17	21.22	21.80
		HIGH	64QAM	21.25	21.10	21.25	21.80
	50	LOW	64QAM	20.01	20.23	20.34	20.80
		MID	64QAM	20.75	20.61	20.79	20.80
		HIGH	64QAM	20.68	20.72	20.76	20.80
	100	LOW	64QAM	20.58	20.65	20.72	20.80

LTE B4-LEVEL5&6-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.71	19.74	19.82	20.30
		MID	QPSK	19.74	19.96	19.80	20.30
		HIGH	QPSK	19.92	19.78	20.01	20.30
	3	LOW	QPSK	19.69	19.66	19.76	20.30
		MID	QPSK	19.94	19.95	20.04	20.30
		HIGH	QPSK	20.03	20.03	19.87	20.30
	6	LOW	QPSK	19.74	19.78	19.84	20.30
1.4	1	LOW	Q16	20.02	20.06	20.04	20.30
		MID	Q16	20.04	20.15	20.05	20.30
		HIGH	Q16	20.20	20.08	20.07	20.30
	3	LOW	Q16	20.20	20.13	20.11	20.30
		MID	Q16	20.01	20.04	20.13	20.30
		HIGH	Q16	19.99	20.16	20.02	20.30
	6	LOW	Q16	19.89	19.87	19.83	20.30
1.4	1	LOW	64QAM	20.17	20.08	20.09	20.30
		MID	64QAM	20.03	20.03	20.03	20.30
		HIGH	64QAM	20.06	20.03	20.00	20.30
	3	LOW	64QAM	20.19	20.18	20.09	20.30
		MID	64QAM	20.02	20.03	20.19	20.30
		HIGH	64QAM	20.00	20.04	20.12	20.30
	6	LOW	64QAM	19.90	20.02	19.88	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.75	19.94	19.93	20.30
		MID	QPSK	19.94	19.89	19.87	20.30
		HIGH	QPSK	20.01	19.86	19.82	20.30
	8	LOW	QPSK	19.77	19.88	19.89	20.30
		MID	QPSK	19.80	19.94	20.00	20.30
		HIGH	QPSK	19.93	19.87	20.08	20.30
	15	LOW	QPSK	19.80	19.98	19.93	20.30
3	1	LOW	Q16	20.18	20.06	20.19	20.30
		MID	Q16	20.12	20.05	20.06	20.30
		HIGH	Q16	20.01	20.11	20.10	20.30
	8	LOW	Q16	19.84	19.88	20.02	20.30
		MID	Q16	19.79	19.85	19.84	20.30
		HIGH	Q16	19.75	19.92	20.02	20.30
	15	LOW	Q16	19.91	20.07	19.91	20.30
3	1	LOW	64QAM	20.14	20.08	20.15	20.30
		MID	64QAM	20.06	20.01	20.04	20.30
		HIGH	64QAM	20.04	20.03	20.03	20.30
	8	LOW	64QAM	19.62	19.78	20.01	20.30
		MID	64QAM	19.85	19.80	19.82	20.30
		HIGH	64QAM	19.96	20.01	20.05	20.30
	15	LOW	64QAM	19.73	19.96	20.00	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.94	19.68	19.98	20.30
		MID	QPSK	19.66	19.95	19.89	20.30
		HIGH	QPSK	19.75	20.01	19.84	20.30
	36	LOW	QPSK	19.81	19.87	19.81	20.30
		MID	QPSK	19.97	19.90	19.83	20.30
		HIGH	QPSK	20.01	19.86	19.86	20.30
	75	LOW	QPSK	19.79	20.01	19.83	20.30
5	1	LOW	Q16	20.02	20.14	20.09	20.30
		MID	Q16	20.03	20.06	20.18	20.30
		HIGH	Q16	20.09	20.12	20.16	20.30
	36	LOW	Q16	19.86	19.81	19.97	20.30
		MID	Q16	19.89	19.77	20.00	20.30
		HIGH	Q16	19.86	20.02	19.81	20.30
	75	LOW	Q16	19.76	19.82	19.86	20.30
5	1	LOW	64QAM	20.10	20.06	20.06	20.30
		MID	64QAM	20.14	20.08	20.04	20.30
		HIGH	64QAM	20.12	20.04	20.11	20.30
	36	LOW	64QAM	19.64	20.00	20.01	20.30
		MID	64QAM	19.95	20.00	19.74	20.30
		HIGH	64QAM	19.97	19.93	20.07	20.30
	75	LOW	64QAM	19.82	20.01	19.94	20.30

LTE B4-LEVEL6&7&8-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.88	19.70	19.97	20.30
		MID	QPSK	19.85	19.90	19.76	20.30
		HIGH	QPSK	19.78	19.99	19.79	20.30
	50	LOW	QPSK	19.91	19.87	20.04	20.30
		MID	QPSK	20.03	19.84	19.86	20.30
		HIGH	QPSK	19.82	19.89	19.99	20.30
	100	LOW	QPSK	19.79	19.96	20.03	20.30
10	1	LOW	Q16	20.03	20.02	20.17	20.30
		MID	Q16	20.03	20.03	20.09	20.30
		HIGH	Q16	20.13	20.06	20.18	20.30
	50	LOW	Q16	19.79	20.07	19.81	20.30
		MID	Q16	19.75	19.88	19.91	20.30
		HIGH	Q16	19.79	19.89	20.00	20.30
	100	LOW	Q16	19.80	19.93	19.81	20.30
10	1	LOW	64QAM	20.03	20.06	20.19	20.30
		MID	64QAM	20.04	20.03	20.08	20.30
		HIGH	64QAM	20.03	20.08	20.11	20.30
	50	LOW	64QAM	19.82	19.88	20.04	20.30
		MID	64QAM	20.12	19.79	19.78	20.30
		HIGH	64QAM	19.76	20.01	20.17	20.30
	100	LOW	64QAM	19.64	20.18	20.03	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.96	19.70	19.80	20.30
		MID	QPSK	19.90	19.95	19.95	20.30
		HIGH	QPSK	19.89	19.91	19.97	20.30
	36	LOW	QPSK	19.82	19.99	19.88	20.30
		MID	QPSK	19.74	19.93	19.96	20.30
		HIGH	QPSK	19.83	20.00	20.08	20.30
	75	LOW	QPSK	19.69	19.93	19.98	20.30
15	1	LOW	Q16	19.94	20.16	20.00	20.30
		MID	Q16	20.11	20.19	19.93	20.30
		HIGH	Q16	20.05	19.98	19.98	20.30
	36	LOW	Q16	19.80	19.85	19.92	20.30
		MID	Q16	19.73	20.02	19.81	20.30
		HIGH	Q16	19.81	19.83	20.04	20.30
	75	LOW	Q16	19.76	19.98	20.05	20.30
15	1	LOW	64QAM	20.20	20.04	19.94	20.30
		MID	64QAM	20.02	19.91	20.18	20.30
		HIGH	64QAM	20.17	19.91	20.06	20.30
	36	LOW	64QAM	19.84	19.97	19.90	20.30
		MID	64QAM	20.12	19.80	19.91	20.30
		HIGH	64QAM	19.69	20.09	20.03	20.30
	75	LOW	64QAM	19.62	20.14	19.87	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.82	19.79	19.89	20.30
		MID	QPSK	19.79	19.85	19.89	20.30
		HIGH	QPSK	19.90	**19.92**	19.91	20.30
	50	LOW	QPSK	19.76	**19.94**	19.90	20.30
		MID	QPSK	19.88	19.91	19.93	20.30
		HIGH	QPSK	19.91	19.93	**19.94**	20.30
	100	LOW	QPSK	19.80	19.91	19.91	20.30
20	1	LOW	Q16	20.08	20.04	20.06	20.30
		MID	Q16	20.03	20.12	20.05	20.30
		HIGH	Q16	20.08	20.04	20.08	20.30
	50	LOW	Q16	19.71	19.92	19.89	20.30
		MID	Q16	19.86	19.92	19.91	20.30
		HIGH	Q16	19.90	19.95	19.93	20.30
	100	LOW	Q16	19.82	19.95	19.90	20.30
20	1	LOW	64QAM	20.14	20.15	20.20	20.30
		MID	64QAM	20.17	20.17	20.03	20.30
		HIGH	64QAM	20.13	20.18	20.04	20.30
	50	LOW	64QAM	19.75	19.85	20.03	20.30
		MID	64QAM	19.98	19.88	19.84	20.30
		HIGH	64QAM	19.83	20.06	20.06	20.30
	100	LOW	64QAM	19.75	20.06	19.99	20.30

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	23.36	23.49	24.30
		MID	QPSK	23.31	23.34	23.36	24.30
		HIGH	QPSK	23.36	23.32	23.33	24.30
	3	LOW	QPSK	23.42	23.53	23.51	24.30
		MID	QPSK	23.31	23.44	23.34	24.30
		HIGH	QPSK	23.47	23.52	23.26	24.30
	6	LOW	QPSK	22.57	22.48	22.30	23.30
1.4	1	LOW	Q16	22.74	23.08	22.95	23.30
		MID	Q16	22.97	22.97	22.68	23.30
		HIGH	Q16	22.83	23.05	22.88	23.30
	3	LOW	Q16	22.82	23.16	22.77	23.30
		MID	Q16	22.90	23.11	22.69	23.30
		HIGH	Q16	22.91	22.87	22.86	23.30
	6	LOW	Q16	21.43	21.56	21.30	22.30
1.4	1	LOW	64QAM	21.84	21.99	21.72	22.30
		MID	64QAM	21.89	22.06	21.79	22.30
		HIGH	64QAM	21.89	21.92	21.70	22.30
	3	LOW	64QAM	21.93	22.26	21.61	22.30
		MID	64QAM	22.00	21.91	21.74	22.30
		HIGH	64QAM	21.83	21.98	21.59	22.30
	6	LOW	64QAM	20.39	20.46	20.24	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.31	23.58	23.52	24.30
		MID	QPSK	23.56	23.36	23.45	24.30
		HIGH	QPSK	23.24	23.44	23.45	24.30
	8	LOW	QPSK	22.50	22.67	22.43	23.30
		MID	QPSK	22.44	22.58	22.53	23.30
		HIGH	QPSK	22.62	22.36	22.52	23.30
	15	LOW	QPSK	22.53	22.39	22.51	23.30
3	1	LOW	Q16	22.83	23.12	22.83	23.30
		MID	Q16	22.75	23.24	22.78	23.30
		HIGH	Q16	22.75	23.03	22.70	23.30
	8	LOW	Q16	21.28	21.51	21.31	22.30
		MID	Q16	21.33	21.39	21.39	22.30
		HIGH	Q16	21.59	21.33	21.56	22.30
	15	LOW	Q16	21.37	21.34	21.30	22.30
3	1	LOW	64QAM	21.98	22.23	21.73	22.30
		MID	64QAM	21.92	21.88	21.88	22.30
		HIGH	64QAM	21.86	21.97	21.52	22.30
	8	LOW	64QAM	20.44	20.45	20.65	21.30
		MID	64QAM	20.57	20.66	20.43	21.30
		HIGH	64QAM	20.67	20.46	20.56	21.30
	15	LOW	64QAM	20.36	20.41	20.42	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.29	23.47	23.52	24.30
		MID	QPSK	23.49	23.37	23.47	24.30
		HIGH	QPSK	23.49	23.44	23.52	24.30
	36	LOW	QPSK	22.55	22.40	22.53	23.30
		MID	QPSK	22.59	22.35	22.54	23.30
		HIGH	QPSK	22.50	22.32	22.44	23.30
	75	LOW	QPSK	22.29	22.63	22.46	23.30
5	1	LOW	Q16	22.95	23.18	22.76	23.30
		MID	Q16	22.78	23.07	22.85	23.30
		HIGH	Q16	22.73	23.04	22.61	23.30
	36	LOW	Q16	21.35	21.66	21.30	22.30
		MID	Q16	21.53	21.54	21.38	22.30
		HIGH	Q16	21.31	21.45	21.52	22.30
	75	LOW	Q16	21.53	21.40	21.39	22.30
5	1	LOW	64QAM	21.86	22.04	21.61	22.30
		MID	64QAM	21.91	21.98	21.77	22.30
		HIGH	64QAM	21.61	21.93	21.52	22.30
	36	LOW	64QAM	20.30	20.44	20.42	21.30
		MID	64QAM	20.53	20.66	20.45	21.30
		HIGH	64QAM	20.72	20.47	20.61	21.30
	75	LOW	64QAM	20.46	20.48	20.22	21.30

LTE B4-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.42	23.56	23.58	24.30
		MID	QPSK	23.41	23.34	23.36	24.30
		HIGH	QPSK	23.28	23.53	23.45	24.30
	50	LOW	QPSK	22.33	22.58	22.46	23.30
		MID	QPSK	22.35	22.55	22.52	23.30
		HIGH	QPSK	22.57	22.39	22.40	23.30
	100	LOW	QPSK	22.32	22.56	22.58	23.30
10	1	LOW	Q16	22.87	23.14	22.96	23.30
		MID	Q16	23.01	23.21	22.86	23.30
		HIGH	Q16	22.73	23.12	22.65	23.30
	50	LOW	Q16	21.45	21.56	21.52	22.30
		MID	Q16	21.57	21.34	21.44	22.30
		HIGH	Q16	21.36	21.36	21.47	22.30
	100	LOW	Q16	21.46	21.45	21.40	22.30
10	1	LOW	64QAM	21.95	22.10	21.84	22.30
		MID	64QAM	21.89	21.93	21.88	22.30
		HIGH	64QAM	21.89	21.86	21.58	22.30
	50	LOW	64QAM	20.39	20.29	20.60	21.30
		MID	64QAM	20.32	20.65	20.56	21.30
		HIGH	64QAM	20.52	20.71	20.61	21.30
	100	LOW	64QAM	20.57	20.43	20.51	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.40	23.58	23.34	24.30
		MID	QPSK	23.42	23.40	23.51	24.30
		HIGH	QPSK	23.54	23.30	23.31	24.30
	36	LOW	QPSK	22.28	22.46	22.59	23.30
		MID	QPSK	22.60	22.55	22.51	23.30
		HIGH	QPSK	22.59	22.52	22.42	23.30
	75	LOW	QPSK	22.40	22.52	22.57	23.30
15	1	LOW	Q16	22.79	23.05	22.68	23.30
		MID	Q16	23.00	22.97	22.81	23.30
		HIGH	Q16	23.00	23.01	22.81	23.30
	36	LOW	Q16	21.40	21.49	21.29	22.30
		MID	Q16	21.43	21.44	21.41	22.30
		HIGH	Q16	21.37	21.38	21.36	22.30
	75	LOW	Q16	21.48	21.58	21.48	22.30
15	1	LOW	64QAM	21.83	22.12	21.86	22.30
		MID	64QAM	22.08	21.91	21.76	22.30
		HIGH	64QAM	21.62	21.75	21.64	22.30
	36	LOW	64QAM	20.40	20.41	20.62	21.30
		MID	64QAM	20.55	20.52	20.56	21.30
		HIGH	64QAM	20.73	20.44	20.67	21.30
	75	LOW	64QAM	20.39	20.34	20.26	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	**23.47**	23.45	24.30
		MID	QPSK	23.42	23.44	23.41	24.30
		HIGH	QPSK	23.39	23.40	23.39	24.30
	50	LOW	QPSK	22.41	**22.54**	22.46	23.30
		MID	QPSK	22.48	22.49	22.41	23.30
		HIGH	QPSK	22.49	22.43	22.42	23.30
	100	LOW	QPSK	22.44	22.48	22.43	23.30
20	1	LOW	Q16	22.89	23.08	22.82	23.30
		MID	Q16	22.88	23.10	22.81	23.30
		HIGH	Q16	22.85	23.01	22.73	23.30
	50	LOW	Q16	21.34	21.51	21.43	22.30
		MID	Q16	21.44	21.47	21.39	22.30
		HIGH	Q16	21.45	21.44	21.43	22.30
	100	LOW	Q16	21.42	21.47	21.39	22.30
20	1	LOW	64QAM	21.84	22.13	21.76	22.30
		MID	64QAM	21.95	21.99	21.83	22.30
		HIGH	64QAM	21.74	21.87	21.62	22.30
	50	LOW	64QAM	20.42	20.36	20.54	21.30
		MID	64QAM	20.46	20.52	20.45	21.30
		HIGH	64QAM	20.59	20.58	20.56	21.30
	100	LOW	64QAM	20.50	20.39	20.37	21.30

LTE B4-LEVEL1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.29	23.46	23.38	24.30
		MID	QPSK	23.29	23.40	23.47	24.30
		HIGH	QPSK	23.53	23.34	23.28	24.30
	3	LOW	QPSK	23.28	23.34	23.58	24.30
		MID	QPSK	23.50	23.34	23.43	24.30
		HIGH	QPSK	23.48	23.25	23.41	24.30
	6	LOW	QPSK	22.42	22.37	22.46	23.30
1.4	1	LOW	Q16	22.80	23.14	22.77	23.30
		MID	Q16	22.73	22.96	22.83	23.30
		HIGH	Q16	22.81	23.08	22.81	23.30
	3	LOW	Q16	22.76	23.06	22.94	23.30
		MID	Q16	22.95	23.04	22.69	23.30
		HIGH	Q16	23.00	23.06	22.63	23.30
	6	LOW	Q16	21.57	21.37	21.41	22.30
1.4	1	LOW	64QAM	21.85	21.85	21.73	22.30
		MID	64QAM	21.92	22.08	21.99	22.30
		HIGH	64QAM	21.65	22.15	21.98	22.30
	3	LOW	64QAM	21.86	21.92	21.84	22.30
		MID	64QAM	21.85	21.87	21.84	22.30
		HIGH	64QAM	21.73	21.99	21.98	22.30
	6	LOW	64QAM	20.30	20.65	20.47	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.46	23.37	23.52	24.30
		MID	QPSK	23.57	23.54	23.38	24.30
		HIGH	QPSK	23.33	23.46	23.24	24.30
	8	LOW	QPSK	22.48	22.51	22.38	23.30
		MID	QPSK	22.49	22.63	22.35	23.30
		HIGH	QPSK	22.44	22.41	22.48	23.30
	15	LOW	QPSK	22.41	22.41	22.29	23.30
3	1	LOW	Q16	23.02	22.93	22.76	23.30
		MID	Q16	23.00	23.03	22.69	23.30
		HIGH	Q16	22.86	23.08	22.74	23.30
	8	LOW	Q16	21.49	21.65	21.29	22.30
		MID	Q16	21.39	21.56	21.33	22.30
		HIGH	Q16	21.33	21.53	21.41	22.30
	15	LOW	Q16	21.36	21.42	21.51	22.30
3	1	LOW	64QAM	22.12	22.07	21.93	22.30
		MID	64QAM	21.75	21.96	21.94	22.30
		HIGH	64QAM	21.85	22.11	21.75	22.30
	8	LOW	64QAM	20.37	20.58	20.53	21.30
		MID	64QAM	20.55	20.37	20.24	21.30
		HIGH	64QAM	20.36	20.44	20.27	21.30
	15	LOW	64QAM	20.35	20.54	20.54	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.50	23.34	23.53	24.30
		MID	QPSK	23.36	23.30	23.39	24.30
		HIGH	QPSK	23.46	23.37	23.25	24.30
	36	LOW	QPSK	22.53	22.59	22.36	23.30
		MID	QPSK	22.42	22.45	22.46	23.30
		HIGH	QPSK	22.55	22.34	22.30	23.30
	75	LOW	QPSK	22.31	22.38	22.36	23.30
5	1	LOW	Q16	22.74	23.06	22.97	23.30
		MID	Q16	22.84	23.18	22.83	23.30
		HIGH	Q16	22.92	23.13	22.64	23.30
	36	LOW	Q16	21.32	21.42	21.44	22.30
		MID	Q16	21.36	21.37	21.51	22.30
		HIGH	Q16	21.37	21.48	21.49	22.30
	75	LOW	Q16	21.47	21.39	21.25	22.30
5	1	LOW	64QAM	22.06	21.87	21.83	22.30
		MID	64QAM	21.77	22.02	21.85	22.30
		HIGH	64QAM	21.83	22.18	21.99	22.30
	36	LOW	64QAM	20.34	20.64	20.42	21.30
		MID	64QAM	20.42	20.55	20.38	21.30
		HIGH	64QAM	20.28	20.28	20.29	21.30
	75	LOW	64QAM	20.43	20.55	20.29	21.30

LTE B4-LEVEL1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.53	23.37	23.36	24.30
		MID	QPSK	23.34	23.50	23.52	24.30
		HIGH	QPSK	23.35	23.28	23.54	24.30
	50	LOW	QPSK	22.49	22.65	22.48	23.30
		MID	QPSK	22.36	22.38	22.28	23.30
		HIGH	QPSK	22.58	22.52	22.31	23.30
	100	LOW	QPSK	22.52	22.58	22.31	23.30
10	1	LOW	Q16	22.80	23.10	22.74	23.30
		MID	Q16	22.96	23.07	22.70	23.30
		HIGH	Q16	22.76	23.10	22.62	23.30
	50	LOW	Q16	21.32	21.43	21.47	22.30
		MID	Q16	21.46	21.35	21.24	22.30
		HIGH	Q16	21.40	21.57	21.55	22.30
	100	LOW	Q16	21.29	21.42	21.43	22.30
10	1	LOW	64QAM	21.89	21.80	21.75	22.30
		MID	64QAM	21.75	21.95	21.89	22.30
		HIGH	64QAM	21.63	22.07	21.82	22.30
	50	LOW	64QAM	20.37	20.61	20.45	21.30
		MID	64QAM	20.47	20.57	20.48	21.30
		HIGH	64QAM	20.26	20.41	20.35	21.30
	100	LOW	64QAM	20.35	20.47	20.41	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.28	23.60	23.37	24.30
		MID	QPSK	23.52	23.40	23.49	24.30
		HIGH	QPSK	23.35	23.29	23.28	24.30
	36	LOW	QPSK	22.52	22.56	22.46	23.30
		MID	QPSK	22.47	22.35	22.42	23.30
		HIGH	QPSK	22.35	22.48	22.29	23.30
	75	LOW	QPSK	22.33	22.50	22.47	23.30
15	1	LOW	Q16	22.85	23.16	22.78	23.30
		MID	Q16	22.85	23.16	22.70	23.30
		HIGH	Q16	22.72	22.86	22.61	23.30
	36	LOW	Q16	21.40	21.43	21.36	22.30
		MID	Q16	21.38	21.52	21.28	22.30
		HIGH	Q16	21.58	21.59	21.51	22.30
	75	LOW	Q16	21.53	21.36	21.54	22.30
15	1	LOW	64QAM	21.82	21.88	21.85	22.30
		MID	64QAM	21.85	21.93	21.88	22.30
		HIGH	64QAM	21.74	21.95	21.74	22.30
	36	LOW	64QAM	20.44	20.57	20.44	21.30
		MID	64QAM	20.59	20.42	20.23	21.30
		HIGH	64QAM	20.30	20.33	20.27	21.30
	75	LOW	64QAM	20.48	20.64	20.32	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	**23.47**	23.45	24.30
		MID	QPSK	23.42	23.44	23.41	24.30
		HIGH	QPSK	23.39	23.40	23.39	24.30
	50	LOW	QPSK	22.41	**22.54**	22.46	23.30
		MID	QPSK	22.48	22.49	22.41	23.30
		HIGH	QPSK	22.49	22.43	22.42	23.30
	100	LOW	QPSK	22.44	22.48	22.43	23.30
20	1	LOW	Q16	22.89	23.08	22.82	23.30
		MID	Q16	22.88	23.10	22.81	23.30
		HIGH	Q16	22.85	23.01	22.73	23.30
	50	LOW	Q16	21.34	21.51	21.43	22.30
		MID	Q16	21.44	21.47	21.39	22.30
		HIGH	Q16	21.45	21.44	21.43	22.30
	100	LOW	Q16	21.42	21.47	21.39	22.30
20	1	LOW	64QAM	21.97	21.95	21.87	22.30
		MID	64QAM	21.77	21.95	21.89	22.30
		HIGH	64QAM	21.78	22.10	21.87	22.30
	50	LOW	64QAM	20.49	20.59	20.55	21.30
		MID	64QAM	20.50	20.46	20.35	21.30
		HIGH	64QAM	20.31	20.36	20.32	21.30
	100	LOW	64QAM	20.33	20.53	20.39	21.30

LTE B4-LEVEL2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.31	23.35	23.36	24.30
		MID	QPSK	23.27	23.59	23.45	24.30
		HIGH	QPSK	23.51	23.30	23.47	24.30
	3	LOW	QPSK	23.26	23.38	23.49	24.30
		MID	QPSK	23.31	23.56	23.47	24.30
		HIGH	QPSK	23.33	23.43	23.27	24.30
	6	LOW	QPSK	22.29	22.52	22.38	23.30
1.4	1	LOW	Q16	22.83	23.01	22.69	23.30
		MID	Q16	22.91	23.20	22.94	23.30
		HIGH	Q16	22.77	23.15	22.70	23.30
	3	LOW	Q16	22.90	23.02	22.91	23.30
		MID	Q16	22.89	23.14	22.96	23.30
		HIGH	Q16	22.79	22.95	22.67	23.30
	6	LOW	Q16	21.32	21.58	21.41	22.30
1.4	1	LOW	64QAM	21.74	22.16	21.58	22.30
		MID	64QAM	22.01	21.91	21.62	22.30
		HIGH	64QAM	22.04	21.86	21.73	22.30
	3	LOW	64QAM	21.87	22.09	21.67	22.30
		MID	64QAM	22.03	21.90	21.76	22.30
		HIGH	64QAM	22.01	21.76	21.71	22.30
	6	LOW	64QAM	20.45	20.57	20.44	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.52	23.38	23.54	24.30
		MID	QPSK	23.39	23.36	23.29	24.30
		HIGH	QPSK	23.52	23.37	23.46	24.30
	8	LOW	QPSK	22.47	22.69	22.61	23.30
		MID	QPSK	22.52	22.35	22.35	23.30
		HIGH	QPSK	22.39	22.58	22.55	23.30
	15	LOW	QPSK	22.59	22.63	22.28	23.30
3	1	LOW	Q16	22.93	22.94	22.69	23.30
		MID	Q16	22.96	23.03	22.83	23.30
		HIGH	Q16	22.85	22.91	22.61	23.30
	8	LOW	Q16	21.39	21.66	21.40	22.30
		MID	Q16	21.33	21.51	21.44	22.30
		HIGH	Q16	21.56	21.41	21.45	22.30
	15	LOW	Q16	21.31	21.57	21.24	22.30
3	1	LOW	64QAM	21.76	21.92	21.53	22.30
		MID	64QAM	21.76	21.98	21.86	22.30
		HIGH	64QAM	21.85	22.01	21.72	22.30
	8	LOW	64QAM	20.27	20.56	20.60	21.30
		MID	64QAM	20.39	20.46	20.52	21.30
		HIGH	64QAM	20.50	20.48	20.53	21.30
	15	LOW	64QAM	20.34	20.52	20.31	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.60	23.53	24.30
		MID	QPSK	23.35	23.35	23.50	24.30
		HIGH	QPSK	23.26	23.53	23.32	24.30
	36	LOW	QPSK	22.36	22.47	22.35	23.30
		MID	QPSK	22.44	22.34	22.34	23.30
		HIGH	QPSK	22.57	22.49	22.41	23.30
	75	LOW	QPSK	22.53	22.60	22.42	23.30
5	1	LOW	Q16	22.75	23.12	22.90	23.30
		MID	Q16	23.01	23.09	22.89	23.30
		HIGH	Q16	22.72	22.90	22.69	23.30
	36	LOW	Q16	21.28	21.53	21.45	22.30
		MID	Q16	21.48	21.48	21.36	22.30
		HIGH	Q16	21.41	21.50	21.56	22.30
	75	LOW	Q16	21.28	21.35	21.34	22.30
5	1	LOW	64QAM	21.91	21.89	21.73	22.30
		MID	64QAM	22.05	21.95	21.65	22.30
		HIGH	64QAM	21.91	21.97	21.63	22.30
	36	LOW	64QAM	20.25	20.43	20.40	21.30
		MID	64QAM	20.40	20.66	20.36	21.30
		HIGH	64QAM	20.57	20.71	20.48	21.30
	75	LOW	64QAM	20.35	20.44	20.39	21.30

LTE B4-LEVEL2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.43	23.41	23.53	24.30
		MID	QPSK	23.45	23.50	23.44	24.30
		HIGH	QPSK	23.39	23.52	23.31	24.30
	50	LOW	QPSK	22.51	22.42	22.50	23.30
		MID	QPSK	22.52	22.56	22.43	23.30
		HIGH	QPSK	22.61	22.29	22.40	23.30
	100	LOW	QPSK	22.53	22.57	22.46	23.30
10	1	LOW	Q16	22.74	22.95	22.76	23.30
		MID	Q16	23.03	22.98	22.74	23.30
		HIGH	Q16	22.99	23.05	22.69	23.30
	50	LOW	Q16	21.43	21.63	21.40	22.30
		MID	Q16	21.50	21.47	21.38	22.30
		HIGH	Q16	21.37	21.55	21.49	22.30
	100	LOW	Q16	21.46	21.46	21.37	22.30
10	1	LOW	64QAM	21.86	22.10	21.68	22.30
		MID	64QAM	21.89	21.94	21.86	22.30
		HIGH	64QAM	21.93	21.97	21.76	22.30
	50	LOW	64QAM	20.26	20.52	20.46	21.30
		MID	64QAM	20.31	20.43	20.33	21.30
		HIGH	64QAM	20.50	20.56	20.32	21.30
	100	LOW	64QAM	20.34	20.56	20.39	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.62	23.54	24.30
		MID	QPSK	23.48	23.52	23.38	24.30
		HIGH	QPSK	23.35	23.37	23.28	24.30
	36	LOW	QPSK	22.32	22.62	22.58	23.30
		MID	QPSK	22.45	22.57	22.31	23.30
		HIGH	QPSK	22.39	22.30	22.34	23.30
	75	LOW	QPSK	22.45	22.52	22.58	23.30
15	1	LOW	Q16	22.78	23.23	22.75	23.30
		MID	Q16	22.79	23.06	22.75	23.30
		HIGH	Q16	22.79	23.08	22.72	23.30
	36	LOW	Q16	21.32	21.43	21.31	22.30
		MID	Q16	21.35	21.36	21.26	22.30
		HIGH	Q16	21.59	21.56	21.48	22.30
	75	LOW	Q16	21.34	21.49	21.28	22.30
15	1	LOW	64QAM	21.74	21.96	21.70	22.30
		MID	64QAM	21.91	22.06	21.66	22.30
		HIGH	64QAM	22.07	21.97	21.72	22.30
	36	LOW	64QAM	20.37	20.29	20.61	21.30
		MID	64QAM	20.54	20.58	20.43	21.30
		HIGH	64QAM	20.53	20.58	20.44	21.30
	75	LOW	64QAM	20.27	20.56	20.50	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	**23.47**	23.45	24.30
		MID	QPSK	23.42	23.44	23.41	24.30
		HIGH	QPSK	23.39	23.40	23.39	24.30
	50	LOW	QPSK	22.41	**22.54**	22.46	23.30
		MID	QPSK	22.48	22.49	22.41	23.30
		HIGH	QPSK	22.49	22.43	22.42	23.30
	100	LOW	QPSK	22.44	22.48	22.43	23.30
20	1	LOW	Q16	22.89	23.08	22.82	23.30
		MID	Q16	22.88	23.10	22.81	23.30
		HIGH	Q16	22.85	23.01	22.73	23.30
	50	LOW	Q16	21.34	21.51	21.43	22.30
		MID	Q16	21.44	21.47	21.39	22.30
		HIGH	Q16	21.45	21.44	21.43	22.30
	100	LOW	Q16	21.42	21.47	21.39	22.30
20	1	LOW	64QAM	21.85	22.03	21.68	22.30
		MID	64QAM	21.91	21.97	21.76	22.30
		HIGH	64QAM	21.92	21.88	21.76	22.30
	50	LOW	64QAM	20.27	20.43	20.55	21.30
		MID	64QAM	20.41	20.58	20.44	21.30
		HIGH	64QAM	20.52	20.59	20.46	21.30
	100	LOW	64QAM	20.32	20.43	20.45	21.30

LTE B4-LEVEL 4-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.92	20.85	21.12	21.80
		MID	QPSK	20.96	20.94	20.99	21.80
		HIGH	QPSK	21.00	21.01	20.97	21.80
	3	LOW	QPSK	21.08	20.90	20.85	21.80
		MID	QPSK	20.87	20.96	21.08	21.80
		HIGH	QPSK	20.96	21.10	21.19	21.80
	6	LOW	QPSK	21.04	20.90	20.99	21.80
1.4	1	LOW	Q16	21.05	21.06	21.36	21.80
		MID	Q16	21.01	21.11	21.05	21.80
		HIGH	Q16	21.28	21.01	21.00	21.80
	3	LOW	Q16	20.91	21.09	21.38	21.80
		MID	Q16	21.40	20.96	21.08	21.80
		HIGH	Q16	20.98	21.04	21.18	21.80
	6	LOW	Q16	20.82	20.99	21.02	21.80
1.4	1	LOW	64QAM	21.34	21.31	21.25	21.80
		MID	64QAM	21.32	21.07	21.03	21.80
		HIGH	64QAM	20.96	21.25	21.29	21.80
	3	LOW	64QAM	20.95	21.00	21.02	21.80
		MID	64QAM	21.02	21.01	21.36	21.80
		HIGH	64QAM	21.22	21.19	21.27	21.80
	6	LOW	64QAM	20.41	20.56	20.62	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	21.10	20.79	20.82	21.80
		MID	QPSK	20.75	20.94	20.99	21.80
		HIGH	QPSK	20.81	21.16	21.09	21.80
	8	LOW	QPSK	20.73	21.11	20.88	21.80
		MID	QPSK	21.08	20.96	21.19	21.80
		HIGH	QPSK	20.90	21.00	21.24	21.80
	15	LOW	QPSK	20.85	21.12	21.11	21.80
3	1	LOW	Q16	21.39	21.10	21.38	21.80
		MID	Q16	20.91	21.17	21.17	21.80
		HIGH	Q16	20.93	21.05	21.19	21.80
	8	LOW	Q16	20.79	20.88	21.03	21.80
		MID	Q16	21.06	20.89	20.97	21.80
		HIGH	Q16	20.90	21.17	21.00	21.80
	15	LOW	Q16	20.99	21.09	21.03	21.80
3	1	LOW	64QAM	21.10	21.30	21.35	21.80
		MID	64QAM	21.06	21.40	21.34	21.80
		HIGH	64QAM	21.25	21.20	21.02	21.80
	8	LOW	64QAM	20.61	20.37	20.64	21.30
		MID	64QAM	20.39	20.53	20.48	21.30
		HIGH	64QAM	20.61	20.56	20.70	21.30
	15	LOW	64QAM	20.45	20.67	20.62	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.88	20.87	21.10	21.80
		MID	QPSK	21.03	20.96	20.93	21.80
		HIGH	QPSK	21.02	20.93	21.06	21.80
	36	LOW	QPSK	20.83	20.85	21.13	21.80
		MID	QPSK	21.06	20.82	20.97	21.80
		HIGH	QPSK	20.88	20.93	21.15	21.80
	75	LOW	QPSK	20.79	21.15	21.15	21.80
5	1	LOW	Q16	21.35	21.25	21.11	21.80
		MID	Q16	21.17	21.12	21.32	21.80
		HIGH	Q16	21.16	21.12	21.34	21.80
	36	LOW	Q16	20.78	20.90	21.20	21.80
		MID	Q16	21.11	21.16	21.24	21.80
		HIGH	Q16	21.12	21.20	21.01	21.80
	75	LOW	Q16	20.85	21.19	21.13	21.80
5	1	LOW	64QAM	21.29	21.30	21.17	21.80
		MID	64QAM	21.15	21.34	21.33	21.80
		HIGH	64QAM	21.13	21.14	21.39	21.80
	36	LOW	64QAM	20.38	20.33	20.48	21.30
		MID	64QAM	20.51	20.67	20.61	21.30
		HIGH	64QAM	20.63	20.63	20.65	21.30
	75	LOW	64QAM	20.33	20.64	20.61	21.30

LTE B4-LEVEL 4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.93	20.86	20.94	21.80
		MID	QPSK	21.01	21.04	20.90	21.80
		HIGH	QPSK	20.96	21.02	21.19	21.80
	50	LOW	QPSK	20.90	21.04	21.02	21.80
		MID	QPSK	21.00	21.08	21.08	21.80
		HIGH	QPSK	21.06	20.99	21.10	21.80
	100	LOW	QPSK	20.89	21.04	21.07	21.80
10	1	LOW	Q16	21.28	21.17	21.11	21.80
		MID	Q16	21.21	21.17	21.36	21.80
		HIGH	Q16	21.17	21.40	21.13	21.80
	50	LOW	Q16	20.75	21.00	21.03	21.80
		MID	Q16	20.88	21.03	20.99	21.80
		HIGH	Q16	20.89	21.18	21.21	21.80
	100	LOW	Q16	20.93	21.21	21.16	21.80
10	1	LOW	64QAM	21.19	21.37	21.25	21.80
		MID	64QAM	21.30	21.30	21.30	21.80
		HIGH	64QAM	21.13	21.21	21.18	21.80
	50	LOW	64QAM	20.45	20.40	20.50	21.30
		MID	64QAM	20.39	20.73	20.41	21.30
		HIGH	64QAM	20.41	20.47	20.66	21.30
	100	LOW	64QAM	20.36	20.79	20.51	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	21.03	20.79	20.95	21.80
		MID	QPSK	20.99	20.87	20.92	21.80
		HIGH	QPSK	21.08	20.98	21.13	21.80
	36	LOW	QPSK	20.72	20.90	21.05	21.80
		MID	QPSK	20.83	21.02	20.90	21.80
		HIGH	QPSK	21.00	21.20	21.10	21.80
	75	LOW	QPSK	20.99	20.97	21.17	21.80
15	1	LOW	Q16	21.19	21.29	21.14	21.80
		MID	Q16	21.18	21.29	21.22	21.80
		HIGH	Q16	21.12	21.33	21.38	21.80
	36	LOW	Q16	20.70	21.12	20.99	21.80
		MID	Q16	20.85	21.02	20.95	21.80
		HIGH	Q16	20.88	21.05	21.01	21.80
	75	LOW	Q16	20.94	20.93	20.96	21.80
15	1	LOW	64QAM	21.11	21.32	21.19	21.80
		MID	64QAM	21.33	21.18	21.22	21.80
		HIGH	64QAM	21.38	21.28	21.32	21.80
	36	LOW	64QAM	20.35	20.29	20.44	21.30
		MID	64QAM	20.43	20.52	20.55	21.30
		HIGH	64QAM	20.55	20.73	20.63	21.30
	75	LOW	64QAM	20.39	20.85	20.33	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.96	20.88	20.97	21.80
		MID	QPSK	20.89	20.96	21.05	21.80
		HIGH	QPSK	20.96	21.05	**21.06**	21.80
	50	LOW	QPSK	20.84	20.97	21.03	21.80
		MID	QPSK	20.96	20.96	21.05	21.80
		HIGH	QPSK	20.98	21.06	**21.09**	21.80
	100	LOW	QPSK	20.92	21.03	21.05	21.80
20	1	LOW	Q16	21.16	21.18	21.21	21.80
		MID	Q16	21.12	21.27	21.23	21.80
		HIGH	Q16	21.13	21.35	21.24	21.80
	50	LOW	Q16	20.85	21.01	21.08	21.80
		MID	Q16	20.97	21.02	21.09	21.80
		HIGH	Q16	20.98	21.11	21.11	21.80
	100	LOW	Q16	20.93	21.07	21.07	21.80
20	1	LOW	64QAM	21.17	21.13	21.37	21.80
		MID	64QAM	21.14	21.16	21.38	21.80
		HIGH	64QAM	21.32	21.36	21.39	21.80
	50	LOW	64QAM	20.49	20.43	20.54	21.30
		MID	64QAM	20.44	20.60	20.55	21.30
		HIGH	64QAM	20.56	20.60	20.58	21.30
	100	LOW	64QAM	20.45	20.71	20.47	21.30

LTE B4-LEVEL 5&6-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.27	19.26	19.07	19.80
		MID	QPSK	19.27	19.16	19.13	19.80
		HIGH	QPSK	19.38	19.36	19.17	19.80
	3	LOW	QPSK	19.15	19.01	19.19	19.80
		MID	QPSK	19.03	19.14	19.20	19.80
		HIGH	QPSK	19.11	19.35	19.38	19.80
	6	LOW	QPSK	19.28	19.29	19.30	19.80
1.4	1	LOW	Q16	19.64	19.67	19.68	19.80
		MID	Q16	19.47	19.64	19.54	19.80
		HIGH	Q16	19.57	19.45	19.48	19.80
	3	LOW	Q16	19.57	19.43	19.48	19.80
		MID	Q16	19.49	19.44	19.48	19.80
		HIGH	Q16	19.64	19.50	19.70	19.80
	6	LOW	Q16	19.11	19.18	19.41	19.80
1.4	1	LOW	64QAM	19.57	19.68	19.69	19.80
		MID	64QAM	19.65	19.68	19.68	19.80
		HIGH	64QAM	19.57	19.58	19.65	19.80
	3	LOW	64QAM	19.42	19.50	19.62	19.80
		MID	64QAM	19.59	19.41	19.65	19.80
		HIGH	64QAM	19.65	19.47	19.43	19.80
	6	LOW	64QAM	19.09	19.41	19.20	19.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.14	19.00	19.27	19.80
		MID	QPSK	19.04	19.20	19.28	19.80
		HIGH	QPSK	19.36	19.31	19.21	19.80
	8	LOW	QPSK	19.10	19.20	19.04	19.80
		MID	QPSK	19.18	19.23	19.28	19.80
		HIGH	QPSK	19.27	19.16	19.39	19.80
	15	LOW	QPSK	19.27	19.34	19.31	19.80
3	1	LOW	Q16	19.47	19.63	19.46	19.80
		MID	Q16	19.60	19.64	19.54	19.80
		HIGH	Q16	19.65	19.46	19.56	19.80
	8	LOW	Q16	19.17	19.29	19.35	19.80
		MID	Q16	19.25	19.26	19.38	19.80
		HIGH	Q16	19.19	19.36	19.39	19.80
	15	LOW	Q16	19.08	19.27	19.33	19.80
3	1	LOW	64QAM	19.50	19.45	19.45	19.80
		MID	64QAM	19.55	19.41	19.65	19.80
		HIGH	64QAM	19.65	19.50	19.58	19.80
	8	LOW	64QAM	19.23	19.24	19.25	19.80
		MID	64QAM	19.34	19.20	19.29	19.80
		HIGH	64QAM	19.11	19.36	19.18	19.80
	15	LOW	64QAM	19.25	19.22	19.07	19.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.19	19.18	19.36	19.80
		MID	QPSK	19.26	19.12	19.17	19.80
		HIGH	QPSK	19.25	19.16	19.41	19.80
	36	LOW	QPSK	19.07	19.23	19.16	19.80
		MID	QPSK	19.16	19.35	19.14	19.80
		HIGH	QPSK	19.13	19.28	19.14	19.80
	75	LOW	QPSK	19.31	19.11	19.30	19.80
5	1	LOW	Q16	19.56	19.59	19.58	19.80
		MID	Q16	19.54	19.48	19.54	19.80
		HIGH	Q16	19.64	19.43	19.49	19.80
	36	LOW	Q16	18.97	19.25	19.20	19.80
		MID	Q16	19.20	19.36	19.19	19.80
		HIGH	Q16	19.37	19.38	19.35	19.80
	75	LOW	Q16	19.11	19.15	19.37	19.80
5	1	LOW	64QAM	19.45	19.47	19.69	19.80
		MID	64QAM	19.46	19.48	19.46	19.80
		HIGH	64QAM	19.45	19.68	19.63	19.80
	36	LOW	64QAM	18.98	19.39	19.37	19.80
		MID	64QAM	19.27	19.26	19.16	19.80
		HIGH	64QAM	19.19	19.40	19.32	19.80
	75	LOW	64QAM	19.03	19.26	19.10	19.80

LTE B4-LEVEL 5&6- -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.23	19.03	19.08	19.80
		MID	QPSK	19.22	19.05	19.27	19.80
		HIGH	QPSK	19.37	19.24	19.33	19.80
	50	LOW	QPSK	18.92	19.32	19.21	19.80
		MID	QPSK	19.34	19.19	19.16	19.80
		HIGH	QPSK	19.14	19.08	19.22	19.80
	100	LOW	QPSK	19.11	19.18	19.28	19.80
10	1	LOW	Q16	19.46	19.44	19.62	19.80
		MID	Q16	19.56	19.44	19.62	19.80
		HIGH	Q16	19.67	19.66	19.59	19.80
	50	LOW	Q16	18.91	19.19	19.08	19.80
		MID	Q16	19.22	19.31	19.11	19.80
		HIGH	Q16	19.17	19.14	19.28	19.80
	100	LOW	Q16	19.14	19.15	19.39	19.80
10	1	LOW	64QAM	19.66	19.48	19.68	19.80
		MID	64QAM	19.42	19.63	19.57	19.80
		HIGH	64QAM	19.70	19.66	19.61	19.80
	50	LOW	64QAM	19.23	19.32	19.26	19.80
		MID	64QAM	19.15	19.09	19.04	19.80
		HIGH	64QAM	18.98	19.24	19.32	19.80
	100	LOW	64QAM	19.08	19.43	19.05	19.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.07	19.03	19.25	19.80
		MID	QPSK	19.16	19.25	19.24	19.80
		HIGH	QPSK	19.19	19.13	19.38	19.80
	36	LOW	QPSK	19.01	19.38	19.29	19.80
		MID	QPSK	19.23	19.07	19.15	19.80
		HIGH	QPSK	19.31	19.23	19.13	19.80
	75	LOW	QPSK	19.24	19.19	19.32	19.80
15	1	LOW	Q16	19.41	19.60	19.50	19.80
		MID	Q16	19.60	19.70	19.70	19.80
		HIGH	Q16	19.59	19.69	19.65	19.80
	36	LOW	Q16	19.08	19.23	19.11	19.80
		MID	Q16	19.21	19.21	19.35	19.80
		HIGH	Q16	19.10	19.11	19.28	19.80
	75	LOW	Q16	19.30	19.37	19.23	19.80
15	1	LOW	64QAM	19.66	19.62	19.45	19.80
		MID	64QAM	19.46	19.65	19.50	19.80
		HIGH	64QAM	19.67	19.28	19.66	19.80
	36	LOW	64QAM	19.11	19.24	19.32	19.80
		MID	64QAM	19.23	18.97	19.05	19.80
		HIGH	64QAM	19.18	19.32	19.35	19.80
	75	LOW	64QAM	19.09	19.37	19.03	19.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.18	19.15	19.22	19.80
		MID	QPSK	19.17	19.16	19.23	19.80
		HIGH	QPSK	19.25	19.23	**19.27**	19.80
	50	LOW	QPSK	19.07	19.24	19.19	19.80
		MID	QPSK	19.22	19.21	19.22	19.80
		HIGH	QPSK	**19.25**	19.20	**19.25**	19.80
	100	LOW	QPSK	19.17	19.22	19.21	19.80
20	1	LOW	Q16	19.61	19.41	19.65	19.80
		MID	Q16	19.56	19.46	19.66	19.80
		HIGH	Q16	19.68	19.48	19.66	19.80
	50	LOW	Q16	19.06	19.26	19.21	19.80
		MID	Q16	19.20	19.23	19.26	19.80
		HIGH	Q16	19.22	19.26	19.28	19.80
	100	LOW	Q16	19.16	19.25	19.26	19.80
20	1	LOW	64QAM	19.64	19.47	19.66	19.80
		MID	64QAM	19.69	19.46	19.47	19.80
		HIGH	64QAM	19.50	19.47	19.44	19.80
	50	LOW	64QAM	19.09	19.26	19.33	19.80
		MID	64QAM	19.25	19.11	19.17	19.80
		HIGH	64QAM	19.11	19.34	19.25	19.80
	100	LOW	64QAM	19.16	19.30	19.11	19.80

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.36	23.48	23.62	24.80
		MID	QPSK	23.35	23.76	23.75	24.80
		HIGH	QPSK	23.56	23.77	23.89	24.80
	3	LOW	QPSK	23.36	23.52	23.62	24.80
		MID	QPSK	23.51	23.74	23.74	24.80
		HIGH	QPSK	23.43	23.65	23.87	24.80
	6	LOW	QPSK	22.62	22.67	22.61	23.80
1.4	1	LOW	Q16	22.41	22.88	22.69	23.80
		MID	Q16	22.28	23.10	22.72	23.80
		HIGH	Q16	22.56	23.18	22.84	23.80
	3	LOW	Q16	22.49	23.11	22.82	23.80
		MID	Q16	22.52	22.86	22.81	23.80
		HIGH	Q16	22.58	23.07	22.81	23.80
	6	LOW	Q16	21.55	21.74	21.61	22.80
1.4	1	LOW	64QAM	21.55	22.05	21.82	22.80
		MID	64QAM	21.58	22.05	21.83	22.80
		HIGH	64QAM	21.50	22.06	21.81	22.80
	3	LOW	64QAM	21.49	22.01	21.82	22.80
		MID	64QAM	21.47	22.09	21.91	22.80
		HIGH	64QAM	21.46	21.92	21.77	22.80
	6	LOW	64QAM	20.59	20.71	20.73	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.55	23.60	23.72	24.80
		MID	QPSK	23.47	23.73	23.71	24.80
		HIGH	QPSK	23.42	23.67	23.72	24.80
	8	LOW	QPSK	22.50	22.63	22.58	23.80
		MID	QPSK	22.44	22.50	22.78	23.80
		HIGH	QPSK	22.35	22.48	22.71	23.80
	15	LOW	QPSK	22.70	22.70	22.53	23.80
3	1	LOW	Q16	22.43	22.87	22.73	23.80
		MID	Q16	22.31	23.04	22.69	23.80
		HIGH	Q16	22.41	22.95	22.80	23.80
	8	LOW	Q16	21.52	21.71	21.55	22.80
		MID	Q16	21.56	21.50	21.61	22.80
		HIGH	Q16	21.36	21.82	21.80	22.80
	15	LOW	Q16	21.42	21.69	21.60	22.80
3	1	LOW	64QAM	21.48	22.13	21.90	22.80
		MID	64QAM	21.71	22.13	21.91	22.80
		HIGH	64QAM	21.52	22.16	21.77	22.80
	8	LOW	64QAM	20.46	20.80	20.74	21.80
		MID	64QAM	20.74	20.38	20.96	21.80
		HIGH	64QAM	20.54	20.61	20.74	21.80
	15	LOW	64QAM	20.57	20.60	20.85	21.80

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.71	23.52	24.80
		MID	QPSK	23.56	23.53	23.56	24.80
		HIGH	QPSK	23.48	23.64	23.67	24.80
	12	LOW	QPSK	22.58	22.65	22.64	23.80
		MID	QPSK	22.39	22.72	22.79	23.80
		HIGH	QPSK	22.41	22.55	22.55	23.80
	25	LOW	QPSK	22.51	22.49	22.80	23.80
5	1	LOW	Q16	22.50	22.92	22.67	23.80
		MID	Q16	22.32	22.95	22.86	23.80
		HIGH	Q16	22.58	23.11	22.93	23.80
	12	LOW	Q16	21.56	21.63	21.70	22.80
		MID	Q16	21.63	21.76	21.74	22.80
		HIGH	Q16	21.48	21.75	21.57	22.80
	25	LOW	Q16	21.57	21.54	21.64	22.80
5	1	LOW	64QAM	21.32	22.09	21.68	22.80
		MID	64QAM	21.46	21.92	21.68	22.80
		HIGH	64QAM	21.42	21.98	21.93	22.80
	12	LOW	64QAM	20.45	20.58	20.67	21.80
		MID	64QAM	20.50	20.47	20.84	21.80
		HIGH	64QAM	20.58	20.76	20.76	21.80
	25	LOW	64QAM	20.43	20.70	20.78	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.44	23.60	23.63	24.80
		MID	QPSK	23.49	23.62	23.68	24.80
		HIGH	QPSK	23.53	**23.76**	23.64	24.80
	25	LOW	QPSK	22.53	22.59	22.61	23.80
		MID	QPSK	22.51	**22.67**	22.57	23.80
		HIGH	QPSK	22.46	22.63	22.59	23.80
	50	LOW	QPSK	22.56	22.64	22.65	23.80
10	1	LOW	Q16	22.47	23.00	22.73	23.80
		MID	Q16	22.43	23.01	22.74	23.80
		HIGH	Q16	22.46	23.04	22.84	23.80
	25	LOW	Q16	21.61	21.61	21.68	22.80
		MID	Q16	21.58	21.62	21.75	22.80
		HIGH	Q16	21.51	21.73	21.69	22.80
	50	LOW	Q16	21.57	21.64	21.64	22.80
10	1	LOW	64QAM	21.43	22.05	21.78	22.80
		MID	64QAM	21.56	22.06	21.82	22.80
		HIGH	64QAM	21.53	22.06	21.88	22.80
	25	LOW	64QAM	20.53	20.68	20.81	21.80
		MID	64QAM	20.64	20.49	20.83	21.80
		HIGH	64QAM	20.65	20.66	20.79	21.80
	50	LOW	64QAM	20.48	20.62	20.76	21.80

LTE B5-LEVEL1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.61	20.52	20.47	21.80
		MID	QPSK	20.46	20.61	20.62	21.80
		HIGH	QPSK	20.51	20.63	20.63	21.80
	3	LOW	QPSK	20.41	20.64	20.52	21.80
		MID	QPSK	20.36	20.52	20.65	21.80
		HIGH	QPSK	20.65	20.49	20.86	21.80
	6	LOW	QPSK	20.52	20.77	20.63	21.80
1.4	1	LOW	Q16	20.51	21.06	20.83	21.80
		MID	Q16	20.54	20.97	20.76	21.80
		HIGH	Q16	20.55	20.96	20.92	21.80
	3	LOW	Q16	20.60	20.92	20.85	21.80
		MID	Q16	20.57	20.81	20.67	21.80
		HIGH	Q16	20.45	20.86	20.96	21.80
	6	LOW	Q16	20.79	20.77	20.81	21.80
1.4	1	LOW	64QAM	20.28	20.92	20.65	21.80
		MID	64QAM	20.55	21.07	20.78	21.80
		HIGH	64QAM	20.77	20.88	20.88	21.80
	3	LOW	64QAM	20.46	20.97	20.65	21.80
		MID	64QAM	20.49	21.05	20.58	21.80
		HIGH	64QAM	20.80	20.96	20.76	21.80
	6	LOW	64QAM	20.71	20.73	20.78	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	20.49	20.63	20.57	21.80
		MID	QPSK	20.38	20.57	20.76	21.80
		HIGH	QPSK	20.63	20.67	20.68	21.80
	8	LOW	QPSK	20.43	20.59	20.66	21.80
		MID	QPSK	20.59	20.47	20.72	21.80
		HIGH	QPSK	20.47	20.51	20.59	21.80
	15	LOW	QPSK	20.57	20.63	20.72	21.80
3	1	LOW	Q16	20.43	21.07	20.73	21.80
		MID	Q16	20.57	21.03	20.65	21.80
		HIGH	Q16	20.54	20.98	20.83	21.80
	8	LOW	Q16	20.83	20.75	20.56	21.80
		MID	Q16	20.63	20.57	20.89	21.80
		HIGH	Q16	20.46	20.63	20.77	21.80
	15	LOW	Q16	20.67	20.83	20.64	21.80
3	1	LOW	64QAM	20.27	20.86	20.84	21.80
		MID	64QAM	20.62	20.91	20.65	21.80
		HIGH	64QAM	20.72	20.84	20.69	21.80
	8	LOW	64QAM	20.73	20.63	20.78	21.80
		MID	64QAM	20.71	20.43	20.70	21.80
		HIGH	64QAM	20.35	20.57	20.72	21.80
	15	LOW	64QAM	20.89	20.75	20.68	21.80

LTE B5-LEVEL1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	20.51	20.67	20.52	21.80
		MID	QPSK	20.50	20.42	20.76	21.80
		HIGH	QPSK	20.42	20.72	20.60	21.80
	12	LOW	QPSK	20.66	20.48	20.62	21.80
		MID	QPSK	20.55	20.68	20.62	21.80
		HIGH	QPSK	20.56	20.59	20.70	21.80
	25	LOW	QPSK	20.58	20.72	20.45	21.80
5	1	LOW	Q16	20.37	20.82	20.56	21.80
		MID	Q16	20.43	20.87	20.80	21.80
		HIGH	Q16	20.42	21.00	20.72	21.80
	12	LOW	Q16	20.75	20.60	20.70	21.80
		MID	Q16	20.53	20.50	20.67	21.80
		HIGH	Q16	20.45	20.64	20.52	21.80
	25	LOW	Q16	20.56	20.69	20.61	21.80
5	1	LOW	64QAM	20.30	20.81	20.89	21.80
		MID	64QAM	20.57	21.06	20.67	21.80
		HIGH	64QAM	20.78	21.09	20.72	21.80
	12	LOW	64QAM	20.57	20.93	20.61	21.80
		MID	64QAM	20.78	20.44	20.84	21.80
		HIGH	64QAM	20.49	20.67	20.68	21.80
	25	LOW	64QAM	20.70	20.88	20.67	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	20.49	**20.73**	20.59	21.80
		MID	QPSK	20.50	20.56	20.65	21.80
		HIGH	QPSK	20.53	20.58	20.62	21.80
	25	LOW	QPSK	20.58	20.57	20.54	21.80
		MID	QPSK	20.55	20.54	20.65	21.80
		HIGH	QPSK	20.48	**20.66**	20.55	21.80
	50	LOW	QPSK	20.56	20.69	20.59	21.80
10	1	LOW	Q16	20.51	21.05	20.70	21.80
		MID	Q16	20.50	20.99	20.73	21.80
		HIGH	Q16	20.54	21.03	20.82	21.80
	25	LOW	Q16	20.68	20.64	20.69	21.80
		MID	Q16	20.67	20.65	20.77	21.80
		HIGH	Q16	20.54	20.74	20.66	21.80
	50	LOW	Q16	20.61	20.71	20.63	21.80
10	1	LOW	64QAM	20.36	20.99	20.79	21.80
		MID	64QAM	20.48	21.09	20.67	21.80
		HIGH	64QAM	20.67	20.83	20.75	21.80
	25	LOW	64QAM	20.64	20.78	20.70	21.80
		MID	64QAM	20.68	20.54	20.85	21.80
		HIGH	64QAM	20.44	20.69	20.67	21.80
	50	LOW	64QAM	20.74	20.73	20.76	21.80

LTE B5-LEVEL2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.95	18.91	19.05	20.30
		MID	QPSK	19.03	18.85	18.97	20.30
		HIGH	QPSK	18.95	19.12	19.14	20.30
	3	LOW	QPSK	18.89	19.13	18.90	20.30
		MID	QPSK	18.84	19.03	19.11	20.30
		HIGH	QPSK	18.80	19.19	19.23	20.30
	6	LOW	QPSK	19.12	19.10	19.01	20.30
1.4	1	LOW	Q16	19.11	19.25	19.26	20.30
		MID	Q16	19.06	19.45	19.18	20.30
		HIGH	Q16	19.05	19.50	19.39	20.30
	3	LOW	Q16	18.82	19.25	19.20	20.30
		MID	Q16	18.86	19.40	19.14	20.30
		HIGH	Q16	18.94	19.48	19.23	20.30
	6	LOW	Q16	18.97	18.99	19.18	20.30
1.4	1	LOW	64QAM	18.86	19.21	18.97	20.30
		MID	64QAM	18.71	19.39	19.14	20.30
		HIGH	64QAM	18.98	19.40	19.08	20.30
	3	LOW	64QAM	18.79	19.47	19.09	20.30
		MID	64QAM	18.69	19.15	19.04	20.30
		HIGH	64QAM	19.03	19.36	19.10	20.30
	6	LOW	64QAM	18.94	19.21	19.12	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	18.89	19.08	18.95	20.30
		MID	QPSK	18.80	18.86	19.16	20.30
		HIGH	QPSK	19.01	19.02	19.10	20.30
	8	LOW	QPSK	18.92	19.06	19.08	20.30
		MID	QPSK	19.09	19.09	19.22	20.30
		HIGH	QPSK	18.91	19.07	19.13	20.30
	15	LOW	QPSK	19.05	19.07	18.89	20.30
3	1	LOW	Q16	19.10	19.43	18.99	20.30
		MID	Q16	18.81	19.22	18.98	20.30
		HIGH	Q16	18.84	19.38	19.30	20.30
	8	LOW	Q16	19.15	19.20	19.03	20.30
		MID	Q16	19.01	19.12	19.29	20.30
		HIGH	Q16	19.07	19.19	19.01	20.30
	15	LOW	Q16	18.94	19.00	18.96	20.30
3	1	LOW	64QAM	18.86	19.33	18.96	20.30
		MID	64QAM	18.75	19.34	19.12	20.30
		HIGH	64QAM	18.88	19.36	19.23	20.30
	8	LOW	64QAM	19.15	19.24	18.96	20.30
		MID	64QAM	19.08	19.22	19.28	20.30
		HIGH	64QAM	18.81	19.18	19.12	20.30
	15	LOW	64QAM	18.74	18.92	18.94	20.30

LTE B5-LEVEL2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.03	19.07	19.14	20.30
		MID	QPSK	18.88	18.95	19.09	20.30
		HIGH	QPSK	19.03	18.96	19.12	20.30
	12	LOW	QPSK	18.91	18.88	18.85	20.30
		MID	QPSK	19.06	18.94	19.21	20.30
		HIGH	QPSK	19.01	19.06	19.13	20.30
	25	LOW	QPSK	19.13	19.03	18.88	20.30
5	1	LOW	Q16	18.89	19.42	18.98	20.30
		MID	Q16	18.90	19.22	19.11	20.30
		HIGH	Q16	19.02	19.33	19.23	20.30
	12	LOW	Q16	19.12	19.19	19.13	20.30
		MID	Q16	19.06	19.14	19.32	20.30
		HIGH	Q16	19.05	19.14	18.97	20.30
	25	LOW	Q16	18.89	19.05	19.13	20.30
5	1	LOW	64QAM	18.91	19.37	18.98	20.30
		MID	64QAM	18.94	19.25	19.26	20.30
		HIGH	64QAM	18.96	19.36	18.99	20.30
	12	LOW	64QAM	19.09	19.23	19.01	20.30
		MID	64QAM	19.08	19.31	19.10	20.30
		HIGH	64QAM	18.78	19.08	19.19	20.30
	25	LOW	64QAM	18.86	19.11	19.09	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	18.89	19.06	19.05	20.30
		MID	QPSK	18.93	18.99	19.07	20.30
		HIGH	QPSK	18.95	**19.19**	19.13	20.30
	25	LOW	QPSK	19.04	19.02	18.97	20.30
		MID	QPSK	19.00	19.00	19.10	20.30
		HIGH	QPSK	18.92	**19.11**	19.01	20.30
	50	LOW	QPSK	19.02	19.10	19.03	20.30
10	1	LOW	Q16	18.97	19.50	19.13	20.30
		MID	Q16	18.93	19.37	19.12	20.30
		HIGH	Q16	18.92	19.46	19.24	20.30
	25	LOW	Q16	19.10	19.07	19.11	20.30
		MID	Q16	19.04	19.06	19.22	20.30
		HIGH	Q16	18.96	19.18	19.12	20.30
	50	LOW	Q16	18.99	19.14	19.05	20.30
10	1	LOW	64QAM	18.87	19.33	19.05	20.30
		MID	64QAM	18.80	19.30	19.11	20.30
		HIGH	64QAM	18.95	19.36	19.11	20.30
	25	LOW	64QAM	19.02	19.13	19.05	20.30
		MID	64QAM	19.18	19.16	19.13	20.30
		HIGH	64QAM	18.86	19.03	19.13	20.30
	50	LOW	64QAM	18.89	19.02	19.07	20.30

LTE B5-LEVEL4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.91	23.29	23.02	24.30
		MID	QPSK	22.99	23.06	23.40	24.30
		HIGH	QPSK	22.94	23.07	23.28	24.30
	3	LOW	QPSK	23.16	23.22	23.27	24.30
		MID	QPSK	23.17	23.03	23.34	24.30
		HIGH	QPSK	23.03	23.31	23.41	24.30
	6	LOW	QPSK	22.71	22.71	22.82	23.80
1.4	1	LOW	Q16	22.68	23.00	22.80	23.80
		MID	Q16	22.42	23.04	22.82	23.80
		HIGH	Q16	22.58	23.26	22.80	23.80
	3	LOW	Q16	22.58	23.16	22.82	23.80
		MID	Q16	22.48	23.19	22.79	23.80
		HIGH	Q16	22.60	23.14	22.81	23.80
	6	LOW	Q16	21.74	21.66	21.76	22.80
1.4	1	LOW	64QAM	21.82	21.89	21.70	22.80
		MID	64QAM	21.52	21.83	21.78	22.80
		HIGH	64QAM	21.70	22.01	21.83	22.80
	3	LOW	64QAM	21.71	21.93	21.69	22.80
		MID	64QAM	21.57	21.87	21.89	22.80
		HIGH	64QAM	21.64	22.08	21.84	22.80
	6	LOW	64QAM	20.53	20.78	20.91	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.08	23.24	23.05	24.30
		MID	QPSK	23.07	23.21	23.34	24.30
		HIGH	QPSK	23.24	23.25	23.24	24.30
	8	LOW	QPSK	22.71	22.65	22.64	23.80
		MID	QPSK	22.54	22.67	22.85	23.80
		HIGH	QPSK	22.69	22.62	22.64	23.80
	15	LOW	QPSK	22.76	22.86	22.54	23.80
3	1	LOW	Q16	22.63	23.00	22.90	23.80
		MID	Q16	22.71	23.03	22.88	23.80
		HIGH	Q16	22.57	23.23	22.93	23.80
	8	LOW	Q16	21.59	21.67	21.83	22.80
		MID	Q16	21.65	21.76	21.73	22.80
		HIGH	Q16	21.72	21.97	21.76	22.80
	15	LOW	Q16	21.72	21.80	21.65	22.80
3	1	LOW	64QAM	21.53	21.85	21.56	22.80
		MID	64QAM	21.69	21.82	21.85	22.80
		HIGH	64QAM	21.67	21.94	21.73	22.80
	8	LOW	64QAM	20.70	20.77	20.79	21.80
		MID	64QAM	20.73	20.68	20.98	21.80
		HIGH	64QAM	20.80	20.85	20.71	21.80
	15	LOW	64QAM	20.60	20.76	20.93	21.80

LTE B5-LEVEL4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.98	23.06	23.20	24.30
		MID	QPSK	23.11	23.15	23.11	24.30
		HIGH	QPSK	22.97	23.11	23.30	24.30
	12	LOW	QPSK	22.70	22.66	22.66	23.80
		MID	QPSK	22.48	22.50	22.71	23.80
		HIGH	QPSK	22.54	22.68	22.79	23.80
	25	LOW	QPSK	22.52	22.80	22.77	23.80
5	1	LOW	Q16	22.54	23.09	22.77	23.80
		MID	Q16	22.59	22.93	22.87	23.80
		HIGH	Q16	22.49	23.03	23.03	23.80
	12	LOW	Q16	21.64	21.84	21.83	22.80
		MID	Q16	21.55	21.80	21.98	22.80
		HIGH	Q16	21.60	21.75	21.60	22.80
	25	LOW	Q16	21.56	21.66	21.75	22.80
5	1	LOW	64QAM	21.71	21.95	21.57	22.80
		MID	64QAM	21.54	21.92	21.83	22.80
		HIGH	64QAM	21.49	22.00	21.73	22.80
	12	LOW	64QAM	20.51	20.72	20.78	21.80
		MID	64QAM	20.68	20.55	20.92	21.80
		HIGH	64QAM	20.85	20.85	20.54	21.80
	25	LOW	64QAM	20.59	20.62	20.70	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.03	23.20	23.17	24.30
		MID	QPSK	23.09	23.15	23.26	24.30
		HIGH	QPSK	23.09	**23.32**	23.24	24.30
	25	LOW	QPSK	22.68	22.65	22.62	23.80
		MID	QPSK	22.63	22.65	22.72	23.80
		HIGH	QPSK	22.57	**22.74**	22.66	23.80
	50	LOW	QPSK	22.67	22.78	22.68	23.80
10	1	LOW	Q16	22.57	23.10	22.84	23.80
		MID	Q16	22.56	23.06	22.82	23.80
		HIGH	Q16	22.56	23.14	22.90	23.80
	25	LOW	Q16	21.71	21.71	21.74	22.80
		MID	Q16	21.69	21.69	21.83	22.80
		HIGH	Q16	21.60	21.82	21.71	22.80
	50	LOW	Q16	21.66	21.76	21.69	22.80
10	1	LOW	64QAM	21.67	21.96	21.70	22.80
		MID	64QAM	21.59	21.93	21.78	22.80
		HIGH	64QAM	21.64	22.08	21.78	22.80
	25	LOW	64QAM	20.66	20.70	20.89	21.80
		MID	64QAM	20.81	20.63	20.93	21.80
		HIGH	64QAM	20.72	20.80	20.61	21.80
	50	LOW	64QAM	20.53	20.73	20.84	21.80

LTE B5-LEVEL5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.97	21.37	21.31	22.30
		MID	QPSK	21.16	21.29	21.26	22.30
		HIGH	QPSK	21.06	21.18	21.50	22.30
	3	LOW	QPSK	21.19	21.36	21.12	22.30
		MID	QPSK	21.13	21.09	21.27	22.30
		HIGH	QPSK	21.24	21.32	21.28	22.30
	6	LOW	QPSK	21.12	21.11	21.25	22.30
1.4	1	LOW	Q16	21.18	21.50	21.35	22.30
		MID	Q16	20.98	21.31	21.43	22.30
		HIGH	Q16	21.15	21.45	21.46	22.30
	3	LOW	Q16	20.96	21.44	21.32	22.30
		MID	Q16	20.97	21.34	21.32	22.30
		HIGH	Q16	21.20	21.33	21.32	22.30
	6	LOW	Q16	21.26	21.15	21.30	22.30
1.4	1	LOW	64QAM	20.83	21.32	21.14	22.30
		MID	64QAM	21.18	21.49	21.25	22.30
		HIGH	64QAM	21.04	21.60	21.56	22.30
	3	LOW	64QAM	20.89	21.55	21.10	22.30
		MID	64QAM	21.25	21.44	21.21	22.30
		HIGH	64QAM	20.91	21.45	21.54	22.30
	6	LOW	64QAM	20.91	20.89	20.80	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	20.92	21.10	21.13	22.30
		MID	QPSK	21.09	21.27	21.18	22.30
		HIGH	QPSK	20.95	21.24	21.24	22.30
	8	LOW	QPSK	21.05	21.15	21.14	22.30
		MID	QPSK	20.96	21.18	21.24	22.30
		HIGH	QPSK	21.20	21.19	21.07	22.30
	15	LOW	QPSK	21.15	21.19	21.25	22.30
3	1	LOW	Q16	21.16	21.47	21.22	22.30
		MID	Q16	21.12	21.51	21.30	22.30
		HIGH	Q16	21.16	21.33	21.31	22.30
	8	LOW	Q16	21.32	21.33	21.40	22.30
		MID	Q16	21.22	21.18	21.30	22.30
		HIGH	Q16	21.15	21.28	21.28	22.30
	15	LOW	Q16	21.10	21.21	21.29	22.30
3	1	LOW	64QAM	21.04	21.39	21.10	22.30
		MID	64QAM	21.12	21.51	21.35	22.30
		HIGH	64QAM	21.11	21.39	21.45	22.30
	8	LOW	64QAM	20.78	20.71	21.04	21.80
		MID	64QAM	20.74	20.74	20.65	21.80
		HIGH	64QAM	20.63	20.73	20.88	21.80
	15	LOW	64QAM	20.63	20.66	20.54	21.80

LTE B5-LEVEL5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	21.03	21.25	21.09	22.30
		MID	QPSK	21.13	21.12	21.11	22.30
		HIGH	QPSK	21.14	21.27	21.32	22.30
	12	LOW	QPSK	21.27	21.26	21.14	22.30
		MID	QPSK	21.22	21.18	21.28	22.30
		HIGH	QPSK	21.21	21.11	21.22	22.30
	25	LOW	QPSK	21.09	21.18	21.16	22.30
5	1	LOW	Q16	21.23	21.52	21.28	22.30
		MID	Q16	20.99	21.60	21.31	22.30
		HIGH	Q16	20.97	21.53	21.30	22.30
	12	LOW	Q16	21.24	21.25	21.29	22.30
		MID	Q16	21.26	21.17	21.48	22.30
		HIGH	Q16	21.06	21.45	21.37	22.30
	25	LOW	Q16	21.27	21.40	21.36	22.30
5	1	LOW	64QAM	21.04	21.39	21.24	22.30
		MID	64QAM	21.16	21.35	21.43	22.30
		HIGH	64QAM	20.97	21.49	21.33	22.30
	12	LOW	64QAM	20.67	20.80	20.76	21.80
		MID	64QAM	20.57	20.65	20.85	21.80
		HIGH	64QAM	20.76	20.67	20.79	21.80
	25	LOW	64QAM	20.63	20.84	20.53	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	21.06	**21.36**	21.18	22.30
		MID	QPSK	21.06	21.15	21.25	22.30
		HIGH	QPSK	21.09	21.24	21.32	22.30
	25	LOW	QPSK	21.15	21.15	21.16	22.30
		MID	QPSK	21.11	21.15	21.24	22.30
		HIGH	QPSK	21.07	**21.27**	21.16	22.30
	50	LOW	QPSK	21.16	21.25	21.18	22.30
10	1	LOW	Q16	21.11	21.35	21.31	22.30
		MID	Q16	21.07	21.58	21.31	22.30
		HIGH	Q16	21.12	21.36	21.44	22.30
	25	LOW	Q16	21.23	21.23	21.32	22.30
		MID	Q16	21.20	21.22	21.40	22.30
		HIGH	Q16	21.13	21.35	21.30	22.30
	50	LOW	Q16	21.19	21.28	21.21	22.30
10	1	LOW	64QAM	20.98	21.55	21.21	22.30
		MID	64QAM	21.15	21.59	21.28	22.30
		HIGH	64QAM	21.04	21.52	21.59	22.30
	25	LOW	64QAM	20.77	20.85	20.89	21.80
		MID	64QAM	20.71	20.63	20.77	21.80
		HIGH	64QAM	20.74	20.76	20.83	21.80
	50	LOW	64QAM	20.70	20.75	20.60	21.80

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.36	23.48	23.62	24.80
		MID	QPSK	23.35	23.76	23.75	24.80
		HIGH	QPSK	23.56	23.77	23.89	24.80
	3	LOW	QPSK	23.36	23.52	23.62	24.80
		MID	QPSK	23.51	23.74	23.74	24.80
		HIGH	QPSK	23.43	23.65	23.87	24.80
	6	LOW	QPSK	22.62	22.67	22.61	23.80
1.4	1	LOW	Q16	22.41	22.88	22.69	23.80
		MID	Q16	22.28	23.10	22.72	23.80
		HIGH	Q16	22.56	23.18	22.84	23.80
	3	LOW	Q16	22.49	23.11	22.82	23.80
		MID	Q16	22.52	22.86	22.81	23.80
		HIGH	Q16	22.58	23.07	22.81	23.80
	6	LOW	Q16	21.55	21.74	21.61	22.80
1.4	1	LOW	64QAM	21.55	22.05	21.82	22.80
		MID	64QAM	21.58	22.05	21.83	22.80
		HIGH	64QAM	21.50	22.06	21.81	22.80
	3	LOW	64QAM	21.49	22.01	21.82	22.80
		MID	64QAM	21.47	22.09	21.91	22.80
		HIGH	64QAM	21.46	21.92	21.77	22.80
	6	LOW	64QAM	20.59	20.71	20.73	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.55	23.60	23.72	24.80
		MID	QPSK	23.47	23.73	23.71	24.80
		HIGH	QPSK	23.42	23.67	23.72	24.80
	8	LOW	QPSK	22.50	22.63	22.58	23.80
		MID	QPSK	22.44	22.50	22.78	23.80
		HIGH	QPSK	22.35	22.48	22.71	23.80
	15	LOW	QPSK	22.70	22.70	22.53	23.80
3	1	LOW	Q16	22.43	22.87	22.73	23.80
		MID	Q16	22.31	23.04	22.69	23.80
		HIGH	Q16	22.41	22.95	22.80	23.80
	8	LOW	Q16	21.52	21.71	21.55	22.80
		MID	Q16	21.56	21.50	21.61	22.80
		HIGH	Q16	21.36	21.82	21.80	22.80
	15	LOW	Q16	21.42	21.69	21.60	22.80
3	1	LOW	64QAM	21.48	22.13	21.90	22.80
		MID	64QAM	21.71	22.13	21.91	22.80
		HIGH	64QAM	21.52	22.16	21.77	22.80
	8	LOW	64QAM	20.46	20.80	20.74	21.80
		MID	64QAM	20.74	20.38	20.96	21.80
		HIGH	64QAM	20.54	20.61	20.74	21.80
	15	LOW	64QAM	20.57	20.60	20.85	21.80

LTE B5-Full Power -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.71	23.52	24.80
		MID	QPSK	23.56	23.53	23.56	24.80
		HIGH	QPSK	23.48	23.64	23.67	24.80
	12	LOW	QPSK	22.58	22.65	22.64	23.80
		MID	QPSK	22.39	22.72	22.79	23.80
		HIGH	QPSK	22.41	22.55	22.55	23.80
	25	LOW	QPSK	22.51	22.49	22.80	23.80
5	1	LOW	Q16	22.50	22.92	22.67	23.80
		MID	Q16	22.32	22.95	22.86	23.80
		HIGH	Q16	22.58	23.11	22.93	23.80
	12	LOW	Q16	21.56	21.63	21.70	22.80
		MID	Q16	21.63	21.76	21.74	22.80
		HIGH	Q16	21.48	21.75	21.57	22.80
	25	LOW	Q16	21.57	21.54	21.64	22.80
5	1	LOW	64QAM	21.32	22.09	21.68	22.80
		MID	64QAM	21.46	21.92	21.68	22.80
		HIGH	64QAM	21.42	21.98	21.93	22.80
	12	LOW	64QAM	20.45	20.58	20.67	21.80
		MID	64QAM	20.50	20.47	20.84	21.80
		HIGH	64QAM	20.58	20.76	20.76	21.80
	25	LOW	64QAM	20.43	20.70	20.78	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.44	23.60	23.63	24.80
		MID	QPSK	23.49	23.62	23.68	24.80
		HIGH	QPSK	23.53	**23.76**	23.64	24.80
	25	LOW	QPSK	22.53	22.59	22.61	23.80
		MID	QPSK	22.51	**22.67**	22.57	23.80
		HIGH	QPSK	22.46	22.63	22.59	23.80
	50	LOW	QPSK	22.56	22.64	22.65	23.80
10	1	LOW	Q16	22.47	23.00	22.73	23.80
		MID	Q16	22.43	23.01	22.74	23.80
		HIGH	Q16	22.46	23.04	22.84	23.80
	25	LOW	Q16	21.61	21.61	21.68	22.80
		MID	Q16	21.58	21.62	21.75	22.80
		HIGH	Q16	21.51	21.73	21.69	22.80
	50	LOW	Q16	21.57	21.64	21.64	22.80
10	1	LOW	64QAM	21.43	22.05	21.78	22.80
		MID	64QAM	21.56	22.06	21.82	22.80
		HIGH	64QAM	21.53	22.06	21.88	22.80
	25	LOW	64QAM	20.53	20.68	20.81	21.80
		MID	64QAM	20.64	20.49	20.83	21.80
		HIGH	64QAM	20.65	20.66	20.79	21.80
	50	LOW	64QAM	20.48	20.62	20.76	21.80

LTE B5-LEVEL1 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.64	17.47	17.50	18.80
		MID	QPSK	17.33	17.42	17.53	18.80
		HIGH	QPSK	17.45	17.58	17.63	18.80
	3	LOW	QPSK	17.31	17.56	17.57	18.80
		MID	QPSK	17.20	17.53	17.71	18.80
		HIGH	QPSK	17.64	17.30	17.93	18.80
	6	LOW	QPSK	17.48	17.75	17.49	18.80
1.4	1	LOW	Q16	17.32	18.09	17.88	18.80
		MID	Q16	17.53	17.95	17.86	18.80
		HIGH	Q16	17.50	17.88	17.80	18.80
	3	LOW	Q16	17.74	18.04	17.78	18.80
		MID	Q16	17.55	17.71	17.55	18.80
		HIGH	Q16	17.31	17.90	17.77	18.80
	6	LOW	Q16	17.88	17.68	17.95	18.80
1.4	1	LOW	64QAM	17.16	17.81	17.63	18.80
		MID	64QAM	17.41	18.12	17.82	18.80
		HIGH	64QAM	17.75	17.71	17.86	18.80
	3	LOW	64QAM	17.36	18.03	17.78	18.80
		MID	64QAM	17.51	18.12	17.59	18.80
		HIGH	64QAM	17.71	18.01	17.70	18.80
	6	LOW	64QAM	17.56	17.67	17.63	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	17.41	17.72	17.54	18.80
		MID	QPSK	17.39	17.68	17.91	18.80
		HIGH	QPSK	17.52	17.77	17.70	18.80
	8	LOW	QPSK	17.52	17.62	17.58	18.80
		MID	QPSK	17.74	17.50	17.55	18.80
		HIGH	QPSK	17.36	17.40	17.43	18.80
	15	LOW	QPSK	17.66	17.77	17.76	18.80
3	1	LOW	Q16	17.39	18.19	17.54	18.80
		MID	Q16	17.53	18.09	17.56	18.80
		HIGH	Q16	17.67	17.98	17.71	18.80
	8	LOW	Q16	17.92	17.61	17.38	18.80
		MID	Q16	17.52	17.48	17.80	18.80
		HIGH	Q16	17.44	17.62	17.58	18.80
	15	LOW	Q16	17.82	17.75	17.77	18.80
3	1	LOW	64QAM	17.33	17.96	17.76	18.80
		MID	64QAM	17.67	17.80	17.75	18.80
		HIGH	64QAM	17.79	17.67	17.76	18.80
	8	LOW	64QAM	17.67	17.49	17.86	18.80
		MID	64QAM	17.58	17.29	17.51	18.80
		HIGH	64QAM	17.21	17.44	17.62	18.80
	15	LOW	64QAM	17.70	17.67	17.51	18.80

LTE B5-LEVEL1 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	17.36	17.56	17.38	18.80
		MID	QPSK	17.41	17.27	17.84	18.80
		HIGH	QPSK	17.40	17.82	17.41	18.80
	12	LOW	QPSK	17.78	17.53	17.61	18.80
		MID	QPSK	17.54	17.50	17.77	18.80
		HIGH	QPSK	17.65	17.60	17.51	18.80
	25	LOW	QPSK	17.62	17.61	17.46	18.80
5	1	LOW	Q16	17.43	17.86	17.71	18.80
		MID	Q16	17.32	17.80	17.89	18.80
		HIGH	Q16	17.24	18.07	17.64	18.80
	12	LOW	Q16	17.77	17.62	17.77	18.80
		MID	Q16	17.48	17.44	17.54	18.80
		HIGH	Q16	17.28	17.53	17.44	18.80
	25	LOW	Q16	17.48	17.75	17.63	18.80
5	1	LOW	64QAM	17.17	17.79	17.72	18.80
		MID	64QAM	17.57	17.89	17.56	18.80
		HIGH	64QAM	17.61	18.14	17.87	18.80
	12	LOW	64QAM	17.43	18.01	17.60	18.80
		MID	64QAM	17.67	17.47	17.77	18.80
		HIGH	64QAM	17.55	17.68	17.70	18.80
	25	LOW	64QAM	17.57	17.93	17.65	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	17.61	**17.78**	17.71	18.80
		MID	QPSK	17.37	17.44	17.75	18.80
		HIGH	QPSK	17.49	17.56	17.72	18.80
	25	LOW	QPSK	17.61	17.39	17.41	18.80
		MID	QPSK	17.49	17.37	17.62	18.80
		HIGH	QPSK	17.48	**17.79**	17.64	18.80
	50	LOW	QPSK	17.54	17.80	17.69	18.80
10	1	LOW	Q16	17.43	17.93	17.58	18.80
		MID	Q16	17.42	18.04	17.88	18.80
		HIGH	Q16	17.52	18.17	17.76	18.80
	25	LOW	Q16	17.71	17.46	17.69	18.80
		MID	Q16	17.80	17.74	17.87	18.80
		HIGH	Q16	17.65	17.80	17.73	18.80
	50	LOW	Q16	17.47	17.66	17.50	18.80
10	1	LOW	64QAM	17.19	17.92	17.75	18.80
		MID	64QAM	17.41	18.07	17.82	18.80
		HIGH	64QAM	17.58	17.72	17.73	18.80
	25	LOW	64QAM	17.52	17.64	17.60	18.80
		MID	64QAM	17.54	17.55	17.98	18.80
		HIGH	64QAM	17.28	17.61	17.81	18.80
	50	LOW	64QAM	17.89	17.54	17.61	18.80

LTE B5-LEVEL2&3 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.32	15.44	15.36	16.80
		MID	QPSK	15.39	15.41	15.36	16.80
		HIGH	QPSK	15.39	15.50	15.74	16.80
	3	LOW	QPSK	15.51	15.51	15.44	16.80
		MID	QPSK	15.27	15.56	15.75	16.80
		HIGH	QPSK	15.21	15.82	15.84	16.80
	6	LOW	QPSK	15.75	15.63	15.56	16.80
1.4	1	LOW	Q16	15.59	15.87	15.63	16.80
		MID	Q16	15.50	15.87	15.61	16.80
		HIGH	Q16	15.48	15.81	15.75	16.80
	3	LOW	Q16	15.43	15.56	15.80	16.80
		MID	Q16	15.51	15.78	15.57	16.80
		HIGH	Q16	15.36	15.82	15.79	16.80
	6	LOW	Q16	15.38	15.35	15.50	16.80
1.4	1	LOW	64QAM	15.46	15.60	15.30	16.80
		MID	64QAM	15.36	15.87	15.59	16.80
		HIGH	64QAM	15.30	15.82	15.53	16.80
	3	LOW	64QAM	15.23	16.02	15.59	16.80
		MID	64QAM	15.01	15.52	15.37	16.80
		HIGH	64QAM	15.53	15.79	15.52	16.80
	6	LOW	64QAM	15.48	15.70	15.51	16.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	15.36	15.48	15.36	16.80
		MID	QPSK	15.25	15.29	15.74	16.80
		HIGH	QPSK	15.33	15.43	15.42	16.80
	8	LOW	QPSK	15.54	15.49	15.55	16.80
		MID	QPSK	15.53	15.60	15.81	16.80
		HIGH	QPSK	15.55	15.53	15.74	16.80
	15	LOW	QPSK	15.40	15.60	15.21	16.80
3	1	LOW	Q16	15.47	16.06	15.48	16.80
		MID	Q16	15.35	15.71	15.32	16.80
		HIGH	Q16	15.26	15.80	15.83	16.80
	8	LOW	Q16	15.51	15.61	15.57	16.80
		MID	Q16	15.52	15.65	15.63	16.80
		HIGH	Q16	15.53	15.66	15.50	16.80
	15	LOW	Q16	15.35	15.39	15.30	16.80
3	1	LOW	64QAM	15.41	15.77	15.47	16.80
		MID	64QAM	15.21	15.96	15.44	16.80
		HIGH	64QAM	15.35	15.75	15.75	16.80
	8	LOW	64QAM	15.73	15.74	15.59	16.80
		MID	64QAM	15.44	15.54	15.81	16.80
		HIGH	64QAM	15.18	15.74	15.50	16.80
	15	LOW	64QAM	15.06	15.39	15.53	16.80

LTE B5-LEVEL2&3-Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	15.46	15.65	15.60	16.80
		MID	QPSK	15.47	15.51	15.68	16.80
		HIGH	QPSK	15.44	15.39	15.61	16.80
	12	LOW	QPSK	15.44	15.40	15.33	16.80
		MID	QPSK	15.54	15.37	15.61	16.80
		HIGH	QPSK	15.51	15.43	15.44	16.80
	25	LOW	QPSK	15.50	15.68	15.41	16.80
5	1	LOW	Q16	15.37	15.82	15.48	16.80
		MID	Q16	15.23	15.87	15.52	16.80
		HIGH	Q16	15.39	15.64	15.61	16.80
	12	LOW	Q16	15.55	15.56	15.77	16.80
		MID	Q16	15.63	15.54	15.93	16.80
		HIGH	Q16	15.39	15.77	15.33	16.80
	25	LOW	Q16	15.51	15.65	15.59	16.80
5	1	LOW	64QAM	15.53	15.91	15.49	16.80
		MID	64QAM	15.30	15.83	15.87	16.80
		HIGH	64QAM	15.41	15.91	15.37	16.80
	12	LOW	64QAM	15.67	15.77	15.65	16.80
		MID	64QAM	15.39	15.96	15.60	16.80
		HIGH	64QAM	15.31	15.49	15.63	16.80
	25	LOW	64QAM	15.41	15.67	15.59	16.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	15.26	15.63	15.69	16.80
		MID	QPSK	15.38	15.47	15.39	16.80
		HIGH	QPSK	15.59	**15.72**	15.61	16.80
	25	LOW	QPSK	15.39	15.49	15.57	16.80
		MID	QPSK	15.57	15.49	15.49	16.80
		HIGH	QPSK	15.50	**15.59**	15.52	16.80
	50	LOW	QPSK	15.46	15.70	15.68	16.80
10	1	LOW	Q16	15.36	15.99	15.57	16.80
		MID	Q16	15.56	15.81	15.64	16.80
		HIGH	Q16	15.33	16.01	15.67	16.80
	25	LOW	Q16	15.61	15.61	15.65	16.80
		MID	Q16	15.37	15.42	15.73	16.80
		HIGH	Q16	15.55	15.82	15.51	16.80
	50	LOW	Q16	15.64	15.53	15.49	16.80
10	1	LOW	64QAM	15.42	15.83	15.54	16.80
		MID	64QAM	15.40	15.75	15.59	16.80
		HIGH	64QAM	15.31	15.85	15.65	16.80
	25	LOW	64QAM	15.63	15.75	15.64	16.80
		MID	64QAM	15.61	15.68	15.64	16.80
		HIGH	64QAM	15.23	15.35	15.70	16.80
	50	LOW	64QAM	15.53	15.54	15.66	16.80

LTE B5-LEVEL4 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.97	21.37	21.31	22.30
		MID	QPSK	21.16	21.29	21.26	22.30
		HIGH	QPSK	21.06	21.18	21.50	22.30
	3	LOW	QPSK	21.19	21.36	21.12	22.30
		MID	QPSK	21.13	21.09	21.27	22.30
		HIGH	QPSK	21.24	21.32	21.28	22.30
	6	LOW	QPSK	21.12	21.11	21.25	22.30
1.4	1	LOW	Q16	21.18	21.50	21.35	22.30
		MID	Q16	20.98	21.31	21.43	22.30
		HIGH	Q16	21.15	21.45	21.46	22.30
	3	LOW	Q16	20.96	21.44	21.32	22.30
		MID	Q16	20.97	21.34	21.32	22.30
		HIGH	Q16	21.20	21.33	21.32	22.30
	6	LOW	Q16	21.26	21.15	21.30	22.30
1.4	1	LOW	64QAM	20.83	21.32	21.14	22.30
		MID	64QAM	21.18	21.49	21.25	22.30
		HIGH	64QAM	21.04	21.60	21.56	22.30
	3	LOW	64QAM	20.89	21.55	21.10	22.30
		MID	64QAM	21.25	21.44	21.21	22.30
		HIGH	64QAM	20.91	21.45	21.54	22.30
	6	LOW	64QAM	20.91	20.89	20.80	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	20.92	21.10	21.13	22.30
		MID	QPSK	21.09	21.27	21.18	22.30
		HIGH	QPSK	20.95	21.24	21.24	22.30
	8	LOW	QPSK	21.05	21.15	21.14	22.30
		MID	QPSK	20.96	21.18	21.24	22.30
		HIGH	QPSK	21.20	21.19	21.07	22.30
	15	LOW	QPSK	21.15	21.19	21.25	22.30
3	1	LOW	Q16	21.16	21.47	21.22	22.30
		MID	Q16	21.12	21.51	21.30	22.30
		HIGH	Q16	21.16	21.33	21.31	22.30
	8	LOW	Q16	21.32	21.33	21.40	22.30
		MID	Q16	21.22	21.18	21.30	22.30
		HIGH	Q16	21.15	21.28	21.28	22.30
	15	LOW	Q16	21.10	21.21	21.29	22.30
3	1	LOW	64QAM	21.04	21.39	21.10	22.30
		MID	64QAM	21.12	21.51	21.35	22.30
		HIGH	64QAM	21.11	21.39	21.45	22.30
	8	LOW	64QAM	20.78	20.71	21.04	21.80
		MID	64QAM	20.74	20.74	20.65	21.80
		HIGH	64QAM	20.63	20.73	20.88	21.80
	15	LOW	64QAM	20.63	20.66	20.54	21.80

LTE B5-LEVEL4 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	21.03	21.25	21.09	22.30
		MID	QPSK	21.13	21.12	21.11	22.30
		HIGH	QPSK	21.14	21.27	21.32	22.30
	12	LOW	QPSK	21.27	21.26	21.14	22.30
		MID	QPSK	21.22	21.18	21.28	22.30
		HIGH	QPSK	21.21	21.11	21.22	22.30
	25	LOW	QPSK	21.09	21.18	21.16	22.30
5	1	LOW	Q16	21.23	21.52	21.28	22.30
		MID	Q16	20.99	21.60	21.31	22.30
		HIGH	Q16	20.97	21.53	21.30	22.30
	12	LOW	Q16	21.24	21.25	21.29	22.30
		MID	Q16	21.26	21.17	21.48	22.30
		HIGH	Q16	21.06	21.45	21.37	22.30
	25	LOW	Q16	21.27	21.40	21.36	22.30
5	1	LOW	64QAM	21.04	21.39	21.24	22.30
		MID	64QAM	21.16	21.35	21.43	22.30
		HIGH	64QAM	20.97	21.49	21.33	22.30
	12	LOW	64QAM	20.67	20.80	20.76	21.80
		MID	64QAM	20.57	20.65	20.85	21.80
		HIGH	64QAM	20.76	20.67	20.79	21.80
	25	LOW	64QAM	20.63	20.84	20.53	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	21.06	**21.36**	21.18	22.30
		MID	QPSK	21.06	21.15	21.25	22.30
		HIGH	QPSK	21.09	21.24	21.32	22.30
	25	LOW	QPSK	21.15	21.15	21.16	22.30
		MID	QPSK	21.11	21.15	21.24	22.30
		HIGH	QPSK	21.07	**21.27**	21.16	22.30
	50	LOW	QPSK	21.16	21.25	21.18	22.30
10	1	LOW	Q16	21.11	21.35	21.31	22.30
		MID	Q16	21.07	21.58	21.31	22.30
		HIGH	Q16	21.12	21.36	21.44	22.30
	25	LOW	Q16	21.23	21.23	21.32	22.30
		MID	Q16	21.20	21.22	21.40	22.30
		HIGH	Q16	21.13	21.35	21.30	22.30
	50	LOW	Q16	21.19	21.28	21.21	22.30
10	1	LOW	64QAM	20.98	21.55	21.21	22.30
		MID	64QAM	21.15	21.59	21.28	22.30
		HIGH	64QAM	21.04	21.52	21.59	22.30
	25	LOW	64QAM	20.77	20.85	20.89	21.80
		MID	64QAM	20.71	20.63	20.77	21.80
		HIGH	64QAM	20.74	20.76	20.83	21.80
	50	LOW	64QAM	20.70	20.75	20.60	21.80

LTE B5-LEVEL5&6 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.10	16.89	17.09	18.30
		MID	QPSK	16.70	16.87	16.84	18.30
		HIGH	QPSK	16.79	16.97	17.28	18.30
	3	LOW	QPSK	16.87	17.18	17.20	18.30
		MID	QPSK	16.55	17.09	17.11	18.30
		HIGH	QPSK	17.29	16.76	17.33	18.30
	6	LOW	QPSK	17.09	17.40	17.04	18.30
1.4	1	LOW	Q16	16.89	17.50	17.22	18.30
		MID	Q16	16.91	17.29	17.42	18.30
		HIGH	Q16	16.96	17.28	17.30	18.30
	3	LOW	Q16	17.17	17.38	17.13	18.30
		MID	Q16	16.86	17.24	16.91	18.30
		HIGH	Q16	16.62	17.35	17.32	18.30
	6	LOW	Q16	17.50	17.08	17.45	18.30
1.4	1	LOW	64QAM	16.50	17.42	17.10	18.30
		MID	64QAM	17.05	17.48	17.36	18.30
		HIGH	64QAM	17.24	17.14	17.40	18.30
	3	LOW	64QAM	16.96	17.66	17.26	18.30
		MID	64QAM	17.12	17.44	16.98	18.30
		HIGH	64QAM	17.25	17.57	17.27	18.30
	6	LOW	64QAM	16.93	17.18	17.24	18.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	17.05	17.20	17.07	18.30
		MID	QPSK	16.99	17.18	17.28	18.30
		HIGH	QPSK	16.95	17.41	17.14	18.30
	8	LOW	QPSK	17.12	17.23	17.07	18.30
		MID	QPSK	17.35	16.81	17.15	18.30
		HIGH	QPSK	16.89	16.99	17.00	18.30
	15	LOW	QPSK	17.20	17.16	17.14	18.30
3	1	LOW	Q16	17.03	17.61	16.88	18.30
		MID	Q16	16.86	17.61	17.07	18.30
		HIGH	Q16	17.17	17.62	17.30	18.30
	8	LOW	Q16	17.27	17.14	16.97	18.30
		MID	Q16	17.09	16.84	17.19	18.30
		HIGH	Q16	16.80	17.01	17.20	18.30
	15	LOW	Q16	17.40	17.17	17.34	18.30
3	1	LOW	64QAM	16.75	17.29	17.16	18.30
		MID	64QAM	17.09	17.17	17.32	18.30
		HIGH	64QAM	17.30	17.09	17.37	18.30
	8	LOW	64QAM	17.00	16.89	17.17	18.30
		MID	64QAM	17.09	16.86	16.84	18.30
		HIGH	64QAM	16.54	16.87	16.96	18.30
	15	LOW	64QAM	17.33	17.03	16.82	18.30

LTE B5-LEVEL5&6 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	16.89	16.88	16.75	18.30
		MID	QPSK	17.02	16.60	17.49	18.30
		HIGH	QPSK	16.83	17.33	16.81	18.30
	12	LOW	QPSK	17.34	16.95	17.10	18.30
		MID	QPSK	17.09	17.02	17.13	18.30
		HIGH	QPSK	17.18	17.11	16.99	18.30
	25	LOW	QPSK	17.14	17.15	17.04	18.30
5	1	LOW	Q16	16.99	17.21	17.15	18.30
		MID	Q16	16.72	17.18	17.41	18.30
		HIGH	Q16	16.69	17.71	17.13	18.30
	12	LOW	Q16	17.22	17.27	17.39	18.30
		MID	Q16	17.03	16.88	17.18	18.30
		HIGH	Q16	16.59	17.02	17.08	18.30
	25	LOW	Q16	16.98	17.32	17.20	18.30
5	1	LOW	64QAM	16.61	17.16	17.30	18.30
		MID	64QAM	17.08	17.29	16.94	18.30
		HIGH	64QAM	17.14	17.48	17.18	18.30
	12	LOW	64QAM	16.89	17.60	17.24	18.30
		MID	64QAM	17.03	16.83	17.30	18.30
		HIGH	64QAM	16.90	17.08	17.13	18.30
	25	LOW	64QAM	17.12	17.25	17.25	18.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	17.25	**17.37**	17.16	18.30
		MID	QPSK	16.96	17.02	17.35	18.30
		HIGH	QPSK	16.99	17.07	17.28	18.30
	25	LOW	QPSK	17.06	16.82	16.92	18.30
		MID	QPSK	17.07	17.02	17.14	18.30
		HIGH	QPSK	16.90	**17.42**	17.20	18.30
	50	LOW	QPSK	16.89	17.35	17.15	18.30
10	1	LOW	Q16	16.86	17.26	17.06	18.30
		MID	Q16	17.04	17.46	17.24	18.30
		HIGH	Q16	17.17	17.79	17.14	18.30
	25	LOW	Q16	17.09	16.88	17.33	18.30
		MID	Q16	17.26	17.11	17.19	18.30
		HIGH	Q16	17.26	17.34	17.14	18.30
	50	LOW	Q16	17.08	17.07	16.99	18.30
10	1	LOW	64QAM	16.66	17.40	17.19	18.30
		MID	64QAM	16.76	17.67	17.20	18.30
		HIGH	64QAM	16.99	17.34	17.34	18.30
	25	LOW	64QAM	16.89	16.96	17.05	18.30
		MID	64QAM	16.90	16.91	17.51	18.30
		HIGH	64QAM	16.86	17.00	17.34	18.30
	50	LOW	64QAM	17.39	16.90	17.12	18.30

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

LTE B5-LEVEL1-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-LEVEL1-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

LTE B5-LEVEL2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-LEVEL2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

LTE B5-LEVEL4-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.08	23.11	23.35	24.20
		MID	QPSK	23.26	23.06	23.26	24.20
		HIGH	QPSK	23.11	23.36	23.19	24.20
	3	LOW	QPSK	23.14	23.39	23.27	24.20
		MID	QPSK	23.08	23.04	23.17	24.20
		HIGH	QPSK	23.08	23.37	23.23	24.20
	6	LOW	QPSK	22.78	22.66	22.54	23.70
1.4	1	LOW	Q16	22.46	23.21	22.92	23.70
		MID	Q16	22.69	23.27	22.83	23.70
		HIGH	Q16	22.74	23.12	23.02	23.70
	3	LOW	Q16	22.61	23.00	22.97	23.70
		MID	Q16	22.68	23.01	22.85	23.70
		HIGH	Q16	22.61	23.10	22.78	23.70
	6	LOW	Q16	21.68	21.85	21.87	22.70
1.4	1	LOW	64QAM	21.45	22.25	21.69	22.70
		MID	64QAM	21.69	22.01	21.67	22.70
		HIGH	64QAM	21.70	22.35	21.85	22.70
	3	LOW	64QAM	21.53	22.40	21.89	22.70
		MID	64QAM	21.82	22.16	21.86	22.70
		HIGH	64QAM	21.53	22.29	21.96	22.70
	6	LOW	64QAM	20.79	20.70	20.80	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.94	23.30	23.10	24.20
		MID	QPSK	23.08	23.25	23.38	24.20
		HIGH	QPSK	23.05	23.21	23.28	24.20
	8	LOW	QPSK	22.56	22.73	22.76	23.70
		MID	QPSK	22.58	22.78	22.86	23.70
		HIGH	QPSK	22.71	22.76	22.56	23.70
	15	LOW	QPSK	22.78	22.91	22.54	23.70
3	1	LOW	Q16	22.60	23.00	22.95	23.70
		MID	Q16	22.58	23.02	22.93	23.70
		HIGH	Q16	22.72	23.10	23.04	23.70
	8	LOW	Q16	21.89	21.70	21.84	22.70
		MID	Q16	21.75	21.59	21.71	22.70
		HIGH	Q16	21.72	21.72	21.85	22.70
	15	LOW	Q16	21.77	21.91	21.68	22.70
3	1	LOW	64QAM	21.51	22.40	21.68	22.70
		MID	64QAM	21.64	22.09	21.78	22.70
		HIGH	64QAM	21.62	22.21	21.87	22.70
	8	LOW	64QAM	20.99	20.83	20.73	21.70
		MID	64QAM	20.99	20.79	21.03	21.70
		HIGH	64QAM	20.82	20.90	20.86	21.70
	15	LOW	64QAM	20.74	20.71	20.72	21.70

LTE B5-LEVEL5-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.22	23.16	24.20
		MID	QPSK	23.18	23.14	23.30	24.20
		HIGH	QPSK	23.21	23.25	23.16	24.20
	12	LOW	QPSK	22.85	22.71	22.72	23.70
		MID	QPSK	22.61	22.73	22.84	23.70
		HIGH	QPSK	22.73	22.64	22.82	23.70
	25	LOW	QPSK	22.79	22.78	22.69	23.70
5	1	LOW	Q16	22.73	23.09	22.93	23.70
		MID	Q16	22.47	23.10	22.97	23.70
		HIGH	Q16	22.48	23.20	22.95	23.70
	12	LOW	Q16	21.89	21.64	21.65	22.70
		MID	Q16	21.79	21.82	21.74	22.70
		HIGH	Q16	21.57	21.77	21.91	22.70
	25	LOW	Q16	21.68	21.71	21.78	22.70
5	1	LOW	64QAM	21.52	22.32	21.80	22.70
		MID	64QAM	21.83	22.00	21.67	22.70
		HIGH	64QAM	21.61	22.17	22.02	22.70
	12	LOW	64QAM	20.83	20.97	20.67	21.70
		MID	64QAM	20.80	20.92	20.83	21.70
		HIGH	64QAM	20.76	20.76	20.89	21.70
	25	LOW	64QAM	20.75	20.63	20.77	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.09	23.24	23.22	24.20
		MID	QPSK	23.11	23.15	23.24	24.20
		HIGH	QPSK	23.15	**23.31**	23.26	24.20
	25	LOW	QPSK	22.71	22.74	22.63	23.70
		MID	QPSK	22.68	22.71	22.75	23.70
		HIGH	QPSK	22.60	**22.78**	22.67	23.70
	50	LOW	QPSK	22.68	22.79	22.69	23.70
10	1	LOW	Q16	22.59	23.15	22.84	23.70
		MID	Q16	22.58	23.12	22.87	23.70
		HIGH	Q16	22.59	23.20	22.89	23.70
	25	LOW	Q16	21.74	21.76	21.76	22.70
		MID	Q16	21.70	21.74	21.84	22.70
		HIGH	Q16	21.65	21.83	21.78	22.70
	50	LOW	Q16	21.67	21.82	21.70	22.70
10	1	LOW	64QAM	21.48	22.29	21.75	22.70
		MID	64QAM	21.68	22.05	21.73	22.70
		HIGH	64QAM	21.55	22.21	21.87	22.70
	25	LOW	64QAM	20.85	20.82	20.70	21.70
		MID	64QAM	20.84	20.79	20.98	21.70
		HIGH	64QAM	20.75	20.88	20.93	21.70
	50	LOW	64QAM	20.75	20.75	20.68	21.70

LTE B5-LEVEL 5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.04	21.25	21.16	22.20
		MID	QPSK	21.04	21.15	21.21	22.20
		HIGH	QPSK	21.02	21.27	21.43	22.20
	3	LOW	QPSK	21.23	21.20	21.25	22.20
		MID	QPSK	21.13	21.34	21.20	22.20
		HIGH	QPSK	21.20	21.12	21.49	22.20
	6	LOW	QPSK	21.34	21.18	21.21	22.20
1.4	1	LOW	Q16	21.23	21.68	21.39	22.20
		MID	Q16	21.24	21.54	21.39	22.20
		HIGH	Q16	21.25	21.55	21.46	22.20
	3	LOW	Q16	21.27	21.65	21.46	22.20
		MID	Q16	21.20	21.63	21.33	22.20
		HIGH	Q16	21.08	21.80	21.50	22.20
	6	LOW	Q16	21.39	21.16	21.24	22.20
1.4	1	LOW	64QAM	21.07	21.62	21.36	22.20
		MID	64QAM	20.87	21.54	21.37	22.20
		HIGH	64QAM	20.84	21.75	21.57	22.20
	3	LOW	64QAM	21.07	21.70	21.11	22.20
		MID	64QAM	21.15	21.52	21.26	22.20
		HIGH	64QAM	20.84	21.78	21.38	22.20
	6	LOW	64QAM	20.80	20.66	20.60	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	21.10	21.20	21.20	22.20
		MID	QPSK	20.97	21.07	21.31	22.20
		HIGH	QPSK	21.15	21.26	21.35	22.20
	8	LOW	QPSK	21.21	21.14	21.21	22.20
		MID	QPSK	21.22	21.36	21.37	22.20
		HIGH	QPSK	20.98	21.40	21.19	22.20
	15	LOW	QPSK	21.17	21.30	21.19	22.20
3	1	LOW	Q16	21.08	21.79	21.32	22.20
		MID	Q16	21.05	21.75	21.29	22.20
		HIGH	Q16	21.00	21.76	21.30	22.20
	8	LOW	Q16	21.22	21.29	21.16	22.20
		MID	Q16	21.23	21.14	21.23	22.20
		HIGH	Q16	21.20	21.39	21.24	22.20
	15	LOW	Q16	21.21	21.21	21.26	22.20
3	1	LOW	64QAM	20.98	21.84	21.26	22.20
		MID	64QAM	20.99	21.63	21.38	22.20
		HIGH	64QAM	20.98	21.78	21.35	22.20
	8	LOW	64QAM	20.68	20.84	20.53	21.70
		MID	64QAM	20.93	20.70	20.72	21.70
		HIGH	64QAM	20.78	20.89	20.75	21.70
	15	LOW	64QAM	20.65	20.90	20.67	21.70

LTE B5-LEVEL 5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	20.99	21.36	21.13	22.20
		MID	QPSK	20.96	21.21	21.09	22.20
		HIGH	QPSK	21.19	21.32	21.27	22.20
	12	LOW	QPSK	21.13	21.21	21.15	22.20
		MID	QPSK	21.06	21.19	21.33	22.20
		HIGH	QPSK	21.07	21.18	21.03	22.20
	25	LOW	QPSK	21.16	21.23	21.20	22.20
5	1	LOW	Q16	21.01	21.69	21.38	22.20
		MID	Q16	21.24	21.58	21.40	22.20
		HIGH	Q16	21.22	21.79	21.48	22.20
	12	LOW	Q16	21.25	21.14	21.25	22.20
		MID	Q16	21.32	21.23	21.44	22.20
		HIGH	Q16	21.06	21.38	21.11	22.20
	25	LOW	Q16	21.34	21.37	21.36	22.20
5	1	LOW	64QAM	21.10	21.63	21.31	22.20
		MID	64QAM	20.91	21.50	21.28	22.20
		HIGH	64QAM	20.92	21.65	21.61	22.20
	12	LOW	64QAM	20.58	20.72	20.51	21.70
		MID	64QAM	20.77	20.74	20.82	21.70
		HIGH	64QAM	20.77	20.79	20.82	21.70
	25	LOW	64QAM	20.71	21.00	20.68	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	21.08	21.28	21.24	22.20
		MID	QPSK	21.11	21.19	21.22	22.20
		HIGH	QPSK	21.14	**21.34**	21.29	22.20
	25	LOW	QPSK	21.18	21.22	21.13	22.20
		MID	QPSK	21.18	21.22	21.25	22.20
		HIGH	QPSK	21.06	**21.29**	21.14	22.20
	50	LOW	QPSK	21.21	21.30	21.20	22.20
10	1	LOW	Q16	21.14	21.69	21.32	22.20
		MID	Q16	21.11	21.60	21.31	22.20
		HIGH	Q16	21.12	21.69	21.41	22.20
	25	LOW	Q16	21.25	21.27	21.28	22.20
		MID	Q16	21.22	21.26	21.37	22.20
		HIGH	Q16	21.15	21.36	21.26	22.20
	50	LOW	Q16	21.22	21.34	21.22	22.20
10	1	LOW	64QAM	20.99	21.72	21.21	22.20
		MID	64QAM	21.01	21.54	21.32	22.20
		HIGH	64QAM	20.99	21.69	21.46	22.20
	25	LOW	64QAM	20.68	20.70	20.65	21.70
		MID	64QAM	20.78	20.69	20.84	21.70
		HIGH	64QAM	20.77	20.76	20.75	21.70
	50	LOW	64QAM	20.66	20.87	20.68	21.70

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-Full Power -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

LTE B5-LEVEL1-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-LEVEL1-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

LTE B5-LEVEL2&3-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-LEVEL2&3-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

LTE B5-LEVEL4-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-LEVEL5-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

LTE B5-LEVEL 5&6-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.66	23.74	23.82	24.70
		MID	QPSK	23.65	23.72	23.56	24.70
		HIGH	QPSK	23.68	23.68	23.73	24.70
	3	LOW	QPSK	23.76	23.72	23.77	24.70
		MID	QPSK	23.84	23.63	23.73	24.70
		HIGH	QPSK	23.63	23.58	23.73	24.70
	6	LOW	QPSK	22.68	22.86	22.45	23.70
1.4	1	LOW	Q16	22.64	23.03	22.71	23.70
		MID	Q16	22.76	22.98	22.81	23.70
		HIGH	Q16	22.49	23.11	22.77	23.70
	3	LOW	Q16	22.50	23.06	22.70	23.70
		MID	Q16	22.51	23.06	22.71	23.70
		HIGH	Q16	22.59	23.06	22.65	23.70
	6	LOW	Q16	21.62	21.84	21.57	22.70
1.4	1	LOW	64QAM	21.46	21.95	21.73	22.70
		MID	64QAM	21.68	21.86	21.56	22.70
		HIGH	64QAM	21.74	22.18	21.77	22.70
	3	LOW	64QAM	21.45	21.81	21.86	22.70
		MID	64QAM	21.52	21.99	21.61	22.70
		HIGH	64QAM	21.75	22.14	22.05	22.70
	6	LOW	64QAM	20.61	20.64	20.57	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.53	23.69	23.66	24.70
		MID	QPSK	23.68	23.77	23.56	24.70
		HIGH	QPSK	23.60	23.65	23.64	24.70
	8	LOW	QPSK	22.73	22.79	22.46	23.70
		MID	QPSK	22.76	22.63	22.78	23.70
		HIGH	QPSK	22.72	22.57	22.53	23.70
	15	LOW	QPSK	22.75	22.74	22.48	23.70
3	1	LOW	Q16	22.56	22.93	22.80	23.70
		MID	Q16	22.55	22.97	22.81	23.70
		HIGH	Q16	22.69	23.17	22.85	23.70
	8	LOW	Q16	21.71	21.79	21.67	22.70
		MID	Q16	21.83	21.78	21.79	22.70
		HIGH	Q16	21.74	21.67	21.63	22.70
	15	LOW	Q16	21.59	21.83	21.70	22.70
3	1	LOW	64QAM	21.40	21.97	21.92	22.70
		MID	64QAM	21.53	21.82	21.65	22.70
		HIGH	64QAM	21.48	22.03	21.85	22.70
	8	LOW	64QAM	20.80	20.54	20.68	21.70
		MID	64QAM	20.52	20.48	20.81	21.70
		HIGH	64QAM	20.71	20.74	20.69	21.70
	15	LOW	64QAM	20.56	20.72	20.58	21.70

LTE B5-LEVEL 5&6-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.72	23.72	24.70
		MID	QPSK	23.65	23.64	23.73	24.70
		HIGH	QPSK	23.85	23.78	23.74	24.70
	12	LOW	QPSK	22.60	22.76	22.57	23.70
		MID	QPSK	22.65	22.78	22.73	23.70
		HIGH	QPSK	22.75	22.60	22.64	23.70
	25	LOW	QPSK	22.64	22.79	22.49	23.70
5	1	LOW	Q16	22.49	23.07	22.82	23.70
		MID	Q16	22.59	22.94	22.81	23.70
		HIGH	Q16	22.64	23.16	22.76	23.70
	12	LOW	Q16	21.83	21.65	21.68	22.70
		MID	Q16	21.64	21.64	21.71	22.70
		HIGH	Q16	21.61	21.87	21.56	22.70
	25	LOW	Q16	21.54	21.71	21.46	22.70
5	1	LOW	64QAM	21.47	21.86	21.83	22.70
		MID	64QAM	21.67	21.84	21.64	22.70
		HIGH	64QAM	21.78	22.07	21.80	22.70
	12	LOW	64QAM	20.74	20.45	20.81	21.70
		MID	64QAM	20.68	20.56	20.79	21.70
		HIGH	64QAM	20.71	20.83	20.61	21.70
	25	LOW	64QAM	20.70	20.86	20.74	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.72	23.73	24.70
		MID	QPSK	23.73	23.73	23.65	24.70
		HIGH	QPSK	23.72	**23.78**	23.72	24.70
	25	LOW	QPSK	22.68	22.70	22.60	23.70
		MID	QPSK	22.68	22.67	22.67	23.70
		HIGH	QPSK	22.61	**22.71**	22.57	23.70
	50	LOW	QPSK	22.70	22.71	22.60	23.70
10	1	LOW	Q16	22.57	23.02	22.71	23.70
		MID	Q16	22.63	23.08	22.72	23.70
		HIGH	Q16	22.62	23.14	22.78	23.70
	25	LOW	Q16	21.71	21.69	21.68	22.70
		MID	Q16	21.72	21.70	21.73	22.70
		HIGH	Q16	21.63	21.73	21.66	22.70
	50	LOW	Q16	21.67	21.71	21.61	22.70
10	1	LOW	64QAM	21.44	21.96	21.79	22.70
		MID	64QAM	21.61	21.94	21.59	22.70
		HIGH	64QAM	21.63	22.07	21.92	22.70
	25	LOW	64QAM	20.76	20.60	20.68	21.70
		MID	64QAM	20.66	20.61	20.83	21.70
		HIGH	64QAM	20.69	20.77	20.59	21.70
	50	LOW	64QAM	20.63	20.79	20.61	21.70

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.85	22.86	22.74	23.70
		MID	QPSK	22.92	22.89	22.85	23.70
		HIGH	QPSK	22.70	22.75	22.92	23.70
	12	LOW	QPSK	21.95	22.05	21.92	22.70
		MID	QPSK	21.96	21.79	21.88	22.70
		HIGH	QPSK	21.76	22.02	21.93	22.70
	25	LOW	QPSK	21.99	21.98	21.84	22.70
5	1	LOW	Q16	22.55	22.00	22.42	22.70
		MID	Q16	22.32	22.20	22.23	22.70
		HIGH	Q16	22.39	22.26	22.42	22.70
	12	LOW	Q16	20.67	20.96	21.06	21.70
		MID	Q16	20.70	20.85	20.79	21.70
		HIGH	Q16	20.98	20.88	20.66	21.70
	25	LOW	Q16	20.79	20.97	20.97	21.70
5	1	LOW	64QAM	21.59	20.85	21.38	21.70
		MID	64QAM	21.16	21.01	21.22	21.70
		HIGH	64QAM	21.50	21.55	21.21	21.70
	12	LOW	64QAM	19.71	20.04	19.75	20.70
		MID	64QAM	19.82	20.03	19.87	20.70
		HIGH	64QAM	20.19	19.95	19.99	20.70
	25	LOW	64QAM	20.01	19.79	19.82	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.76	22.78	22.69	23.70
		MID	QPSK	22.87	22.90	22.95	23.70
		HIGH	QPSK	22.77	22.83	22.71	23.70
	25	LOW	QPSK	21.75	21.92	21.92	22.70
		MID	QPSK	21.91	21.83	21.79	22.70
		HIGH	QPSK	22.04	21.91	21.89	22.70
	50	LOW	QPSK	21.91	21.93	21.90	22.70
10	1	LOW	Q16	22.62	22.22	22.37	22.70
		MID	Q16	22.31	22.26	22.26	22.70
		HIGH	Q16	22.46	22.18	22.33	22.70
	25	LOW	Q16	20.75	20.96	21.06	21.70
		MID	Q16	20.89	20.86	20.95	21.70
		HIGH	Q16	20.79	20.91	20.71	21.70
	50	LOW	Q16	21.03	20.84	21.02	21.70
10	1	LOW	64QAM	21.38	20.87	21.42	21.70
		MID	64QAM	21.33	21.02	21.33	21.70
		HIGH	64QAM	21.58	21.38	21.37	21.70
	25	LOW	64QAM	19.72	20.00	19.96	20.70
		MID	64QAM	19.80	19.84	19.79	20.70
		HIGH	64QAM	19.95	19.89	19.83	20.70
	50	LOW	64QAM	19.85	19.97	19.96	20.70

LTE B7-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.73	22.85	22.92	23.70
		MID	QPSK	22.62	22.84	22.83	23.70
		HIGH	QPSK	22.75	23.04	22.94	23.70
	36	LOW	QPSK	21.88	22.05	21.92	22.70
		MID	QPSK	21.74	21.92	21.97	22.70
		HIGH	QPSK	21.98	21.87	21.89	22.70
	75	LOW	QPSK	21.83	21.98	21.89	22.70
15	1	LOW	Q16	22.62	22.02	22.39	22.70
		MID	Q16	22.38	22.20	22.36	22.70
		HIGH	Q16	22.49	22.21	22.17	22.70
	36	LOW	Q16	20.89	20.94	21.09	21.70
		MID	Q16	20.75	20.95	21.01	21.70
		HIGH	Q16	20.96	20.98	20.77	21.70
	75	LOW	Q16	20.88	20.86	20.77	21.70
15	1	LOW	64QAM	21.57	20.92	21.27	21.70
		MID	64QAM	21.30	21.20	21.08	21.70
		HIGH	64QAM	21.47	21.32	21.43	21.70
	36	LOW	64QAM	19.51	19.98	19.73	20.70
		MID	64QAM	19.98	19.77	19.77	20.70
		HIGH	64QAM	20.01	20.08	19.91	20.70
	75	LOW	64QAM	19.90	19.83	19.77	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.76	22.76	22.81	23.70
		MID	QPSK	22.77	22.85	22.86	23.70
		HIGH	QPSK	22.76	**22.90**	22.81	23.70
	50	LOW	QPSK	21.81	21.95	**22.03**	22.70
		MID	QPSK	21.84	21.87	21.93	22.70
		HIGH	QPSK	21.91	21.91	21.86	22.70
	100	LOW	QPSK	21.87	21.93	21.94	22.70
20	1	LOW	Q16	22.48	22.14	22.32	22.70
		MID	Q16	22.36	22.26	22.32	22.70
		HIGH	Q16	22.38	22.33	22.30	22.70
	50	LOW	Q16	20.79	20.96	20.96	21.70
		MID	Q16	20.84	20.87	20.89	21.70
		HIGH	Q16	20.92	20.89	20.81	21.70
	100	LOW	Q16	20.88	20.90	20.90	21.70
20	1	LOW	64QAM	21.44	20.99	21.33	21.70
		MID	64QAM	21.27	21.11	21.19	21.70
		HIGH	64QAM	21.45	21.42	21.31	21.70
	50	LOW	64QAM	19.65	20.09	19.87	20.70
		MID	64QAM	19.93	19.89	19.80	20.70
		HIGH	64QAM	20.06	19.95	19.92	20.70
	100	LOW	64QAM	19.89	19.90	19.87	20.70

LTE B7-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.73	15.65	15.27	16.20
		MID	QPSK	15.57	15.55	15.54	16.20
		HIGH	QPSK	15.61	15.70	15.58	16.20
	12	LOW	QPSK	15.61	15.72	15.74	16.20
		MID	QPSK	15.79	15.56	15.54	16.20
		HIGH	QPSK	15.83	15.65	15.72	16.20
	25	LOW	QPSK	15.59	15.65	15.53	16.20
5	1	LOW	Q16	15.75	15.86	15.94	16.20
		MID	Q16	15.82	15.92	15.90	16.20
		HIGH	Q16	15.77	15.73	15.85	16.20
	12	LOW	Q16	15.58	15.87	15.65	16.20
		MID	Q16	15.66	15.77	15.69	16.20
		HIGH	Q16	15.76	15.63	15.77	16.20
	25	LOW	Q16	15.75	15.81	15.57	16.20
5	1	LOW	64QAM	15.87	15.60	15.79	16.20
		MID	64QAM	15.95	16.11	15.88	16.20
		HIGH	64QAM	15.92	15.65	15.85	16.20
	12	LOW	64QAM	15.58	15.89	15.66	16.20
		MID	64QAM	15.58	15.68	15.43	16.20
		HIGH	64QAM	15.49	15.78	15.38	16.20
	25	LOW	64QAM	15.64	15.87	15.33	16.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.59	15.58	15.47	16.20
		MID	QPSK	15.61	15.70	15.67	16.20
		HIGH	QPSK	15.64	15.48	15.62	16.20
	25	LOW	QPSK	15.54	15.77	15.76	16.20
		MID	QPSK	15.69	15.56	15.70	16.20
		HIGH	QPSK	15.79	15.79	15.66	16.20
	50	LOW	QPSK	15.53	15.59	15.73	16.20
10	1	LOW	Q16	15.93	15.81	15.83	16.20
		MID	Q16	15.73	16.02	16.07	16.20
		HIGH	Q16	15.73	15.88	16.01	16.20
	25	LOW	Q16	15.40	15.59	15.76	16.20
		MID	Q16	15.72	15.73	15.53	16.20
		HIGH	Q16	15.73	15.67	15.71	16.20
	50	LOW	Q16	15.70	15.80	15.50	16.20
10	1	LOW	64QAM	15.95	15.83	15.89	16.20
		MID	64QAM	15.90	16.03	15.84	16.20
		HIGH	64QAM	15.83	15.77	15.80	16.20
	25	LOW	64QAM	15.55	15.91	15.60	16.20
		MID	64QAM	15.60	15.76	15.43	16.20
		HIGH	64QAM	15.53	15.72	15.67	16.20
	50	LOW	64QAM	15.69	15.92	15.57	16.20

LTE B7-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.64	15.67	15.32	16.20
		MID	QPSK	15.60	15.52	15.70	16.20
		HIGH	QPSK	15.66	15.65	15.44	16.20
	36	LOW	QPSK	15.42	15.85	15.60	16.20
		MID	QPSK	15.50	15.55	15.70	16.20
		HIGH	QPSK	15.69	15.65	15.62	16.20
	75	LOW	QPSK	15.77	15.80	15.53	16.20
15	1	LOW	Q16	15.93	15.76	15.82	16.20
		MID	Q16	15.83	15.95	16.02	16.20
		HIGH	Q16	15.95	15.79	15.94	16.20
	36	LOW	Q16	15.47	15.62	15.71	16.20
		MID	Q16	15.58	15.60	15.77	16.20
		HIGH	Q16	15.72	15.75	15.57	16.20
	75	LOW	Q16	15.70	15.74	15.52	16.20
15	1	LOW	64QAM	15.85	15.73	15.68	16.20
		MID	64QAM	15.90	15.89	16.00	16.20
		HIGH	64QAM	15.94	15.80	15.94	16.20
	36	LOW	64QAM	15.66	15.66	15.71	16.20
		MID	64QAM	15.65	15.88	15.66	16.20
		HIGH	64QAM	15.64	15.95	15.52	16.20
	75	LOW	64QAM	15.75	15.71	15.33	16.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.62	15.54	15.41	16.20
		MID	QPSK	15.65	**15.68**	15.58	16.20
		HIGH	QPSK	15.64	15.57	15.58	16.20
	50	LOW	QPSK	15.55	15.70	15.65	16.20
		MID	QPSK	15.64	15.62	15.57	16.20
		HIGH	QPSK	15.71	**15.72**	15.59	16.20
	100	LOW	QPSK	15.62	15.70	15.63	16.20
20	1	LOW	Q16	15.86	15.79	15.87	16.20
		MID	Q16	15.85	15.87	16.01	16.20
		HIGH	Q16	15.86	15.82	15.98	16.20
	50	LOW	Q16	15.53	15.73	15.70	16.20
		MID	Q16	15.62	15.68	15.63	16.20
		HIGH	Q16	15.68	15.77	15.63	16.20
	100	LOW	Q16	15.63	15.70	15.62	16.20
20	1	LOW	64QAM	15.83	15.69	15.80	16.20
		MID	64QAM	15.94	15.97	15.86	16.20
		HIGH	64QAM	15.90	15.70	15.92	16.20
	50	LOW	64QAM	15.53	15.81	15.68	16.20
		MID	64QAM	15.57	15.74	15.52	16.20
		HIGH	64QAM	15.64	15.84	15.52	16.20
	100	LOW	64QAM	15.77	15.79	15.47	16.20

LTE B7-LEVEL2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	14.15	14.03	13.92	14.70
		MID	QPSK	13.92	13.90	13.90	14.70
		HIGH	QPSK	14.07	13.96	13.99	14.70
	12	LOW	QPSK	14.07	14.17	13.99	14.70
		MID	QPSK	14.09	14.01	13.87	14.70
		HIGH	QPSK	14.16	14.03	13.93	14.70
	25	LOW	QPSK	14.11	14.08	13.97	14.70
5	1	LOW	Q16	14.44	14.47	14.29	14.70
		MID	Q16	14.65	14.28	14.57	14.70
		HIGH	Q16	14.56	14.41	14.45	14.70
	12	LOW	Q16	13.93	14.15	14.22	14.70
		MID	Q16	14.17	14.01	13.90	14.70
		HIGH	Q16	14.34	14.14	14.11	14.70
	25	LOW	Q16	13.92	14.15	14.10	14.70
5	1	LOW	64QAM	14.61	14.38	14.40	14.70
		MID	64QAM	14.57	14.41	14.56	14.70
		HIGH	64QAM	14.42	14.49	14.47	14.70
	12	LOW	64QAM	13.91	14.27	14.12	14.70
		MID	64QAM	14.12	13.97	13.94	14.70
		HIGH	64QAM	14.59	13.88	14.08	14.70
	25	LOW	64QAM	14.23	14.09	13.98	14.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	13.86	14.01	13.89	14.70
		MID	QPSK	14.09	13.94	14.04	14.70
		HIGH	QPSK	13.98	13.97	13.92	14.70
	25	LOW	QPSK	13.98	14.22	14.20	14.70
		MID	QPSK	13.94	14.01	14.00	14.70
		HIGH	QPSK	14.19	14.05	14.03	14.70
	50	LOW	QPSK	14.12	14.10	14.05	14.70
10	1	LOW	Q16	14.33	14.44	14.45	14.70
		MID	Q16	14.61	14.54	14.54	14.70
		HIGH	Q16	14.45	14.54	14.51	14.70
	25	LOW	Q16	13.89	14.13	14.01	14.70
		MID	Q16	14.17	14.08	13.85	14.70
		HIGH	Q16	14.35	14.02	14.04	14.70
	50	LOW	Q16	13.95	14.25	14.17	14.70
10	1	LOW	64QAM	14.52	14.52	14.23	14.70
		MID	64QAM	14.58	14.23	14.47	14.70
		HIGH	64QAM	14.49	14.36	14.62	14.70
	25	LOW	64QAM	13.73	14.26	13.84	14.70
		MID	64QAM	13.94	14.08	13.98	14.70
		HIGH	64QAM	14.51	14.05	14.26	14.70
	50	LOW	64QAM	14.22	14.16	13.96	14.70

LTE B7-LEVEL2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.12	13.92	13.88	14.70
		MID	QPSK	13.89	13.98	13.86	14.70
		HIGH	QPSK	14.07	13.85	13.92	14.70
	36	LOW	QPSK	13.83	14.04	13.95	14.70
		MID	QPSK	14.02	14.18	14.10	14.70
		HIGH	QPSK	14.02	14.24	13.95	14.70
	75	LOW	QPSK	13.92	14.13	13.93	14.70
15	1	LOW	Q16	14.56	14.45	14.33	14.70
		MID	Q16	14.59	14.48	14.58	14.70
		HIGH	Q16	14.33	14.54	14.49	14.70
	36	LOW	Q16	13.97	14.26	13.98	14.70
		MID	Q16	14.15	14.11	14.04	14.70
		HIGH	Q16	14.35	14.13	14.06	14.70
	75	LOW	Q16	14.18	14.10	13.88	14.70
15	1	LOW	64QAM	14.63	14.34	14.34	14.70
		MID	64QAM	14.61	14.22	14.48	14.70
		HIGH	64QAM	14.45	14.27	14.63	14.70
	36	LOW	64QAM	13.98	14.23	14.05	14.70
		MID	64QAM	14.03	14.02	13.96	14.70
		HIGH	64QAM	14.37	13.97	14.05	14.70
	75	LOW	64QAM	14.23	13.98	13.98	14.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	14.01	13.94	13.89	14.70
		MID	QPSK	14.02	13.99	13.94	14.70
		HIGH	QPSK	14.02	**14.03**	13.98	14.70
	50	LOW	QPSK	13.94	14.13	14.06	14.70
		MID	QPSK	14.06	14.10	14.00	14.70
		HIGH	QPSK	14.14	**14.16**	14.02	14.70
	100	LOW	QPSK	14.06	14.13	14.03	14.70
20	1	LOW	Q16	14.48	14.40	14.44	14.70
		MID	Q16	14.53	14.43	14.53	14.70
		HIGH	Q16	14.47	14.46	14.55	14.70
	50	LOW	Q16	14.00	14.11	14.11	14.70
		MID	Q16	14.07	14.05	13.98	14.70
		HIGH	Q16	14.35	14.13	14.03	14.70
	100	LOW	Q16	14.05	14.14	14.02	14.70
20	1	LOW	64QAM	14.53	14.42	14.37	14.70
		MID	64QAM	14.68	14.36	14.62	14.70
		HIGH	64QAM	14.43	14.37	14.61	14.70
	50	LOW	64QAM	13.85	14.16	13.97	14.70
		MID	64QAM	14.00	14.01	13.99	14.70
		HIGH	64QAM	14.45	14.03	14.16	14.70
	100	LOW	64QAM	14.10	14.09	14.05	14.70

LTE B7-LEVEL4 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.03	20.09	19.87	20.70
		MID	QPSK	20.10	19.83	19.90	20.70
		HIGH	QPSK	20.05	20.07	19.84	20.70
	12	LOW	QPSK	20.03	20.11	20.15	20.70
		MID	QPSK	20.09	19.82	19.94	20.70
		HIGH	QPSK	20.03	20.15	20.12	20.70
	25	LOW	QPSK	20.20	20.12	20.01	20.70
5	1	LOW	Q16	20.39	20.23	20.50	20.70
		MID	Q16	20.69	20.41	20.58	20.70
		HIGH	Q16	20.43	20.52	20.45	20.70
	12	LOW	Q16	19.90	20.09	20.04	20.70
		MID	Q16	19.96	20.04	20.03	20.70
		HIGH	Q16	20.24	20.18	20.09	20.70
	25	LOW	Q16	19.93	19.95	20.12	20.70
5	1	LOW	64QAM	20.40	20.58	20.62	20.70
		MID	64QAM	20.58	20.32	20.55	20.70
		HIGH	64QAM	20.58	20.37	20.63	20.70
	12	LOW	64QAM	20.09	20.00	19.97	20.70
		MID	64QAM	19.81	20.04	20.00	20.70
		HIGH	64QAM	20.34	19.95	20.04	20.70
	25	LOW	64QAM	20.00	20.20	20.06	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.16	19.95	19.95	20.70
		MID	QPSK	19.95	19.87	20.05	20.70
		HIGH	QPSK	19.92	19.95	19.84	20.70
	25	LOW	QPSK	20.04	20.23	20.07	20.70
		MID	QPSK	19.86	19.90	20.04	20.70
		HIGH	QPSK	20.13	20.01	20.18	20.70
	50	LOW	QPSK	19.99	20.15	20.12	20.70
10	1	LOW	Q16	20.32	20.42	20.69	20.70
		MID	Q16	20.62	20.40	20.65	20.70
		HIGH	Q16	20.34	20.54	20.45	20.70
	25	LOW	Q16	20.10	19.94	20.24	20.70
		MID	Q16	19.96	19.82	20.20	20.70
		HIGH	Q16	20.23	20.14	20.03	20.70
	50	LOW	Q16	19.98	19.99	20.01	20.70
10	1	LOW	64QAM	20.46	20.44	20.62	20.70
		MID	64QAM	20.62	20.48	20.67	20.70
		HIGH	64QAM	20.40	20.19	20.53	20.70
	25	LOW	64QAM	19.99	20.08	20.09	20.70
		MID	64QAM	19.96	20.01	20.07	20.70
		HIGH	64QAM	20.17	19.95	20.08	20.70
	50	LOW	64QAM	20.18	20.20	20.17	20.70

LTE B7-LEVEL4 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.99	20.07	19.95	20.70
		MID	QPSK	20.22	19.99	20.09	20.70
		HIGH	QPSK	20.13	20.08	20.10	20.70
	36	LOW	QPSK	19.89	20.05	20.12	20.70
		MID	QPSK	20.01	19.97	20.04	20.70
		HIGH	QPSK	20.10	20.14	20.14	20.70
	75	LOW	QPSK	20.01	20.15	20.04	20.70
15	1	LOW	Q16	20.44	20.26	20.65	20.70
		MID	Q16	20.65	20.45	20.52	20.70
		HIGH	Q16	20.43	20.38	20.50	20.70
	36	LOW	Q16	20.00	19.94	20.17	20.70
		MID	Q16	19.89	19.79	20.10	20.70
		HIGH	Q16	20.11	20.18	19.98	20.70
	75	LOW	Q16	20.12	19.95	20.01	20.70
15	1	LOW	64QAM	20.40	20.49	20.59	20.70
		MID	64QAM	20.36	20.21	20.68	20.70
		HIGH	64QAM	20.45	20.25	20.50	20.70
	36	LOW	64QAM	20.07	19.85	19.93	20.70
		MID	64QAM	19.85	20.11	20.00	20.70
		HIGH	64QAM	20.29	19.93	19.97	20.70
	75	LOW	64QAM	20.01	20.10	20.29	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.01	19.94	19.95	20.70
		MID	QPSK	**20.03**	**20.03**	19.97	20.70
		HIGH	QPSK	20.00	19.95	19.98	20.70
	50	LOW	QPSK	19.96	20.08	20.05	20.70
		MID	QPSK	19.98	19.97	20.02	20.70
		HIGH	QPSK	20.13	**20.16**	20.03	20.70
	100	LOW	QPSK	20.08	20.08	20.05	20.70
20	1	LOW	Q16	20.47	20.37	20.54	20.70
		MID	Q16	20.56	20.41	20.54	20.70
		HIGH	Q16	20.45	20.41	20.59	20.70
	50	LOW	Q16	20.03	20.06	20.09	20.70
		MID	Q16	20.01	19.94	20.05	20.70
		HIGH	Q16	20.16	20.03	20.08	20.70
	100	LOW	Q16	20.07	20.06	20.12	20.70
20	1	LOW	64QAM	20.47	20.43	20.58	20.70
		MID	64QAM	20.66	20.35	20.56	20.70
		HIGH	64QAM	20.50	20.29	20.62	20.70
	50	LOW	64QAM	20.07	19.97	19.98	20.70
		MID	64QAM	19.96	20.02	19.95	20.70
		HIGH	64QAM	20.25	19.96	19.94	20.70
	100	LOW	64QAM	20.06	20.09	20.21	20.70

LTE B7-LEVEL5&6 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.27	17.24	17.27	18.20
		MID	QPSK	17.37	17.14	17.27	18.20
		HIGH	QPSK	17.36	17.40	17.42	18.20
	12	LOW	QPSK	17.46	17.59	17.35	18.20
		MID	QPSK	17.46	17.39	17.40	18.20
		HIGH	QPSK	17.53	17.47	17.29	18.20
	25	LOW	QPSK	17.51	17.52	17.43	18.20
5	1	LOW	Q16	17.68	17.76	17.84	18.20
		MID	Q16	18.00	17.87	17.83	18.20
		HIGH	Q16	17.76	17.78	18.08	18.20
	12	LOW	Q16	17.36	17.41	17.64	18.20
		MID	Q16	17.49	17.20	17.55	18.20
		HIGH	Q16	17.57	17.28	17.55	18.20
	25	LOW	Q16	17.59	17.47	17.51	18.20
5	1	LOW	64QAM	18.08	17.98	17.83	18.20
		MID	64QAM	17.97	17.66	18.12	18.20
		HIGH	64QAM	17.57	17.99	18.00	18.20
	12	LOW	64QAM	17.47	17.68	17.30	18.20
		MID	64QAM	17.66	17.49	17.45	18.20
		HIGH	64QAM	17.46	17.41	17.56	18.20
	25	LOW	64QAM	17.59	17.71	17.47	18.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.26	17.24	17.35	18.20
		MID	QPSK	17.45	17.36	17.24	18.20
		HIGH	QPSK	17.36	17.27	17.45	18.20
	25	LOW	QPSK	17.48	17.34	17.43	18.20
		MID	QPSK	17.44	17.44	17.37	18.20
		HIGH	QPSK	17.51	17.60	17.51	18.20
	50	LOW	QPSK	17.32	17.40	17.61	18.20
10	1	LOW	Q16	17.70	17.94	18.00	18.20
		MID	Q16	17.91	17.70	18.00	18.20
		HIGH	Q16	17.63	17.90	17.96	18.20
	25	LOW	Q16	17.52	17.35	17.54	18.20
		MID	Q16	17.55	17.25	17.45	18.20
		HIGH	Q16	17.71	17.51	17.38	18.20
	50	LOW	Q16	17.58	17.39	17.61	18.20
10	1	LOW	64QAM	17.97	18.00	17.61	18.20
		MID	64QAM	17.91	17.69	17.96	18.20
		HIGH	64QAM	17.57	17.85	17.82	18.20
	25	LOW	64QAM	17.42	17.71	17.26	18.20
		MID	64QAM	17.50	17.33	17.52	18.20
		HIGH	64QAM	17.61	17.33	17.49	18.20
	50	LOW	64QAM	17.34	17.46	17.43	18.20

LTE B7-LEVEL5&6-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.42	17.42	17.44	18.20
		MID	QPSK	17.34	17.19	17.38	18.20
		HIGH	QPSK	17.31	17.33	17.38	18.20
	36	LOW	QPSK	17.32	17.42	17.41	18.20
		MID	QPSK	17.35	17.30	17.38	18.20
		HIGH	QPSK	17.49	17.40	17.33	18.20
	75	LOW	QPSK	17.38	17.56	17.44	18.20
15	1	LOW	Q16	17.76	17.84	17.94	18.20
		MID	Q16	17.92	17.77	17.90	18.20
		HIGH	Q16	17.80	17.74	17.86	18.20
	36	LOW	Q16	17.39	17.32	17.58	18.20
		MID	Q16	17.52	17.33	17.51	18.20
		HIGH	Q16	17.76	17.41	17.51	18.20
	75	LOW	Q16	17.33	17.53	17.43	18.20
15	1	LOW	64QAM	18.03	17.90	17.77	18.20
		MID	64QAM	18.00	17.65	17.98	18.20
		HIGH	64QAM	17.73	17.97	18.08	18.20
	36	LOW	64QAM	17.56	17.45	17.24	18.20
		MID	64QAM	17.47	17.35	17.40	18.20
		HIGH	64QAM	17.68	17.43	17.38	18.20
	75	LOW	64QAM	17.51	17.65	17.45	18.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.31	17.30	17.32	18.20
		MID	QPSK	17.41	17.29	17.35	18.20
		HIGH	QPSK	17.37	**17.43**	17.35	18.20
	50	LOW	QPSK	17.35	17.47	17.47	18.20
		MID	QPSK	17.38	17.35	17.41	18.20
		HIGH	QPSK	17.54	**17.55**	17.43	18.20
	100	LOW	QPSK	17.46	17.45	17.47	18.20
20	1	LOW	Q16	17.83	17.82	17.89	18.20
		MID	Q16	17.94	17.81	17.97	18.20
		HIGH	Q16	17.78	17.81	17.96	18.20
	50	LOW	Q16	17.41	17.47	17.49	18.20
		MID	Q16	17.43	17.35	17.45	18.20
		HIGH	Q16	17.61	17.42	17.47	18.20
	100	LOW	Q16	17.46	17.47	17.49	18.20
20	1	LOW	64QAM	17.97	17.96	17.76	18.20
		MID	64QAM	17.86	17.77	18.01	18.20
		HIGH	64QAM	17.68	17.89	17.97	18.20
	50	LOW	64QAM	17.54	17.60	17.34	18.20
		MID	64QAM	17.54	17.36	17.54	18.20
		HIGH	64QAM	17.54	17.39	17.42	18.20
	100	LOW	64QAM	17.49	17.60	17.54	18.20

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.75	23.43	23.86	24.30
		MID	QPSK	23.80	23.78	23.76	24.30
		HIGH	QPSK	23.58	23.70	23.80	24.30
	12	LOW	QPSK	22.61	22.71	23.01	23.30
		MID	QPSK	22.77	22.75	22.80	23.30
		HIGH	QPSK	22.68	22.88	22.79	23.30
	25	LOW	QPSK	22.70	22.78	22.90	23.30
5	1	LOW	Q16	23.10	23.13	23.24	23.30
		MID	Q16	22.92	23.22	23.25	23.30
		HIGH	Q16	23.07	23.13	23.24	23.30
	12	LOW	Q16	21.69	21.63	21.81	22.30
		MID	Q16	21.73	21.75	21.86	22.30
		HIGH	Q16	21.59	21.78	21.74	22.30
	25	LOW	Q16	21.79	21.76	21.69	22.30
5	1	LOW	64QAM	22.16	21.87	22.08	22.30
		MID	64QAM	22.08	22.10	22.14	22.30
		HIGH	64QAM	21.83	22.03	22.25	22.30
	12	LOW	64QAM	20.58	20.88	20.76	21.30
		MID	64QAM	20.68	20.76	20.83	21.30
		HIGH	64QAM	20.53	20.57	20.82	21.30
	25	LOW	64QAM	20.68	20.62	21.04	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.85	23.45	23.67	24.30
		MID	QPSK	23.54	23.77	23.68	24.30
		HIGH	QPSK	23.55	23.72	23.62	24.30
	25	LOW	QPSK	22.70	22.74	22.93	23.30
		MID	QPSK	22.56	22.56	22.69	23.30
		HIGH	QPSK	22.69	22.60	22.92	23.30
	50	LOW	QPSK	22.65	22.92	22.95	23.30
10	1	LOW	Q16	23.10	22.93	23.24	23.30
		MID	Q16	22.94	23.04	23.25	23.30
		HIGH	Q16	22.84	23.18	23.27	23.30
	25	LOW	Q16	21.50	21.71	21.79	22.30
		MID	Q16	21.67	21.69	21.71	22.30
		HIGH	Q16	21.62	21.60	21.67	22.30
	50	LOW	Q16	21.54	21.83	21.92	22.30
10	1	LOW	64QAM	22.05	21.84	22.24	22.30
		MID	64QAM	22.01	22.07	22.16	22.30
		HIGH	64QAM	22.04	22.14	22.15	22.30
	25	LOW	64QAM	20.66	20.82	20.72	21.30
		MID	64QAM	20.95	20.63	20.72	21.30
		HIGH	64QAM	20.74	20.78	20.79	21.30
	50	LOW	64QAM	20.73	20.72	20.89	21.30

LTE B7-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.73	23.47	23.84	24.30
		MID	QPSK	23.79	23.57	23.91	24.30
		HIGH	QPSK	23.55	23.79	23.59	24.30
	36	LOW	QPSK	22.69	22.77	23.00	23.30
		MID	QPSK	22.63	22.83	22.79	23.30
		HIGH	QPSK	22.65	22.85	22.95	23.30
	75	LOW	QPSK	22.74	22.79	22.96	23.30
15	1	LOW	Q16	23.06	23.14	23.24	23.30
		MID	Q16	22.91	23.22	23.24	23.30
		HIGH	Q16	22.95	23.12	23.22	23.30
	36	LOW	Q16	21.69	21.59	22.05	22.30
		MID	Q16	21.61	21.82	21.79	22.30
		HIGH	Q16	21.87	21.85	21.86	22.30
	75	LOW	Q16	21.64	21.70	21.88	22.30
15	1	LOW	64QAM	21.95	21.84	22.18	22.30
		MID	64QAM	22.17	22.20	22.15	22.30
		HIGH	64QAM	22.10	22.24	22.24	22.30
	36	LOW	64QAM	20.57	20.72	20.61	21.30
		MID	64QAM	20.92	20.61	20.73	21.30
		HIGH	64QAM	20.50	20.65	20.80	21.30
	75	LOW	64QAM	20.76	20.68	20.92	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.71	23.55	23.73	24.30
		MID	QPSK	23.65	23.65	**23.80**	24.30
		HIGH	QPSK	23.62	23.70	23.72	24.30
	50	LOW	QPSK	22.59	22.78	**22.91**	23.30
		MID	QPSK	22.67	22.71	22.84	23.30
		HIGH	QPSK	22.74	22.75	22.81	23.30
	100	LOW	QPSK	22.71	22.79	22.83	23.30
20	1	LOW	Q16	23.10	23.05	23.25	23.30
		MID	Q16	23.06	23.10	23.24	23.30
		HIGH	Q16	22.98	23.17	23.08	23.30
	50	LOW	Q16	21.60	21.73	21.90	22.30
		MID	Q16	21.68	21.68	21.83	22.30
		HIGH	Q16	21.73	21.72	21.80	22.30
	100	LOW	Q16	21.67	21.74	21.82	22.30
20	1	LOW	64QAM	22.10	21.90	22.24	22.30
		MID	64QAM	22.06	22.07	22.26	22.30
		HIGH	64QAM	21.95	22.16	22.21	22.30
	50	LOW	64QAM	20.53	20.75	20.75	21.30
		MID	64QAM	20.82	20.64	20.81	21.30
		HIGH	64QAM	20.64	20.70	20.91	21.30
	100	LOW	64QAM	20.82	20.60	20.92	21.30

LTE B7-LEVEL 1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.75	23.43	23.86	24.30
		MID	QPSK	23.80	23.78	23.76	24.30
		HIGH	QPSK	23.58	23.70	23.80	24.30
	12	LOW	QPSK	22.61	22.71	23.01	23.30
		MID	QPSK	22.77	22.75	22.80	23.30
		HIGH	QPSK	22.68	22.88	22.79	23.30
	25	LOW	QPSK	22.70	22.78	22.90	23.30
5	1	LOW	Q16	23.10	23.13	23.24	23.30
		MID	Q16	22.92	23.22	23.25	23.30
		HIGH	Q16	23.07	23.13	23.24	23.30
	12	LOW	Q16	21.69	21.63	21.81	22.30
		MID	Q16	21.73	21.75	21.86	22.30
		HIGH	Q16	21.59	21.78	21.74	22.30
	25	LOW	Q16	21.79	21.76	21.69	22.30
5	1	LOW	64QAM	22.16	21.87	22.08	22.30
		MID	64QAM	22.08	22.10	22.14	22.30
		HIGH	64QAM	21.83	22.03	22.25	22.30
	12	LOW	64QAM	20.58	20.88	20.76	21.30
		MID	64QAM	20.68	20.76	20.83	21.30
		HIGH	64QAM	20.53	20.57	20.82	21.30
	25	LOW	64QAM	20.68	20.62	21.04	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.85	23.45	23.67	24.30
		MID	QPSK	23.54	23.77	23.68	24.30
		HIGH	QPSK	23.55	23.72	23.62	24.30
	25	LOW	QPSK	22.70	22.74	22.93	23.30
		MID	QPSK	22.56	22.56	22.69	23.30
		HIGH	QPSK	22.69	22.60	22.92	23.30
	50	LOW	QPSK	22.65	22.92	22.95	23.30
10	1	LOW	Q16	23.10	22.93	23.24	23.30
		MID	Q16	22.94	23.04	23.25	23.30
		HIGH	Q16	22.84	23.18	23.27	23.30
	25	LOW	Q16	21.50	21.71	21.79	22.30
		MID	Q16	21.67	21.69	21.71	22.30
		HIGH	Q16	21.62	21.60	21.67	22.30
	50	LOW	Q16	21.54	21.83	21.92	22.30
10	1	LOW	64QAM	22.05	21.84	22.24	22.30
		MID	64QAM	22.01	22.07	22.16	22.30
		HIGH	64QAM	22.04	22.14	22.15	22.30
	25	LOW	64QAM	20.66	20.82	20.72	21.30
		MID	64QAM	20.95	20.63	20.72	21.30
		HIGH	64QAM	20.74	20.78	20.79	21.30
	50	LOW	64QAM	20.73	20.72	20.89	21.30

LTE B7-LEVEL 1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.73	23.47	23.84	24.30
		MID	QPSK	23.79	23.57	23.91	24.30
		HIGH	QPSK	23.55	23.79	23.59	24.30
	36	LOW	QPSK	22.69	22.77	23.00	23.30
		MID	QPSK	22.63	22.83	22.79	23.30
		HIGH	QPSK	22.65	22.85	22.95	23.30
	75	LOW	QPSK	22.74	22.79	22.96	23.30
15	1	LOW	Q16	23.06	23.14	23.24	23.30
		MID	Q16	22.91	23.22	23.24	23.30
		HIGH	Q16	22.95	23.12	23.22	23.30
	36	LOW	Q16	21.69	21.59	22.05	22.30
		MID	Q16	21.61	21.82	21.79	22.30
		HIGH	Q16	21.87	21.85	21.86	22.30
	75	LOW	Q16	21.64	21.70	21.88	22.30
15	1	LOW	64QAM	21.95	21.84	22.18	22.30
		MID	64QAM	22.17	22.20	22.15	22.30
		HIGH	64QAM	22.10	22.24	22.24	22.30
	36	LOW	64QAM	20.57	20.72	20.61	21.30
		MID	64QAM	20.92	20.61	20.73	21.30
		HIGH	64QAM	20.50	20.65	20.80	21.30
	75	LOW	64QAM	20.76	20.68	20.92	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.71	23.55	23.73	24.30
		MID	QPSK	23.65	23.65	**23.80**	24.30
		HIGH	QPSK	23.62	23.70	23.72	24.30
	50	LOW	QPSK	22.59	22.78	**22.91**	23.30
		MID	QPSK	22.67	22.71	22.84	23.30
		HIGH	QPSK	22.74	22.75	22.81	23.30
	100	LOW	QPSK	22.71	22.79	22.83	23.30
20	1	LOW	Q16	23.10	23.05	23.25	23.30
		MID	Q16	23.06	23.10	23.24	23.30
		HIGH	Q16	22.98	23.17	23.08	23.30
	50	LOW	Q16	21.60	21.73	21.90	22.30
		MID	Q16	21.68	21.68	21.83	22.30
		HIGH	Q16	21.73	21.72	21.80	22.30
	100	LOW	Q16	21.67	21.74	21.82	22.30
20	1	LOW	64QAM	22.10	21.90	22.24	22.30
		MID	64QAM	22.06	22.07	22.26	22.30
		HIGH	64QAM	21.95	22.16	22.21	22.30
	50	LOW	64QAM	20.53	20.75	20.75	21.30
		MID	64QAM	20.82	20.64	20.81	21.30
		HIGH	64QAM	20.64	20.70	20.91	21.30
	100	LOW	64QAM	20.82	20.60	20.92	21.30

LTE B7-LEVEL 2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.75	23.43	23.86	24.30
		MID	QPSK	23.80	23.78	23.76	24.30
		HIGH	QPSK	23.58	23.70	23.80	24.30
	12	LOW	QPSK	22.61	22.71	23.01	23.30
		MID	QPSK	22.77	22.75	22.80	23.30
		HIGH	QPSK	22.68	22.88	22.79	23.30
	25	LOW	QPSK	22.70	22.78	22.90	23.30
5	1	LOW	Q16	23.10	23.13	23.24	23.30
		MID	Q16	22.92	23.22	23.25	23.30
		HIGH	Q16	23.07	23.13	23.24	23.30
	12	LOW	Q16	21.69	21.63	21.81	22.30
		MID	Q16	21.73	21.75	21.86	22.30
		HIGH	Q16	21.59	21.78	21.74	22.30
	25	LOW	Q16	21.79	21.76	21.69	22.30
5	1	LOW	64QAM	22.16	21.87	22.08	22.30
		MID	64QAM	22.08	22.10	22.14	22.30
		HIGH	64QAM	21.83	22.03	22.25	22.30
	12	LOW	64QAM	20.58	20.88	20.76	21.30
		MID	64QAM	20.68	20.76	20.83	21.30
		HIGH	64QAM	20.53	20.57	20.82	21.30
	25	LOW	64QAM	20.68	20.62	21.04	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.85	23.45	23.67	24.30
		MID	QPSK	23.54	23.77	23.68	24.30
		HIGH	QPSK	23.55	23.72	23.62	24.30
	25	LOW	QPSK	22.70	22.74	22.93	23.30
		MID	QPSK	22.56	22.56	22.69	23.30
		HIGH	QPSK	22.69	22.60	22.92	23.30
	50	LOW	QPSK	22.65	22.92	22.95	23.30
10	1	LOW	Q16	23.10	22.93	23.24	23.30
		MID	Q16	22.94	23.04	23.25	23.30
		HIGH	Q16	22.84	23.18	23.27	23.30
	25	LOW	Q16	21.50	21.71	21.79	22.30
		MID	Q16	21.67	21.69	21.71	22.30
		HIGH	Q16	21.62	21.60	21.67	22.30
	50	LOW	Q16	21.54	21.83	21.92	22.30
10	1	LOW	64QAM	22.05	21.84	22.24	22.30
		MID	64QAM	22.01	22.07	22.16	22.30
		HIGH	64QAM	22.04	22.14	22.15	22.30
	25	LOW	64QAM	20.66	20.82	20.72	21.30
		MID	64QAM	20.95	20.63	20.72	21.30
		HIGH	64QAM	20.74	20.78	20.79	21.30
	50	LOW	64QAM	20.73	20.72	20.89	21.30

LTE B7-LEVEL 2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.73	23.47	23.84	24.30
		MID	QPSK	23.79	23.57	23.91	24.30
		HIGH	QPSK	23.55	23.79	23.59	24.30
	36	LOW	QPSK	22.69	22.77	23.00	23.30
		MID	QPSK	22.63	22.83	22.79	23.30
		HIGH	QPSK	22.65	22.85	22.95	23.30
	75	LOW	QPSK	22.74	22.79	22.96	23.30
15	1	LOW	Q16	23.06	23.14	23.24	23.30
		MID	Q16	22.91	23.22	23.24	23.30
		HIGH	Q16	22.95	23.12	23.22	23.30
	36	LOW	Q16	21.69	21.59	22.05	22.30
		MID	Q16	21.61	21.82	21.79	22.30
		HIGH	Q16	21.87	21.85	21.86	22.30
	75	LOW	Q16	21.64	21.70	21.88	22.30
15	1	LOW	64QAM	21.95	21.84	22.18	22.30
		MID	64QAM	22.17	22.20	22.15	22.30
		HIGH	64QAM	22.10	22.24	22.24	22.30
	36	LOW	64QAM	20.57	20.72	20.61	21.30
		MID	64QAM	20.92	20.61	20.73	21.30
		HIGH	64QAM	20.50	20.65	20.80	21.30
	75	LOW	64QAM	20.76	20.68	20.92	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.71	23.55	23.73	24.30
		MID	QPSK	23.65	23.65	**23.80**	24.30
		HIGH	QPSK	23.62	23.70	23.72	24.30
	50	LOW	QPSK	22.59	22.78	**22.91**	23.30
		MID	QPSK	22.67	22.71	22.84	23.30
		HIGH	QPSK	22.74	22.75	22.81	23.30
	100	LOW	QPSK	22.71	22.79	22.83	23.30
20	1	LOW	Q16	23.10	23.05	23.25	23.30
		MID	Q16	23.06	23.10	23.24	23.30
		HIGH	Q16	22.98	23.17	23.08	23.30
	50	LOW	Q16	21.60	21.73	21.90	22.30
		MID	Q16	21.68	21.68	21.83	22.30
		HIGH	Q16	21.73	21.72	21.80	22.30
	100	LOW	Q16	21.67	21.74	21.82	22.30
20	1	LOW	64QAM	22.10	21.90	22.24	22.30
		MID	64QAM	22.06	22.07	22.26	22.30
		HIGH	64QAM	21.95	22.16	22.21	22.30
	50	LOW	64QAM	20.53	20.75	20.75	21.30
		MID	64QAM	20.82	20.64	20.81	21.30
		HIGH	64QAM	20.64	20.70	20.91	21.30
	100	LOW	64QAM	20.82	20.60	20.92	21.30

LTE B7-LEVEL 4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.07	21.22	21.21	21.80
		MID	QPSK	21.45	21.06	21.29	21.80
		HIGH	QPSK	21.15	21.38	21.23	21.80
	12	LOW	QPSK	21.12	21.27	21.39	21.80
		MID	QPSK	21.15	21.07	21.23	21.80
		HIGH	QPSK	21.30	21.40	21.26	21.80
	25	LOW	QPSK	21.40	21.39	21.19	21.80
5	1	LOW	Q16	21.76	21.79	21.70	21.80
		MID	Q16	21.35	21.66	21.69	21.80
		HIGH	Q16	21.65	21.64	21.67	21.80
	12	LOW	Q16	21.39	21.30	21.45	21.80
		MID	Q16	21.25	21.08	21.42	21.80
		HIGH	Q16	21.27	21.35	21.36	21.80
	25	LOW	Q16	21.24	21.27	21.26	21.80
5	1	LOW	64QAM	21.66	21.67	21.57	21.80
		MID	64QAM	21.77	21.67	21.43	21.80
		HIGH	64QAM	21.45	21.80	21.44	21.80
	12	LOW	64QAM	20.68	20.73	20.83	21.30
		MID	64QAM	20.57	20.87	20.62	21.30
		HIGH	64QAM	20.83	20.71	20.76	21.30
	25	LOW	64QAM	20.58	20.76	20.89	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.31	21.29	21.33	21.80
		MID	QPSK	21.19	21.28	21.33	21.80
		HIGH	QPSK	21.35	21.35	21.18	21.80
	25	LOW	QPSK	21.15	21.30	21.39	21.80
		MID	QPSK	21.29	21.20	21.15	21.80
		HIGH	QPSK	21.35	21.35	21.42	21.80
	50	LOW	QPSK	21.22	21.33	21.19	21.80
10	1	LOW	Q16	21.70	21.79	21.74	21.80
		MID	Q16	21.55	21.75	21.75	21.80
		HIGH	Q16	21.69	21.73	21.77	21.80
	25	LOW	Q16	21.16	21.22	21.44	21.80
		MID	Q16	21.14	21.29	21.44	21.80
		HIGH	Q16	21.21	21.39	21.21	21.80
	50	LOW	Q16	21.27	21.18	21.37	21.80
10	1	LOW	64QAM	21.62	21.51	21.75	21.80
		MID	64QAM	21.67	21.45	21.70	21.80
		HIGH	64QAM	21.47	21.57	21.55	21.80
	25	LOW	64QAM	20.84	20.86	20.79	21.30
		MID	64QAM	20.76	20.86	20.62	21.30
		HIGH	64QAM	20.94	20.63	20.90	21.30
	50	LOW	64QAM	20.83	20.83	21.02	21.30

LTE B7-LEVEL 4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.21	21.28	21.19	21.80
		MID	QPSK	21.32	21.21	21.21	21.80
		HIGH	QPSK	21.20	21.19	21.32	21.80
	36	LOW	QPSK	21.31	21.29	21.40	21.80
		MID	QPSK	21.32	21.13	21.42	21.80
		HIGH	QPSK	21.41	21.36	21.38	21.80
	75	LOW	QPSK	21.19	21.32	21.45	21.80
15	1	LOW	Q16	21.70	21.72	21.45	21.80
		MID	Q16	21.78	21.60	21.58	21.80
		HIGH	Q16	21.53	21.58	21.45	21.80
	36	LOW	Q16	21.14	21.25	21.39	21.80
		MID	Q16	21.18	21.14	21.20	21.80
		HIGH	Q16	21.27	21.27	21.37	21.80
	75	LOW	Q16	21.28	21.23	21.37	21.80
15	1	LOW	64QAM	21.54	21.70	21.35	21.80
		MID	64QAM	21.67	21.51	21.76	21.80
		HIGH	64QAM	21.69	21.78	21.55	21.80
	36	LOW	64QAM	20.74	20.92	20.95	21.30
		MID	64QAM	20.70	20.64	20.63	21.30
		HIGH	64QAM	20.92	20.75	20.92	21.30
	75	LOW	64QAM	20.67	20.57	20.91	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.19	21.29	21.24	21.80
		MID	QPSK	21.28	21.18	21.26	21.80
		HIGH	QPSK	21.28	**21.30**	21.28	21.80
	50	LOW	QPSK	21.27	**21.37**	21.30	21.80
		MID	QPSK	21.25	21.20	21.29	21.80
		HIGH	QPSK	21.36	21.31	21.31	21.80
	100	LOW	QPSK	21.26	21.32	21.32	21.80
20	1	LOW	Q16	21.66	21.68	21.56	21.80
		MID	Q16	21.77	21.65	21.38	21.80
		HIGH	Q16	21.67	21.72	21.58	21.80
	50	LOW	Q16	21.26	21.30	21.34	21.80
		MID	Q16	21.27	21.22	21.33	21.80
		HIGH	Q16	21.35	21.28	21.36	21.80
	100	LOW	Q16	21.26	21.30	21.36	21.80
20	1	LOW	64QAM	21.69	21.55	21.75	21.80
		MID	64QAM	21.65	21.58	21.76	21.80
		HIGH	64QAM	21.59	21.79	21.74	21.80
	50	LOW	64QAM	20.82	20.83	20.82	21.30
		MID	64QAM	20.71	20.77	20.76	21.30
		HIGH	64QAM	20.84	20.71	20.78	21.30
	100	LOW	64QAM	20.71	20.71	20.93	21.30

LTE B7-LEVEL 5&6 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.53	19.60	19.52	20.30
		MID	QPSK	19.60	19.60	19.84	20.30
		HIGH	QPSK	19.74	19.57	19.78	20.30
	12	LOW	QPSK	19.54	19.63	19.86	20.30
		MID	QPSK	19.71	19.82	19.81	20.30
		HIGH	QPSK	19.74	19.63	19.94	20.30
	25	LOW	QPSK	19.79	19.83	19.70	20.30
5	1	LOW	Q16	20.06	20.04	20.15	20.30
		MID	Q16	20.24	20.28	20.25	20.30
		HIGH	Q16	19.93	20.28	20.23	20.30
	12	LOW	Q16	19.59	19.78	19.72	20.30
		MID	Q16	19.87	19.65	19.74	20.30
		HIGH	Q16	19.81	19.62	19.86	20.30
	25	LOW	Q16	19.88	19.67	19.73	20.30
5	1	LOW	64QAM	20.23	20.19	20.22	20.30
		MID	64QAM	20.05	20.17	20.23	20.30
		HIGH	64QAM	19.97	19.95	20.30	20.30
	12	LOW	64QAM	19.42	19.85	19.65	20.30
		MID	64QAM	19.78	19.92	19.66	20.30
		HIGH	64QAM	19.89	19.87	19.76	20.30
	25	LOW	64QAM	19.62	19.65	19.83	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.70	19.55	19.56	20.30
		MID	QPSK	19.73	19.52	19.78	20.30
		HIGH	QPSK	19.65	19.71	19.73	20.30
	25	LOW	QPSK	19.65	19.62	19.63	20.30
		MID	QPSK	19.73	19.74	19.59	20.30
		HIGH	QPSK	19.92	19.70	19.88	20.30
	50	LOW	QPSK	19.86	19.86	19.83	20.30
10	1	LOW	Q16	20.04	20.15	20.03	20.30
		MID	Q16	20.28	20.03	20.30	20.30
		HIGH	Q16	20.15	20.19	20.15	20.30
	25	LOW	Q16	19.69	19.69	19.83	20.30
		MID	Q16	19.70	19.63	19.72	20.30
		HIGH	Q16	19.87	19.89	19.89	20.30
	50	LOW	Q16	19.85	19.64	19.93	20.30
10	1	LOW	64QAM	20.22	20.19	20.23	20.30
		MID	64QAM	20.11	20.20	20.18	20.30
		HIGH	64QAM	19.98	20.07	20.13	20.30
	25	LOW	64QAM	19.54	19.63	19.75	20.30
		MID	64QAM	19.68	19.88	19.70	20.30
		HIGH	64QAM	19.89	19.64	19.66	20.30
	50	LOW	64QAM	19.50	19.66	19.73	20.30

LTE B7-LEVEL 5&6 -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.55	19.64	19.61	20.30
		MID	QPSK	19.60	19.56	19.73	20.30
		HIGH	QPSK	19.54	19.61	19.82	20.30
	36	LOW	QPSK	19.53	19.69	19.60	20.30
		MID	QPSK	19.57	19.64	19.87	20.30
		HIGH	QPSK	19.83	19.93	19.64	20.30
	75	LOW	QPSK	19.69	19.91	19.84	20.30
15	1	LOW	Q16	20.21	20.24	20.29	20.30
		MID	Q16	20.14	20.21	20.21	20.30
		HIGH	Q16	20.16	20.20	20.21	20.30
	36	LOW	Q16	19.82	19.76	19.81	20.30
		MID	Q16	19.80	19.60	19.73	20.30
		HIGH	Q16	19.92	19.65	19.87	20.30
	75	LOW	Q16	19.77	19.62	19.71	20.30
15	1	LOW	64QAM	20.16	20.00	20.25	20.30
		MID	64QAM	20.25	20.14	20.15	20.30
		HIGH	64QAM	19.96	20.03	20.24	20.30
	36	LOW	64QAM	19.64	19.68	19.63	20.30
		MID	64QAM	19.86	19.79	19.89	20.30
		HIGH	64QAM	20.00	19.77	19.78	20.30
	75	LOW	64QAM	19.68	19.86	19.99	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.67	19.66	19.63	20.30
		MID	QPSK	19.73	19.63	19.70	20.30
		HIGH	QPSK	19.66	**19.75**	19.67	20.30
	50	LOW	QPSK	19.64	19.74	19.75	20.30
		MID	QPSK	19.67	19.68	19.74	20.30
		HIGH	QPSK	19.80	**19.82**	19.79	20.30
	100	LOW	QPSK	19.71	19.77	19.78	20.30
20	1	LOW	Q16	20.10	20.10	20.17	20.30
		MID	Q16	20.24	20.13	20.27	20.30
		HIGH	Q16	20.08	20.13	20.28	20.30
	50	LOW	Q16	19.68	19.76	19.79	20.30
		MID	Q16	19.72	19.66	19.79	20.30
		HIGH	Q16	19.83	19.74	19.83	20.30
	100	LOW	Q16	19.73	19.77	19.80	20.30
20	1	LOW	64QAM	20.17	20.11	20.15	20.30
		MID	64QAM	20.20	20.26	20.13	20.30
		HIGH	64QAM	20.03	20.10	20.28	20.30
	50	LOW	64QAM	19.57	19.73	19.71	20.30
		MID	64QAM	19.78	19.78	19.75	20.30
		HIGH	64QAM	19.86	19.72	19.79	20.30
	100	LOW	64QAM	19.62	19.73	19.87	20.30

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.84	23.80	23.65	24.30
		MID	QPSK	23.81	23.78	23.63	24.30
		HIGH	QPSK	23.72	23.99	23.85	24.30
	12	LOW	QPSK	22.78	22.89	23.00	23.30
		MID	QPSK	22.81	22.81	22.66	23.30
		HIGH	QPSK	22.83	22.79	22.89	23.30
	25	LOW	QPSK	22.73	22.55	22.88	23.30
5	1	LOW	Q16	22.57	22.90	22.93	23.30
		MID	Q16	22.62	22.86	22.84	23.30
		HIGH	Q16	22.94	22.77	22.74	23.30
	12	LOW	Q16	21.99	21.86	21.61	22.30
		MID	Q16	21.83	21.88	21.68	22.30
		HIGH	Q16	21.84	21.78	21.84	22.30
	25	LOW	Q16	22.01	21.65	21.72	22.30
5	1	LOW	64QAM	21.75	21.93	21.98	22.30
		MID	64QAM	21.65	21.67	21.92	22.30
		HIGH	64QAM	21.58	21.59	21.77	22.30
	12	LOW	64QAM	20.64	20.82	20.85	21.30
		MID	64QAM	20.58	20.93	20.74	21.30
		HIGH	64QAM	20.83	20.67	20.83	21.30
	25	LOW	64QAM	20.82	20.72	20.64	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.80	23.83	23.66	24.30
		MID	QPSK	23.89	23.96	23.76	24.30
		HIGH	QPSK	23.81	23.88	23.82	24.30
	25	LOW	QPSK	22.80	22.89	22.87	23.30
		MID	QPSK	22.86	22.84	22.60	23.30
		HIGH	QPSK	22.91	22.98	22.72	23.30
	50	LOW	QPSK	22.63	22.62	22.77	23.30
10	1	LOW	Q16	22.77	22.67	22.96	23.30
		MID	Q16	22.80	22.71	22.79	23.30
		HIGH	Q16	22.96	22.67	22.81	23.30
	25	LOW	Q16	21.83	21.87	21.61	22.30
		MID	Q16	21.92	21.85	21.64	22.30
		HIGH	Q16	21.99	21.54	21.84	22.30
	50	LOW	Q16	22.02	21.71	21.73	22.30
10	1	LOW	64QAM	21.77	21.97	21.78	22.30
		MID	64QAM	21.83	21.76	21.68	22.30
		HIGH	64QAM	21.73	21.78	21.73	22.30
	25	LOW	64QAM	20.85	20.60	20.57	21.30
		MID	64QAM	20.72	20.81	20.83	21.30
		HIGH	64QAM	20.88	20.74	20.83	21.30
	50	LOW	64QAM	20.60	20.77	20.84	21.30

LTE B7-Full Power -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.91	23.74	23.86	24.30
		MID	QPSK	23.75	23.92	23.63	24.30
		HIGH	QPSK	23.72	23.80	23.74	24.30
	36	LOW	QPSK	22.71	22.77	22.84	23.30
		MID	QPSK	22.83	22.69	22.83	23.30
		HIGH	QPSK	22.81	22.90	22.60	23.30
	75	LOW	QPSK	22.69	22.60	22.85	23.30
15	1	LOW	Q16	22.70	22.89	22.82	23.30
		MID	Q16	22.54	22.60	22.84	23.30
		HIGH	Q16	22.84	22.86	22.88	23.30
	36	LOW	Q16	21.73	21.72	21.65	22.30
		MID	Q16	21.88	21.93	21.56	22.30
		HIGH	Q16	21.92	21.80	22.03	22.30
	75	LOW	Q16	21.74	21.72	21.85	22.30
15	1	LOW	64QAM	21.84	21.99	21.83	22.30
		MID	64QAM	21.72	21.92	21.68	22.30
		HIGH	64QAM	21.55	21.54	21.91	22.30
	36	LOW	64QAM	20.66	20.66	20.57	21.30
		MID	64QAM	20.81	20.79	20.79	21.30
		HIGH	64QAM	20.96	20.77	20.68	21.30
	75	LOW	64QAM	20.68	20.60	20.90	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.88	**23.89**	23.74	24.30
		MID	QPSK	23.82	23.84	23.76	24.30
		HIGH	QPSK	23.85	23.86	23.72	24.30
	50	LOW	QPSK	22.83	**22.88**	22.86	23.30
		MID	QPSK	22.85	22.78	22.75	23.30
		HIGH	QPSK	22.82	22.83	22.75	23.30
	100	LOW	QPSK	22.65	22.67	22.80	23.30
20	1	LOW	Q16	22.67	22.75	22.84	23.30
		MID	Q16	22.66	22.75	22.77	23.30
		HIGH	Q16	22.86	22.82	22.79	23.30
	50	LOW	Q16	21.84	21.81	21.69	22.30
		MID	Q16	21.86	21.79	21.69	22.30
		HIGH	Q16	21.88	21.68	21.89	22.30
	100	LOW	Q16	21.89	21.73	21.86	22.30
20	1	LOW	64QAM	21.78	21.84	21.87	22.30
		MID	64QAM	21.72	21.78	21.78	22.30
		HIGH	64QAM	21.69	21.68	21.77	22.30
	50	LOW	64QAM	20.75	20.72	20.70	21.30
		MID	64QAM	20.70	20.81	20.71	21.30
		HIGH	64QAM	20.90	20.77	20.71	21.30
	100	LOW	64QAM	20.72	20.71	20.75	21.30

LTE B7-LEVEL1 -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.22	15.18	14.66	15.80
		MID	QPSK	14.93	14.99	15.11	15.80
		HIGH	QPSK	15.15	15.23	15.08	15.80
	12	LOW	QPSK	15.04	15.34	15.33	15.80
		MID	QPSK	15.32	14.95	15.07	15.80
		HIGH	QPSK	15.43	15.07	15.30	15.80
	25	LOW	QPSK	15.10	15.24	14.87	15.80
5	1	LOW	Q16	15.13	15.31	15.37	15.80
		MID	Q16	15.23	15.41	15.37	15.80
		HIGH	Q16	15.26	15.05	15.42	15.80
	12	LOW	Q16	14.96	15.45	14.99	15.80
		MID	Q16	15.14	15.08	15.21	15.80
		HIGH	Q16	15.14	15.20	15.20	15.80
	25	LOW	Q16	15.09	15.21	14.95	15.80
5	1	LOW	64QAM	15.32	15.09	15.20	15.80
		MID	64QAM	15.36	15.58	15.45	15.80
		HIGH	64QAM	15.42	14.96	15.21	15.80
	12	LOW	64QAM	14.93	15.36	15.05	15.80
		MID	64QAM	15.03	15.18	14.76	15.80
		HIGH	64QAM	14.93	15.15	14.69	15.80
	25	LOW	64QAM	15.09	15.41	14.68	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.17	15.10	15.09	15.80
		MID	QPSK	15.01	15.32	15.28	15.80
		HIGH	QPSK	15.08	14.85	15.19	15.80
	25	LOW	QPSK	15.14	15.38	15.27	15.80
		MID	QPSK	15.18	15.15	15.09	15.80
		HIGH	QPSK	15.26	15.40	15.05	15.80
	50	LOW	QPSK	15.13	15.18	15.24	15.80
10	1	LOW	Q16	15.26	15.26	15.36	15.80
		MID	Q16	15.28	15.37	15.58	15.80
		HIGH	Q16	15.32	15.48	15.41	15.80
	25	LOW	Q16	14.95	15.13	15.20	15.80
		MID	Q16	15.05	15.25	15.14	15.80
		HIGH	Q16	15.12	15.04	15.18	15.80
	50	LOW	Q16	15.27	15.27	15.03	15.80
10	1	LOW	64QAM	15.43	15.21	15.39	15.80
		MID	64QAM	15.46	15.54	15.39	15.80
		HIGH	64QAM	15.34	15.30	15.30	15.80
	25	LOW	64QAM	15.16	15.32	14.98	15.80
		MID	64QAM	15.07	15.32	14.91	15.80
		HIGH	64QAM	15.10	15.03	15.17	15.80
	50	LOW	64QAM	15.00	15.29	15.04	15.80

LTE B7-LEVEL1 -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.15	15.22	14.74	15.80
		MID	QPSK	14.96	14.96	15.28	15.80
		HIGH	QPSK	15.18	15.16	14.88	15.80
	36	LOW	QPSK	14.74	15.39	15.06	15.80
		MID	QPSK	14.96	14.86	15.27	15.80
		HIGH	QPSK	15.11	15.22	15.09	15.80
	75	LOW	QPSK	15.11	15.19	15.10	15.80
15	1	LOW	Q16	15.50	15.20	15.26	15.80
		MID	Q16	15.39	15.39	15.61	15.80
		HIGH	Q16	15.54	15.17	15.45	15.80
	36	LOW	Q16	15.06	14.96	15.32	15.80
		MID	Q16	15.14	14.98	15.37	15.80
		HIGH	Q16	15.05	15.22	15.03	15.80
	75	LOW	Q16	15.10	15.11	14.84	15.80
15	1	LOW	64QAM	15.21	15.24	15.30	15.80
		MID	64QAM	15.47	15.22	15.35	15.80
		HIGH	64QAM	15.43	15.12	15.47	15.80
	36	LOW	64QAM	15.26	15.06	15.32	15.80
		MID	64QAM	15.18	15.26	14.97	15.80
		HIGH	64QAM	15.19	15.39	14.98	15.80
	75	LOW	64QAM	15.29	15.11	14.66	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.13	15.11	14.74	15.80
		MID	QPSK	15.13	**15.26**	15.16	15.80
		HIGH	QPSK	15.13	14.90	15.13	15.80
	50	LOW	QPSK	15.00	15.21	15.21	15.80
		MID	QPSK	14.99	15.13	15.18	15.80
		HIGH	QPSK	15.30	**15.31**	15.14	15.80
	100	LOW	QPSK	15.02	15.21	15.18	15.80
20	1	LOW	Q16	15.48	15.30	15.26	15.80
		MID	Q16	15.25	15.35	15.32	15.80
		HIGH	Q16	15.34	15.41	15.49	15.80
	50	LOW	Q16	15.04	15.05	15.04	15.80
		MID	Q16	15.23	15.01	15.25	15.80
		HIGH	Q16	15.28	15.13	14.99	15.80
	100	LOW	Q16	15.13	15.21	15.07	15.80
20	1	LOW	64QAM	15.23	15.21	15.26	15.80
		MID	64QAM	15.55	15.51	15.48	15.80
		HIGH	64QAM	15.27	15.11	15.25	15.80
	50	LOW	64QAM	14.97	15.32	14.99	15.80
		MID	64QAM	15.01	15.25	15.05	15.80
		HIGH	64QAM	14.96	15.45	14.96	15.80
	100	LOW	64QAM	15.11	15.21	14.94	15.80

LTE B7-LEVEL2&3 -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	13.09	13.07	13.04	13.80
		MID	QPSK	12.85	12.90	12.81	13.80
		HIGH	QPSK	13.15	13.05	12.94	13.80
	12	LOW	QPSK	13.12	13.13	13.02	13.80
		MID	QPSK	13.06	12.82	12.93	13.80
		HIGH	QPSK	13.20	12.84	12.97	13.80
	25	LOW	QPSK	12.93	13.16	12.87	13.80
5	1	LOW	Q16	13.44	13.51	13.40	13.80
		MID	Q16	13.65	13.10	13.62	13.80
		HIGH	Q16	13.61	13.52	13.36	13.80
	12	LOW	Q16	12.99	13.16	13.24	13.80
		MID	Q16	13.06	12.97	12.75	13.80
		HIGH	Q16	13.17	13.05	13.16	13.80
	25	LOW	Q16	12.77	13.26	13.19	13.80
5	1	LOW	64QAM	13.51	13.26	13.23	13.80
		MID	64QAM	13.53	13.24	13.59	13.80
		HIGH	64QAM	13.24	13.39	13.48	13.80
	12	LOW	64QAM	12.95	13.35	13.20	13.80
		MID	64QAM	13.02	13.06	12.81	13.80
		HIGH	64QAM	13.61	12.96	13.03	13.80
	25	LOW	64QAM	13.05	13.05	12.82	13.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	12.86	12.93	12.80	13.80
		MID	QPSK	13.12	12.94	13.07	13.80
		HIGH	QPSK	12.99	12.87	12.96	13.80
	25	LOW	QPSK	13.08	13.12	13.17	13.80
		MID	QPSK	12.75	13.11	12.83	13.80
		HIGH	QPSK	13.16	13.12	13.14	13.80
	50	LOW	QPSK	12.96	12.91	12.97	13.80
10	1	LOW	Q16	13.16	13.51	13.41	13.80
		MID	Q16	13.51	13.38	13.42	13.80
		HIGH	Q16	13.41	13.42	13.32	13.80
	25	LOW	Q16	12.90	12.98	12.87	13.80
		MID	Q16	13.02	13.05	12.77	13.80
		HIGH	Q16	13.42	13.05	13.14	13.80
	50	LOW	Q16	12.82	13.21	13.29	13.80
10	1	LOW	64QAM	13.62	13.63	13.07	13.80
		MID	64QAM	13.62	13.26	13.40	13.80
		HIGH	64QAM	13.53	13.33	13.57	13.80
	25	LOW	64QAM	12.72	13.10	12.89	13.80
		MID	64QAM	12.95	12.98	12.81	13.80
		HIGH	64QAM	13.60	12.87	13.37	13.80
	50	LOW	64QAM	13.25	13.28	12.81	13.80

LTE B7-LEVEL2&3 -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	13.10	12.80	12.73	13.80
		MID	QPSK	12.81	12.83	12.96	13.80
		HIGH	QPSK	13.12	12.95	12.83	13.80
	36	LOW	QPSK	12.73	13.05	13.00	13.80
		MID	QPSK	13.12	13.03	13.14	13.80
		HIGH	QPSK	13.06	13.06	12.92	13.80
	75	LOW	QPSK	12.75	13.12	12.79	13.80
15	1	LOW	Q16	13.60	13.51	13.36	13.80
		MID	Q16	13.45	13.39	13.68	13.80
		HIGH	Q16	13.27	13.66	13.36	13.80
	36	LOW	Q16	12.95	13.36	12.96	13.80
		MID	Q16	13.25	13.18	13.16	13.80
		HIGH	Q16	13.42	12.96	13.07	13.80
	75	LOW	Q16	13.20	13.00	12.93	13.80
15	1	LOW	64QAM	13.61	13.46	13.18	13.80
		MID	64QAM	13.44	13.09	13.40	13.80
		HIGH	64QAM	13.36	13.18	13.53	13.80
	36	LOW	64QAM	13.03	13.25	13.07	13.80
		MID	64QAM	13.12	12.86	13.01	13.80
		HIGH	64QAM	13.49	12.89	13.14	13.80
	75	LOW	64QAM	13.26	13.02	12.79	13.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	12.97	12.90	12.74	13.80
		MID	QPSK	12.88	**13.10**	13.05	13.80
		HIGH	QPSK	13.09	12.91	12.90	13.80
	50	LOW	QPSK	12.75	13.06	13.05	13.80
		MID	QPSK	12.88	13.08	13.00	13.80
		HIGH	QPSK	13.16	**13.23**	12.95	13.80
	100	LOW	QPSK	13.03	12.95	13.09	13.80
20	1	LOW	Q16	13.52	13.44	13.52	13.80
		MID	Q16	13.51	13.45	13.48	13.80
		HIGH	Q16	13.44	13.37	13.37	13.80
	50	LOW	Q16	12.93	13.14	13.19	13.80
		MID	Q16	12.95	13.17	13.03	13.80
		HIGH	Q16	13.22	13.07	12.86	13.80
	100	LOW	Q16	13.10	13.19	12.91	13.80
20	1	LOW	64QAM	13.42	13.32	13.49	13.80
		MID	64QAM	13.54	13.44	13.55	13.80
		HIGH	64QAM	13.40	13.35	13.64	13.80
	50	LOW	64QAM	12.95	13.10	12.82	13.80
		MID	64QAM	13.12	13.06	12.95	13.80
		HIGH	64QAM	13.28	12.98	13.19	13.80
	100	LOW	64QAM	13.02	13.03	13.17	13.80

LTE B7-LEVEL4 -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.45	18.56	18.46	19.30
		MID	QPSK	18.45	18.37	18.23	19.30
		HIGH	QPSK	18.66	18.59	18.33	19.30
	12	LOW	QPSK	18.63	18.65	18.64	19.30
		MID	QPSK	18.43	18.15	18.50	19.30
		HIGH	QPSK	18.62	18.73	18.56	19.30
	25	LOW	QPSK	18.61	18.63	18.34	19.30
5	1	LOW	Q16	18.96	18.82	19.09	19.30
		MID	Q16	19.22	18.74	19.17	19.30
		HIGH	Q16	18.97	19.04	18.78	19.30
	12	LOW	Q16	18.24	18.53	18.41	19.30
		MID	Q16	18.37	18.41	18.64	19.30
		HIGH	Q16	18.58	18.77	18.46	19.30
	25	LOW	Q16	18.39	18.37	18.66	19.30
5	1	LOW	64QAM	18.96	19.01	18.99	19.30
		MID	64QAM	19.11	18.94	18.94	19.30
		HIGH	64QAM	18.98	18.78	18.97	19.30
	12	LOW	64QAM	18.41	18.55	18.49	19.30
		MID	64QAM	18.29	18.41	18.58	19.30
		HIGH	64QAM	18.90	18.50	18.37	19.30
	25	LOW	64QAM	18.44	18.77	18.59	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.47	18.45	18.54	19.30
		MID	QPSK	18.37	18.21	18.36	19.30
		HIGH	QPSK	18.36	18.27	18.46	19.30
	25	LOW	QPSK	18.58	18.65	18.38	19.30
		MID	QPSK	18.17	18.45	18.56	19.30
		HIGH	QPSK	18.53	18.58	18.77	19.30
	50	LOW	QPSK	18.41	18.63	18.73	19.30
10	1	LOW	Q16	18.89	18.99	19.25	19.30
		MID	Q16	19.18	18.82	18.99	19.30
		HIGH	Q16	18.89	19.05	18.83	19.30
	25	LOW	Q16	18.52	18.30	18.78	19.30
		MID	Q16	18.28	18.14	18.74	19.30
		HIGH	Q16	18.66	18.53	18.50	19.30
	50	LOW	Q16	18.50	18.31	18.53	19.30
10	1	LOW	64QAM	18.85	18.92	18.98	19.30
		MID	64QAM	19.16	18.91	19.08	19.30
		HIGH	64QAM	18.91	18.57	18.97	19.30
	25	LOW	64QAM	18.46	18.53	18.46	19.30
		MID	64QAM	18.38	18.56	18.66	19.30
		HIGH	64QAM	18.60	18.47	18.52	19.30
	50	LOW	64QAM	18.55	18.81	18.70	19.30

LTE B7-LEVEL4 -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.43	18.63	18.26	19.30
		MID	QPSK	18.55	18.42	18.41	19.30
		HIGH	QPSK	18.44	18.60	18.46	19.30
	36	LOW	QPSK	18.20	18.37	18.54	19.30
		MID	QPSK	18.60	18.57	18.62	19.30
		HIGH	QPSK	18.69	18.53	18.75	19.30
	75	LOW	QPSK	18.40	18.69	18.41	19.30
15	1	LOW	Q16	18.98	18.81	19.03	19.30
		MID	Q16	19.08	19.04	19.04	19.30
		HIGH	Q16	18.79	18.75	19.04	19.30
	36	LOW	Q16	18.33	18.25	18.50	19.30
		MID	Q16	18.51	18.37	18.49	19.30
		HIGH	Q16	18.50	18.49	18.48	19.30
	75	LOW	Q16	18.65	18.48	18.51	19.30
15	1	LOW	64QAM	18.91	19.04	19.01	19.30
		MID	64QAM	18.70	18.70	19.17	19.30
		HIGH	64QAM	18.97	18.58	18.88	19.30
	36	LOW	64QAM	18.69	18.25	18.45	19.30
		MID	64QAM	18.44	18.58	18.37	19.30
		HIGH	64QAM	18.84	18.31	18.42	19.30
	75	LOW	64QAM	18.60	18.44	18.79	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.53	18.45	18.26	19.30
		MID	QPSK	18.48	**18.55**	18.28	19.30
		HIGH	QPSK	18.31	18.29	18.41	19.30
	50	LOW	QPSK	18.53	18.47	18.54	19.30
		MID	QPSK	18.54	18.39	18.49	19.30
		HIGH	QPSK	18.51	**18.59**	18.44	19.30
	100	LOW	QPSK	18.64	18.44	18.65	19.30
20	1	LOW	Q16	19.03	18.95	19.13	19.30
		MID	Q16	19.17	18.98	18.89	19.30
		HIGH	Q16	18.98	18.86	19.09	19.30
	50	LOW	Q16	18.53	18.60	18.70	19.30
		MID	Q16	18.49	18.48	18.55	19.30
		HIGH	Q16	18.70	18.53	18.40	19.30
	100	LOW	Q16	18.63	18.38	18.50	19.30
20	1	LOW	64QAM	18.88	19.00	18.97	19.30
		MID	64QAM	19.06	18.96	18.99	19.30
		HIGH	64QAM	18.85	18.83	19.12	19.30
	50	LOW	64QAM	18.38	18.49	18.52	19.30
		MID	64QAM	18.49	18.54	18.30	19.30
		HIGH	64QAM	18.60	18.40	18.33	19.30
	100	LOW	64QAM	18.68	18.47	18.58	19.30

LTE B7-LEVEL5&6 -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	16.22	16.14	16.15	17.30
		MID	QPSK	16.21	16.01	16.32	17.30
		HIGH	QPSK	16.31	16.51	16.52	17.30
	12	LOW	QPSK	16.30	16.53	16.25	17.30
		MID	QPSK	16.50	16.46	16.44	17.30
		HIGH	QPSK	16.65	16.49	16.11	17.30
	25	LOW	QPSK	16.35	16.59	16.40	17.30
5	1	LOW	Q16	16.50	16.60	16.81	17.30
		MID	Q16	17.02	16.71	16.65	17.30
		HIGH	Q16	16.68	16.63	17.08	17.30
	12	LOW	Q16	16.37	16.27	16.51	17.30
		MID	Q16	16.36	16.05	16.63	17.30
		HIGH	Q16	16.42	16.16	16.52	17.30
	25	LOW	Q16	16.62	16.48	16.57	17.30
5	1	LOW	64QAM	17.05	16.92	16.67	17.30
		MID	64QAM	16.80	16.59	17.10	17.30
		HIGH	64QAM	16.39	16.87	17.04	17.30
	12	LOW	64QAM	16.41	16.64	16.38	17.30
		MID	64QAM	16.73	16.61	16.36	17.30
		HIGH	64QAM	16.40	16.47	16.57	17.30
	25	LOW	64QAM	16.68	16.57	16.39	17.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	16.32	16.17	16.36	17.30
		MID	QPSK	16.39	16.21	16.29	17.30
		HIGH	QPSK	16.40	16.29	16.33	17.30
	25	LOW	QPSK	16.32	16.45	16.29	17.30
		MID	QPSK	16.35	16.51	16.26	17.30
		HIGH	QPSK	16.39	16.55	16.50	17.30
	50	LOW	QPSK	16.39	16.51	16.65	17.30
10	1	LOW	Q16	16.76	16.77	17.03	17.30
		MID	Q16	16.82	16.54	16.87	17.30
		HIGH	Q16	16.73	16.96	17.05	17.30
	25	LOW	Q16	16.41	16.38	16.59	17.30
		MID	Q16	16.45	16.31	16.36	17.30
		HIGH	Q16	16.78	16.40	16.43	17.30
	50	LOW	Q16	16.54	16.26	16.43	17.30
10	1	LOW	64QAM	16.92	16.88	16.70	17.30
		MID	64QAM	16.78	16.61	16.94	17.30
		HIGH	64QAM	16.47	16.81	16.86	17.30
	25	LOW	64QAM	16.49	16.70	16.16	17.30
		MID	64QAM	16.52	16.38	16.48	17.30
		HIGH	64QAM	16.47	16.39	16.35	17.30
	50	LOW	64QAM	16.37	16.42	16.33	17.30

LTE B7-LEVEL5&6-Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	16.50	16.44	16.36	17.30
		MID	QPSK	16.16	16.11	16.43	17.30
		HIGH	QPSK	16.32	16.45	16.23	17.30
	36	LOW	QPSK	16.20	16.53	16.52	17.30
		MID	QPSK	16.19	16.31	16.47	17.30
		HIGH	QPSK	16.48	16.30	16.17	17.30
	75	LOW	QPSK	16.21	16.58	16.31	17.30
15	1	LOW	Q16	16.70	16.71	16.85	17.30
		MID	Q16	16.94	16.78	16.87	17.30
		HIGH	Q16	16.89	16.79	16.71	17.30
	36	LOW	Q16	16.48	16.17	16.65	17.30
		MID	Q16	16.61	16.23	16.35	17.30
		HIGH	Q16	16.74	16.34	16.52	17.30
	75	LOW	Q16	16.29	16.34	16.50	17.30
15	1	LOW	64QAM	17.12	16.85	16.65	17.30
		MID	64QAM	16.98	16.61	16.81	17.30
		HIGH	64QAM	16.76	16.83	17.14	17.30
	36	LOW	64QAM	16.45	16.38	16.34	17.30
		MID	64QAM	16.31	16.18	16.31	17.30
		HIGH	64QAM	16.55	16.28	16.24	17.30
	75	LOW	64QAM	16.45	16.52	16.32	17.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	16.21	**16.41**	16.21	17.30
		MID	QPSK	16.32	16.27	16.40	17.30
		HIGH	QPSK	16.34	16.33	16.21	17.30
	50	LOW	QPSK	16.37	16.37	16.33	17.30
		MID	QPSK	16.27	16.34	16.46	17.30
		HIGH	QPSK	16.53	**16.54**	16.52	17.30
	100	LOW	QPSK	16.37	16.44	16.55	17.30
20	1	LOW	Q16	16.91	16.75	17.01	17.30
		MID	Q16	17.04	16.84	16.89	17.30
		HIGH	Q16	16.60	16.69	16.91	17.30
	50	LOW	Q16	16.30	16.30	16.46	17.30
		MID	Q16	16.53	16.28	16.50	17.30
		HIGH	Q16	16.53	16.25	16.59	17.30
	100	LOW	Q16	16.55	16.32	16.59	17.30
20	1	LOW	64QAM	16.98	16.89	16.60	17.30
		MID	64QAM	16.83	16.85	17.13	17.30
		HIGH	64QAM	16.71	16.73	16.80	17.30
	50	LOW	64QAM	16.39	16.69	16.17	17.30
		MID	64QAM	16.61	16.28	16.61	17.30
		HIGH	64QAM	16.43	16.37	16.41	17.30
	100	LOW	64QAM	16.58	16.58	16.53	17.30

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.24	22.07	22.14	22.70
		MID	QPSK	22.09	22.22	22.18	22.70
		HIGH	QPSK	22.22	22.20	22.09	22.70
	12	LOW	QPSK	21.14	21.20	21.11	21.70
		MID	QPSK	20.98	21.11	21.18	21.70
		HIGH	QPSK	21.01	21.26	21.02	21.70
	25	LOW	QPSK	21.09	21.20	21.02	21.70
5	1	LOW	Q16	21.26	21.14	21.16	21.70
		MID	Q16	21.39	21.18	21.15	21.70
		HIGH	Q16	21.12	20.92	21.31	21.70
	12	LOW	Q16	19.78	20.01	20.01	20.70
		MID	Q16	20.19	20.38	20.08	20.70
		HIGH	Q16	20.03	20.14	20.30	20.70
	25	LOW	Q16	19.83	19.89	20.10	20.70
5	1	LOW	64QAM	20.33	20.25	20.05	20.70
		MID	64QAM	20.01	20.04	20.26	20.70
		HIGH	64QAM	20.05	19.93	20.35	20.70
	12	LOW	64QAM	18.67	19.01	18.81	19.70
		MID	64QAM	19.08	19.13	18.89	19.70
		HIGH	64QAM	18.98	19.19	18.94	19.70
	25	LOW	64QAM	18.78	18.95	19.24	19.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.10	22.22	22.22	22.70
		MID	QPSK	22.31	22.28	22.15	22.70
		HIGH	QPSK	22.14	22.26	22.06	22.70
	25	LOW	QPSK	21.00	21.15	20.99	21.70
		MID	QPSK	21.04	21.13	21.11	21.70
		HIGH	QPSK	21.01	21.03	21.10	21.70
	50	LOW	QPSK	21.09	21.14	21.08	21.70
10	1	LOW	Q16	21.25	21.27	21.23	21.70
		MID	Q16	21.13	21.15	21.01	21.70
		HIGH	Q16	21.19	21.13	21.11	21.70
	25	LOW	Q16	19.76	20.01	19.95	20.70
		MID	Q16	20.09	20.25	19.94	20.70
		HIGH	Q16	19.94	20.25	20.22	20.70
	50	LOW	Q16	19.81	20.04	20.11	20.70
10	1	LOW	64QAM	20.26	20.23	19.99	20.70
		MID	64QAM	20.12	19.97	20.16	20.70
		HIGH	64QAM	20.04	20.08	20.41	20.70
	25	LOW	64QAM	18.81	19.07	18.83	19.70
		MID	64QAM	19.19	19.00	19.06	19.70
		HIGH	64QAM	18.92	19.17	18.91	19.70
	50	LOW	64QAM	18.71	18.80	19.24	19.70

LTE B7-Full Power -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.24	22.03	22.27	22.70
		MID	QPSK	22.21	22.15	22.06	22.70
		HIGH	QPSK	22.16	22.09	22.21	22.70
	36	LOW	QPSK	21.05	21.17	20.93	21.70
		MID	QPSK	21.06	21.05	21.06	21.70
		HIGH	QPSK	21.17	21.06	21.03	21.70
	75	LOW	QPSK	20.97	21.04	21.15	21.70
15	1	LOW	Q16	21.17	21.35	21.05	21.70
		MID	Q16	21.39	21.09	21.16	21.70
		HIGH	Q16	21.08	20.96	21.35	21.70
	36	LOW	Q16	19.84	20.21	19.85	20.70
		MID	Q16	20.03	20.32	20.08	20.70
		HIGH	Q16	20.00	20.34	20.16	20.70
	75	LOW	Q16	20.05	20.00	20.34	20.70
15	1	LOW	64QAM	20.35	20.18	20.01	20.70
		MID	64QAM	19.96	20.21	20.15	20.70
		HIGH	64QAM	19.93	20.13	20.23	20.70
	36	LOW	64QAM	18.92	19.03	19.02	19.70
		MID	64QAM	19.15	19.00	19.01	19.70
		HIGH	64QAM	18.91	18.95	19.08	19.70
	75	LOW	64QAM	18.61	18.75	19.04	19.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.18	22.20	22.70
		MID	QPSK	22.17	22.17	22.18	22.70
		HIGH	QPSK	22.18	**22.21**	22.19	22.70
	50	LOW	QPSK	21.01	**21.16**	21.04	21.70
		MID	QPSK	21.06	**21.16**	21.10	21.70
		HIGH	QPSK	21.10	21.13	21.11	21.70
	100	LOW	QPSK	21.03	21.14	21.14	21.70
20	1	LOW	Q16	21.22	21.23	21.12	21.70
		MID	Q16	21.24	21.13	21.06	21.70
		HIGH	Q16	21.11	21.07	21.26	21.70
	50	LOW	Q16	19.83	20.07	19.96	20.70
		MID	Q16	20.09	20.23	20.03	20.70
		HIGH	Q16	19.94	20.22	20.16	20.70
	100	LOW	Q16	19.94	20.01	20.22	20.70
20	1	LOW	64QAM	20.23	20.19	20.03	20.70
		MID	64QAM	20.07	20.10	20.14	20.70
		HIGH	64QAM	19.92	19.99	20.33	20.70
	50	LOW	64QAM	18.81	19.06	18.91	19.70
		MID	64QAM	19.13	19.12	18.95	19.70
		HIGH	64QAM	18.93	19.05	19.04	19.70
	100	LOW	64QAM	18.76	18.83	19.13	19.70

LTE B7-LEVEL 1 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	16.09	15.82	15.81	16.70
		MID	QPSK	15.88	16.09	16.06	16.70
		HIGH	QPSK	16.12	16.10	15.81	16.70
	12	LOW	QPSK	16.05	16.09	16.00	16.70
		MID	QPSK	16.01	16.02	15.94	16.70
		HIGH	QPSK	15.85	16.03	15.93	16.70
	25	LOW	QPSK	16.11	15.96	16.11	16.70
5	1	LOW	Q16	15.82	15.92	15.94	16.70
		MID	Q16	15.97	15.84	15.92	16.70
		HIGH	Q16	16.06	15.84	16.05	16.70
	12	LOW	Q16	15.86	16.11	16.10	16.70
		MID	Q16	15.97	16.02	15.83	16.70
		HIGH	Q16	15.93	15.82	15.91	16.70
	25	LOW	Q16	16.07	15.96	15.85	16.70
5	1	LOW	64QAM	16.05	15.96	15.87	16.70
		MID	64QAM	16.05	15.87	15.89	16.70
		HIGH	64QAM	15.92	15.81	15.83	16.70
	12	LOW	64QAM	15.89	16.06	16.07	16.70
		MID	64QAM	16.12	16.03	15.94	16.70
		HIGH	64QAM	15.88	15.84	15.83	16.70
	25	LOW	64QAM	15.87	16.02	16.04	16.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.97	15.93	16.02	16.70
		MID	QPSK	16.10	16.11	15.86	16.70
		HIGH	QPSK	15.99	15.99	15.92	16.70
	25	LOW	QPSK	16.06	16.12	15.85	16.70
		MID	QPSK	16.05	16.04	15.85	16.70
		HIGH	QPSK	15.92	15.96	16.03	16.70
	50	LOW	QPSK	15.95	15.99	15.81	16.70
10	1	LOW	Q16	16.06	16.08	15.94	16.70
		MID	Q16	15.84	16.12	16.02	16.70
		HIGH	Q16	15.99	15.82	16.01	16.70
	25	LOW	Q16	15.84	16.10	16.04	16.70
		MID	Q16	15.88	15.89	15.99	16.70
		HIGH	Q16	16.01	15.98	15.87	16.70
	50	LOW	Q16	15.96	16.02	16.04	16.70
10	1	LOW	64QAM	16.10	15.85	15.87	16.70
		MID	64QAM	15.83	15.90	15.88	16.70
		HIGH	64QAM	15.81	15.81	15.83	16.70
	25	LOW	64QAM	16.06	15.97	15.91	16.70
		MID	64QAM	15.95	16.00	16.04	16.70
		HIGH	64QAM	15.90	15.92	16.00	16.70
	50	LOW	64QAM	16.06	15.85	15.91	16.70

LTE B7-LEVEL 1 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.82	15.87	15.89	16.70
		MID	QPSK	15.93	15.88	16.00	16.70
		HIGH	QPSK	15.86	15.98	15.99	16.70
	36	LOW	QPSK	15.91	15.96	15.89	16.70
		MID	QPSK	15.97	16.12	16.08	16.70
		HIGH	QPSK	15.94	15.98	15.85	16.70
	75	LOW	QPSK	16.00	15.95	15.91	16.70
15	1	LOW	Q16	15.84	16.06	15.90	16.70
		MID	Q16	16.10	15.87	16.09	16.70
		HIGH	Q16	16.04	16.04	16.11	16.70
	36	LOW	Q16	15.99	15.85	16.09	16.70
		MID	Q16	16.00	16.04	16.11	16.70
		HIGH	Q16	16.02	16.10	15.91	16.70
	75	LOW	Q16	15.97	16.10	15.97	16.70
15	1	LOW	64QAM	16.12	15.83	15.87	16.70
		MID	64QAM	15.86	16.12	16.02	16.70
		HIGH	64QAM	16.04	16.06	16.06	16.70
	36	LOW	64QAM	16.09	15.93	15.90	16.70
		MID	64QAM	15.88	15.92	15.86	16.70
		HIGH	64QAM	16.04	15.99	15.91	16.70
	75	LOW	64QAM	16.10	16.00	15.82	16.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.97	**16.12**	15.86	16.70
		MID	QPSK	15.92	16.05	16.00	16.70
		HIGH	QPSK	15.81	16.00	15.86	16.70
	50	LOW	QPSK	15.91	15.81	15.99	16.70
		MID	QPSK	15.90	**16.01**	15.92	16.70
		HIGH	QPSK	15.85	15.88	15.89	16.70
	100	LOW	QPSK	15.89	16.12	15.88	16.70
20	1	LOW	Q16	16.11	16.08	15.91	16.70
		MID	Q16	16.02	16.01	15.87	16.70
		HIGH	Q16	16.01	15.93	15.90	16.70
	50	LOW	Q16	15.92	15.82	15.97	16.70
		MID	Q16	16.08	16.12	15.81	16.70
		HIGH	Q16	15.93	15.99	16.09	16.70
	100	LOW	Q16	15.88	16.09	15.93	16.70
20	1	LOW	64QAM	16.03	15.84	15.91	16.70
		MID	64QAM	16.08	16.11	16.12	16.70
		HIGH	64QAM	15.96	16.10	15.98	16.70
	50	LOW	64QAM	15.81	15.98	16.11	16.70
		MID	64QAM	16.11	15.95	15.98	16.70
		HIGH	64QAM	15.99	15.81	16.01	16.70
	100	LOW	64QAM	15.94	15.91	16.02	16.70

LTE B7-LEVEL 2&3 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	13.94	13.87	13.84	14.70
		MID	QPSK	13.85	13.97	13.96	14.70
		HIGH	QPSK	13.87	14.08	13.81	14.70
	12	LOW	QPSK	13.87	14.01	14.11	14.70
		MID	QPSK	14.12	13.86	14.10	14.70
		HIGH	QPSK	13.85	13.87	14.10	14.70
	25	LOW	QPSK	13.86	13.94	14.09	14.70
5	1	LOW	Q16	13.89	13.87	13.93	14.70
		MID	Q16	14.02	13.92	14.06	14.70
		HIGH	Q16	13.84	14.02	13.97	14.70
	12	LOW	Q16	14.10	14.10	13.91	14.70
		MID	Q16	14.00	14.09	13.98	14.70
		HIGH	Q16	14.08	13.98	14.06	14.70
	25	LOW	Q16	14.07	13.99	14.09	14.70
5	1	LOW	64QAM	13.87	13.88	13.90	14.70
		MID	64QAM	14.09	14.02	14.06	14.70
		HIGH	64QAM	13.89	14.02	14.04	14.70
	12	LOW	64QAM	14.02	13.86	13.83	14.70
		MID	64QAM	13.86	13.93	14.08	14.70
		HIGH	64QAM	14.09	13.84	13.85	14.70
	25	LOW	64QAM	13.97	13.91	14.06	14.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	14.00	13.87	13.94	14.70
		MID	QPSK	13.98	13.90	14.03	14.70
		HIGH	QPSK	13.92	14.03	13.92	14.70
	25	LOW	QPSK	13.99	13.86	13.87	14.70
		MID	QPSK	14.07	13.89	13.84	14.70
		HIGH	QPSK	13.96	13.91	14.12	14.70
	50	LOW	QPSK	13.98	14.01	13.94	14.70
10	1	LOW	Q16	13.97	13.87	13.97	14.70
		MID	Q16	14.09	13.89	13.89	14.70
		HIGH	Q16	13.88	14.08	14.07	14.70
	25	LOW	Q16	13.93	14.09	13.86	14.70
		MID	Q16	14.11	13.99	14.10	14.70
		HIGH	Q16	14.01	14.05	13.94	14.70
	50	LOW	Q16	13.89	13.99	13.93	14.70
10	1	LOW	64QAM	14.09	13.98	13.86	14.70
		MID	64QAM	13.97	13.88	13.94	14.70
		HIGH	64QAM	14.02	13.86	13.86	14.70
	25	LOW	64QAM	13.96	13.95	13.85	14.70
		MID	64QAM	13.91	13.90	13.84	14.70
		HIGH	64QAM	13.81	14.03	13.84	14.70
	50	LOW	64QAM	14.01	13.94	14.04	14.70

LTE B7-LEVEL 2&3 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.02	14.09	13.87	14.70
		MID	QPSK	14.00	13.87	13.87	14.70
		HIGH	QPSK	14.09	14.00	14.01	14.70
	36	LOW	QPSK	13.83	13.95	14.04	14.70
		MID	QPSK	14.00	13.85	13.83	14.70
		HIGH	QPSK	13.92	13.85	14.09	14.70
	75	LOW	QPSK	13.90	13.81	13.95	14.70
15	1	LOW	Q16	14.09	14.06	13.82	14.70
		MID	Q16	13.89	13.81	13.99	14.70
		HIGH	Q16	13.88	14.03	14.01	14.70
	36	LOW	Q16	13.95	13.83	13.82	14.70
		MID	Q16	13.82	14.11	13.84	14.70
		HIGH	Q16	13.82	13.87	13.94	14.70
	75	LOW	Q16	13.94	14.04	13.82	14.70
15	1	LOW	64QAM	13.89	14.12	13.98	14.70
		MID	64QAM	14.02	13.84	13.96	14.70
		HIGH	64QAM	13.94	13.87	13.99	14.70
	36	LOW	64QAM	14.07	14.09	14.08	14.70
		MID	64QAM	13.81	14.08	14.12	14.70
		HIGH	64QAM	13.82	14.05	13.95	14.70
	75	LOW	64QAM	14.12	13.82	13.89	14.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	13.86	13.82	13.99	14.70
		MID	QPSK	14.04	13.92	13.90	14.70
		HIGH	QPSK	13.85	14.10	**14.11**	14.70
	50	LOW	QPSK	13.83	13.96	13.90	14.70
		MID	QPSK	**14.09**	**14.09**	13.83	14.70
		HIGH	QPSK	14.05	13.89	13.90	14.70
	100	LOW	QPSK	14.04	13.84	13.84	14.70
20	1	LOW	Q16	13.86	13.84	13.98	14.70
		MID	Q16	13.99	14.11	13.98	14.70
		HIGH	Q16	13.99	14.09	13.83	14.70
	50	LOW	Q16	14.10	14.12	13.94	14.70
		MID	Q16	14.01	13.90	13.82	14.70
		HIGH	Q16	13.90	14.04	13.93	14.70
	100	LOW	Q16	13.93	14.03	14.06	14.70
20	1	LOW	64QAM	13.98	13.90	14.09	14.70
		MID	64QAM	13.92	14.00	13.95	14.70
		HIGH	64QAM	13.92	13.98	13.90	14.70
	50	LOW	64QAM	13.95	13.83	13.97	14.70
		MID	64QAM	13.99	13.98	13.98	14.70
		HIGH	64QAM	13.90	13.92	14.01	14.70
	100	LOW	64QAM	14.01	13.85	14.02	14.70

LTE B7-LEVEL 4 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.87	18.08	18.07	18.70
		MID	QPSK	18.03	17.85	18.07	18.70
		HIGH	QPSK	17.83	18.10	18.01	18.70
	12	LOW	QPSK	17.86	18.07	17.99	18.70
		MID	QPSK	18.08	18.04	18.04	18.70
		HIGH	QPSK	17.88	17.87	17.86	18.70
	25	LOW	QPSK	18.00	17.99	17.90	18.70
5	1	LOW	Q16	18.12	17.85	18.04	18.70
		MID	Q16	18.02	18.00	17.92	18.70
		HIGH	Q16	17.82	17.85	17.86	18.70
	12	LOW	Q16	17.87	17.92	18.07	18.70
		MID	Q16	17.85	18.02	17.93	18.70
		HIGH	Q16	18.00	17.94	17.84	18.70
	25	LOW	Q16	18.04	17.95	18.12	18.70
5	1	LOW	64QAM	17.90	17.82	17.96	18.70
		MID	64QAM	18.11	17.86	18.00	18.70
		HIGH	64QAM	17.91	18.07	17.91	18.70
	12	LOW	64QAM	17.99	18.00	17.84	18.70
		MID	64QAM	17.98	17.95	18.09	18.70
		HIGH	64QAM	17.97	18.01	17.94	18.70
	25	LOW	64QAM	17.81	18.11	17.83	18.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.97	17.92	17.84	18.70
		MID	QPSK	17.96	17.90	17.92	18.70
		HIGH	QPSK	17.81	18.07	18.00	18.70
	25	LOW	QPSK	18.01	18.09	18.07	18.70
		MID	QPSK	17.82	17.95	17.99	18.70
		HIGH	QPSK	18.07	18.04	17.85	18.70
	50	LOW	QPSK	18.08	17.96	17.82	18.70
10	1	LOW	Q16	17.90	17.96	18.05	18.70
		MID	Q16	17.85	18.07	17.93	18.70
		HIGH	Q16	18.05	18.03	17.82	18.70
	25	LOW	Q16	17.94	17.96	18.06	18.70
		MID	Q16	18.12	18.04	18.03	18.70
		HIGH	Q16	18.02	17.96	17.88	18.70
	50	LOW	Q16	18.05	18.05	18.03	18.70
10	1	LOW	64QAM	17.97	18.11	18.09	18.70
		MID	64QAM	17.85	17.82	18.03	18.70
		HIGH	64QAM	17.89	17.91	17.89	18.70
	25	LOW	64QAM	18.01	18.10	17.94	18.70
		MID	64QAM	17.96	18.03	17.99	18.70
		HIGH	64QAM	17.93	17.86	18.05	18.70
	50	LOW	64QAM	17.91	18.07	18.05	18.70

LTE B7-LEVEL 4 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.91	17.87	18.06	18.70
		MID	QPSK	18.01	17.84	17.92	18.70
		HIGH	QPSK	17.84	17.81	17.87	18.70
	36	LOW	QPSK	17.86	17.83	17.81	18.70
		MID	QPSK	18.00	17.87	17.97	18.70
		HIGH	QPSK	17.98	17.99	17.86	18.70
	75	LOW	QPSK	18.12	18.08	18.08	18.70
15	1	LOW	Q16	17.95	17.87	17.98	18.70
		MID	Q16	18.05	18.00	18.01	18.70
		HIGH	Q16	18.01	17.96	18.05	18.70
	36	LOW	Q16	18.07	18.11	17.86	18.70
		MID	Q16	17.94	17.96	18.09	18.70
		HIGH	Q16	17.97	17.99	17.88	18.70
	75	LOW	Q16	17.82	17.98	17.81	18.70
15	1	LOW	64QAM	17.83	17.96	18.10	18.70
		MID	64QAM	18.10	17.94	18.12	18.70
		HIGH	64QAM	17.88	18.06	18.05	18.70
	36	LOW	64QAM	18.04	17.98	17.97	18.70
		MID	64QAM	17.94	18.11	18.08	18.70
		HIGH	64QAM	18.10	17.87	17.91	18.70
	75	LOW	64QAM	18.11	17.86	18.07	18.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.03	17.99	18.06	18.70
		MID	QPSK	17.88	17.98	17.96	18.70
		HIGH	QPSK	17.94	**18.12**	17.84	18.70
	50	LOW	QPSK	17.92	**18.08**	17.82	18.70
		MID	QPSK	18.05	17.86	18.06	18.70
		HIGH	QPSK	17.82	17.91	17.86	18.70
	100	LOW	QPSK	17.94	18.03	18.12	18.70
20	1	LOW	Q16	17.99	17.94	17.84	18.70
		MID	Q16	18.12	18.09	18.09	18.70
		HIGH	Q16	18.10	17.97	17.81	18.70
	50	LOW	Q16	17.92	17.88	18.07	18.70
		MID	Q16	17.99	17.85	18.12	18.70
		HIGH	Q16	18.10	18.01	18.06	18.70
	100	LOW	Q16	17.99	18.02	17.83	18.70
20	1	LOW	64QAM	18.02	17.89	17.91	18.70
		MID	64QAM	17.87	17.94	17.97	18.70
		HIGH	64QAM	18.06	18.07	18.08	18.70
	50	LOW	64QAM	18.03	17.99	17.84	18.70
		MID	64QAM	17.91	18.11	17.95	18.70
		HIGH	64QAM	17.84	17.89	17.96	18.70
	100	LOW	64QAM	17.87	17.94	17.99	18.70

LTE B7-LEVEL 5&6 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.35	15.61	15.45	16.20
		MID	QPSK	15.53	15.55	15.36	16.20
		HIGH	QPSK	15.61	15.47	15.54	16.20
	12	LOW	QPSK	15.32	15.62	15.39	16.20
		MID	QPSK	15.43	15.45	15.38	16.20
		HIGH	QPSK	15.62	15.53	15.62	16.20
	25	LOW	QPSK	15.42	15.53	15.60	16.20
5	1	LOW	Q16	15.38	15.52	15.45	16.20
		MID	Q16	15.58	15.31	15.42	16.20
		HIGH	Q16	15.35	15.45	15.61	16.20
	12	LOW	Q16	15.54	15.57	15.33	16.20
		MID	Q16	15.50	15.38	15.34	16.20
		HIGH	Q16	15.34	15.36	15.41	16.20
	25	LOW	Q16	15.60	15.39	15.43	16.20
5	1	LOW	64QAM	15.41	15.57	15.36	16.20
		MID	64QAM	15.46	15.37	15.48	16.20
		HIGH	64QAM	15.46	15.51	15.53	16.20
	12	LOW	64QAM	15.40	15.33	15.32	16.20
		MID	64QAM	15.32	15.46	15.50	16.20
		HIGH	64QAM	15.51	15.57	15.48	16.20
	25	LOW	64QAM	15.61	15.47	15.56	16.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.55	15.52	15.38	16.20
		MID	QPSK	15.43	15.50	15.57	16.20
		HIGH	QPSK	15.52	15.61	15.50	16.20
	25	LOW	QPSK	15.42	15.51	15.42	16.20
		MID	QPSK	15.47	15.49	15.49	16.20
		HIGH	QPSK	15.53	15.54	15.38	16.20
	50	LOW	QPSK	15.42	15.53	15.43	16.20
10	1	LOW	Q16	15.46	15.32	15.32	16.20
		MID	Q16	15.52	15.62	15.37	16.20
		HIGH	Q16	15.53	15.41	15.38	16.20
	25	LOW	Q16	15.31	15.57	15.31	16.20
		MID	Q16	15.47	15.46	15.54	16.20
		HIGH	Q16	15.57	15.47	15.46	16.20
	50	LOW	Q16	15.55	15.62	15.35	16.20
10	1	LOW	64QAM	15.37	15.49	15.57	16.20
		MID	64QAM	15.51	15.60	15.43	16.20
		HIGH	64QAM	15.36	15.34	15.41	16.20
	25	LOW	64QAM	15.62	15.49	15.59	16.20
		MID	64QAM	15.57	15.47	15.33	16.20
		HIGH	64QAM	15.33	15.33	15.50	16.20
	50	LOW	64QAM	15.51	15.31	15.40	16.20

LTE B7-LEVEL 5&6 -Ant.6(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.46	15.42	15.33	16.20
		MID	QPSK	15.59	15.45	15.31	16.20
		HIGH	QPSK	15.31	15.32	15.41	16.20
	36	LOW	QPSK	15.62	15.59	15.56	16.20
		MID	QPSK	15.32	15.47	15.50	16.20
		HIGH	QPSK	15.49	15.47	15.60	16.20
	75	LOW	QPSK	15.37	15.42	15.58	16.20
15	1	LOW	Q16	15.36	15.39	15.49	16.20
		MID	Q16	15.59	15.54	15.36	16.20
		HIGH	Q16	15.33	15.35	15.62	16.20
	36	LOW	Q16	15.36	15.34	15.55	16.20
		MID	Q16	15.48	15.38	15.48	16.20
		HIGH	Q16	15.47	15.43	15.55	16.20
	75	LOW	Q16	15.53	15.44	15.43	16.20
15	1	LOW	64QAM	15.35	15.37	15.61	16.20
		MID	64QAM	15.32	15.33	15.43	16.20
		HIGH	64QAM	15.53	15.33	15.36	16.20
	36	LOW	64QAM	15.47	15.38	15.34	16.20
		MID	64QAM	15.32	15.48	15.44	16.20
		HIGH	64QAM	15.52	15.47	15.53	16.20
	75	LOW	64QAM	15.40	15.51	15.31	16.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.48	15.49	15.33	16.20
		MID	QPSK	15.49	15.32	**15.61**	16.20
		HIGH	QPSK	15.53	15.45	15.48	16.20
	50	LOW	QPSK	15.61	15.37	15.50	16.20
		MID	QPSK	15.58	15.44	15.38	16.20
		HIGH	QPSK	15.58	15.57	**15.62**	16.20
	100	LOW	QPSK	15.62	15.36	15.59	16.20
20	1	LOW	Q16	15.45	15.47	15.45	16.20
		MID	Q16	15.59	15.55	15.61	16.20
		HIGH	Q16	15.37	15.48	15.56	16.20
	50	LOW	Q16	15.35	15.57	15.47	16.20
		MID	Q16	15.62	15.36	15.42	16.20
		HIGH	Q16	15.37	15.54	15.60	16.20
	100	LOW	Q16	15.49	15.44	15.57	16.20
20	1	LOW	64QAM	15.59	15.58	15.50	16.20
		MID	64QAM	15.42	15.57	15.39	16.20
		HIGH	64QAM	15.43	15.42	15.38	16.20
	50	LOW	64QAM	15.55	15.39	15.39	16.20
		MID	64QAM	15.40	15.44	15.62	16.20
		HIGH	64QAM	15.31	15.35	15.37	16.20
	100	LOW	64QAM	15.53	15.33	15.53	16.20

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.67	23.49	23.72	24.80
		MID	QPSK	23.48	23.58	23.73	24.80
		HIGH	QPSK	23.46	23.74	23.48	24.80
	3	LOW	QPSK	23.80	23.44	23.44	24.80
		MID	QPSK	23.72	23.65	23.73	24.80
		HIGH	QPSK	23.75	23.75	23.47	24.80
	6	LOW	QPSK	22.55	22.45	22.71	23.80
1.4	1	LOW	Q16	22.62	22.57	23.10	23.80
		MID	Q16	22.59	22.62	22.85	23.80
		HIGH	Q16	22.75	22.36	22.86	23.80
	3	LOW	Q16	22.68	22.64	22.90	23.80
		MID	Q16	22.78	22.40	22.97	23.80
		HIGH	Q16	22.59	22.62	23.02	23.80
	6	LOW	Q16	21.43	21.53	21.68	22.80
1.4	1	LOW	64QAM	21.83	21.52	21.89	22.80
		MID	64QAM	21.67	21.64	21.92	22.80
		HIGH	64QAM	21.57	21.60	22.14	22.80
	3	LOW	64QAM	21.87	21.61	21.96	22.80
		MID	64QAM	21.69	21.70	22.15	22.80
		HIGH	64QAM	21.44	21.47	22.16	22.80
	6	LOW	64QAM	20.68	20.55	20.45	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.73	23.55	23.63	24.80
		MID	QPSK	23.43	23.68	23.50	24.80
		HIGH	QPSK	23.67	23.61	23.71	24.80
	8	LOW	QPSK	22.31	22.66	22.58	23.80
		MID	QPSK	22.65	22.49	22.69	23.80
		HIGH	QPSK	22.60	22.43	22.44	23.80
	15	LOW	QPSK	22.55	22.63	22.80	23.80
3	1	LOW	Q16	22.72	22.44	22.85	23.80
		MID	Q16	22.53	22.55	22.87	23.80
		HIGH	Q16	22.73	22.53	23.11	23.80
	8	LOW	Q16	21.66	21.68	21.70	22.80
		MID	Q16	21.81	21.66	21.69	22.80
		HIGH	Q16	21.65	21.55	21.68	22.80
	15	LOW	Q16	21.42	21.43	21.67	22.80
3	1	LOW	64QAM	21.76	21.68	21.71	22.80
		MID	64QAM	21.92	21.48	22.04	22.80
		HIGH	64QAM	21.68	21.45	21.96	22.80
	8	LOW	64QAM	20.81	20.32	20.82	21.80
		MID	64QAM	20.67	20.36	20.69	21.80
		HIGH	64QAM	20.83	20.34	20.69	21.80
	15	LOW	64QAM	20.51	20.79	20.71	21.80

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	23.68	23.53	24.80
		MID	QPSK	23.49	23.69	23.45	24.80
		HIGH	QPSK	23.74	23.62	23.62	24.80
	12	LOW	QPSK	22.46	22.48	22.68	23.80
		MID	QPSK	22.68	22.60	22.69	23.80
		HIGH	QPSK	22.71	22.44	22.69	23.80
	25	LOW	QPSK	22.56	22.40	22.77	23.80
5	1	LOW	Q16	22.85	22.43	23.08	23.80
		MID	Q16	22.67	22.53	23.04	23.80
		HIGH	Q16	22.80	22.57	23.04	23.80
	12	LOW	Q16	21.74	21.72	21.78	22.80
		MID	Q16	21.74	21.59	21.69	22.80
		HIGH	Q16	21.70	21.46	21.54	22.80
	25	LOW	Q16	21.56	21.40	21.53	22.80
5	1	LOW	64QAM	21.66	21.37	21.79	22.80
		MID	64QAM	21.70	21.41	22.01	22.80
		HIGH	64QAM	21.63	21.68	22.07	22.80
	12	LOW	64QAM	20.59	20.50	20.80	21.80
		MID	64QAM	20.75	20.81	20.49	21.80
		HIGH	64QAM	20.67	20.55	20.59	21.80
	25	LOW	64QAM	20.84	20.50	20.53	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.57	23.59	24.80
		MID	QPSK	23.58	**23.69**	23.59	24.80
		HIGH	QPSK	23.61	23.61	23.62	24.80
	25	LOW	QPSK	22.46	**22.63**	22.62	23.80
		MID	QPSK	22.58	22.59	22.60	23.80
		HIGH	QPSK	22.57	22.51	22.59	23.80
	50	LOW	QPSK	22.56	22.55	22.69	23.80
10	1	LOW	Q16	22.74	22.50	22.96	23.80
		MID	Q16	22.65	22.54	22.96	23.80
		HIGH	Q16	22.65	22.49	22.96	23.80
	25	LOW	Q16	21.59	21.59	21.69	22.80
		MID	Q16	21.70	21.58	21.60	22.80
		HIGH	Q16	21.65	21.50	21.64	22.80
	50	LOW	Q16	21.57	21.51	21.65	22.80
10	1	LOW	64QAM	21.74	21.44	21.86	22.80
		MID	64QAM	21.79	21.56	21.88	22.80
		HIGH	64QAM	21.62	21.57	22.09	22.80
	25	LOW	64QAM	20.65	20.53	20.67	21.80
		MID	64QAM	20.70	20.67	20.48	21.80
		HIGH	64QAM	20.56	20.54	20.71	21.80
	50	LOW	64QAM	20.69	20.63	20.52	21.80

LTE B12-LEVEL1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.77	21.89	21.89	22.80
		MID	QPSK	21.81	21.88	21.99	22.80
		HIGH	QPSK	21.92	21.78	21.92	22.80
	3	LOW	QPSK	21.70	21.99	21.85	22.80
		MID	QPSK	21.82	21.99	21.99	22.80
		HIGH	QPSK	21.87	22.01	22.12	22.80
	6	LOW	QPSK	21.89	21.81	21.95	22.80
1.4	1	LOW	Q16	21.91	21.87	22.31	22.80
		MID	Q16	21.86	21.73	22.43	22.80
		HIGH	Q16	22.00	22.04	22.35	22.80
	3	LOW	Q16	21.93	22.01	22.34	22.80
		MID	Q16	21.93	21.71	22.35	22.80
		HIGH	Q16	22.02	22.02	22.34	22.80
	6	LOW	Q16	21.74	21.83	22.10	22.80
1.4	1	LOW	64QAM	21.90	21.97	22.15	22.80
		MID	64QAM	21.74	21.62	22.10	22.80
		HIGH	64QAM	21.76	21.73	22.54	22.80
	3	LOW	64QAM	21.95	22.15	22.04	22.80
		MID	64QAM	21.84	21.63	22.22	22.80
		HIGH	64QAM	21.75	21.80	22.34	22.80
	6	LOW	64QAM	20.77	20.86	20.95	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	21.95	21.73	21.93	22.80
		MID	QPSK	21.71	21.91	21.92	22.80
		HIGH	QPSK	21.90	21.86	22.05	22.80
	8	LOW	QPSK	21.78	21.92	21.80	22.80
		MID	QPSK	21.77	21.86	21.96	22.80
		HIGH	QPSK	21.69	21.66	21.95	22.80
	15	LOW	QPSK	21.91	21.93	21.99	22.80
3	1	LOW	Q16	22.09	21.78	22.30	22.80
		MID	Q16	22.09	21.88	22.31	22.80
		HIGH	Q16	21.92	21.92	22.42	22.80
	8	LOW	Q16	21.89	21.86	21.91	22.80
		MID	Q16	22.04	21.80	21.80	22.80
		HIGH	Q16	21.83	21.82	21.95	22.80
	15	LOW	Q16	21.77	21.67	21.98	22.80
3	1	LOW	64QAM	22.11	21.99	22.06	22.80
		MID	64QAM	21.99	21.71	22.26	22.80
		HIGH	64QAM	21.96	21.87	22.42	22.80
	8	LOW	64QAM	21.07	21.05	20.84	21.80
		MID	64QAM	21.06	21.04	20.91	21.80
		HIGH	64QAM	20.87	20.81	21.26	21.80
	15	LOW	64QAM	20.90	21.08	21.03	21.80

LTE B12-LEVEL1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	21.77	21.91	21.92	22.80
		MID	QPSK	21.91	21.93	21.74	22.80
		HIGH	QPSK	21.84	21.76	22.05	22.80
	12	LOW	QPSK	21.85	21.92	21.96	22.80
		MID	QPSK	21.71	21.91	21.97	22.80
		HIGH	QPSK	21.81	21.85	22.09	22.80
	25	LOW	QPSK	21.95	21.92	21.97	22.80
5	1	LOW	Q16	21.93	21.98	22.35	22.80
		MID	Q16	21.90	21.81	22.23	22.80
		HIGH	Q16	22.02	21.79	22.29	22.80
	12	LOW	Q16	21.96	21.90	22.14	22.80
		MID	Q16	21.92	21.80	22.10	22.80
		HIGH	Q16	21.93	21.71	21.99	22.80
	25	LOW	Q16	21.77	21.85	21.94	22.80
5	1	LOW	64QAM	22.06	21.77	22.12	22.80
		MID	64QAM	21.85	21.67	22.36	22.80
		HIGH	64QAM	21.84	21.93	22.19	22.80
	12	LOW	64QAM	21.12	20.93	21.15	21.80
		MID	64QAM	21.04	20.95	21.00	21.80
		HIGH	64QAM	20.78	20.94	20.99	21.80
	25	LOW	64QAM	20.86	20.90	21.15	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	21.85	**22.00**	21.86	22.80
		MID	QPSK	21.86	21.84	21.89	22.80
		HIGH	QPSK	21.87	21.87	21.96	22.80
	25	LOW	QPSK	21.77	21.80	21.91	22.80
		MID	QPSK	21.86	**21.95**	21.92	22.80
		HIGH	QPSK	21.84	21.76	21.94	22.80
	50	LOW	QPSK	21.83	21.81	21.99	22.80
10	1	LOW	Q16	22.00	21.88	22.20	22.80
		MID	Q16	21.96	21.79	22.28	22.80
		HIGH	Q16	21.94	21.89	22.39	22.80
	25	LOW	Q16	21.93	21.87	22.00	22.80
		MID	Q16	22.04	21.93	21.95	22.80
		HIGH	Q16	21.96	21.82	22.04	22.80
	50	LOW	Q16	21.87	21.81	21.98	22.80
10	1	LOW	64QAM	22.15	21.85	22.08	22.80
		MID	64QAM	21.97	21.70	22.42	22.80
		HIGH	64QAM	21.85	21.89	22.31	22.80
	25	LOW	64QAM	21.03	21.01	21.13	21.80
		MID	64QAM	21.00	20.95	21.04	21.80
		HIGH	64QAM	20.89	20.82	21.00	21.80
	50	LOW	64QAM	20.79	20.85	21.10	21.80

LTE B12-LEVEL2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.27	20.23	20.16	21.30
		MID	QPSK	20.34	20.23	20.20	21.30
		HIGH	QPSK	20.44	20.40	20.61	21.30
	3	LOW	QPSK	20.28	20.37	20.25	21.30
		MID	QPSK	20.34	20.20	20.22	21.30
		HIGH	QPSK	20.25	20.18	20.33	21.30
	6	LOW	QPSK	20.16	20.35	20.59	21.30
1.4	1	LOW	Q16	20.51	20.32	20.71	21.30
		MID	Q16	20.60	20.19	20.88	21.30
		HIGH	Q16	20.25	20.52	20.91	21.30
	3	LOW	Q16	20.41	20.43	20.78	21.30
		MID	Q16	20.41	20.23	20.89	21.30
		HIGH	Q16	20.51	20.32	20.79	21.30
	6	LOW	Q16	20.37	20.35	20.47	21.30
1.4	1	LOW	64QAM	20.29	20.51	20.83	21.30
		MID	64QAM	20.34	20.56	20.92	21.30
		HIGH	64QAM	20.49	20.34	20.70	21.30
	3	LOW	64QAM	20.38	20.38	20.92	21.30
		MID	64QAM	20.47	20.37	20.81	21.30
		HIGH	64QAM	20.50	20.50	20.72	21.30
	6	LOW	64QAM	20.51	20.03	20.27	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	20.38	20.24	20.12	21.30
		MID	QPSK	20.42	20.40	20.33	21.30
		HIGH	QPSK	20.22	20.40	20.63	21.30
	8	LOW	QPSK	20.10	20.12	20.48	21.30
		MID	QPSK	20.19	20.38	20.45	21.30
		HIGH	QPSK	20.33	20.14	20.38	21.30
	15	LOW	QPSK	20.17	20.34	20.46	21.30
3	1	LOW	Q16	20.36	20.46	20.62	21.30
		MID	Q16	20.60	20.33	20.76	21.30
		HIGH	Q16	20.33	20.42	20.75	21.30
	8	LOW	Q16	20.44	20.38	20.46	21.30
		MID	Q16	20.43	20.55	20.34	21.30
		HIGH	Q16	20.43	20.25	20.43	21.30
	15	LOW	Q16	20.21	20.40	20.44	21.30
3	1	LOW	64QAM	20.24	20.46	20.83	21.30
		MID	64QAM	20.32	20.47	20.65	21.30
		HIGH	64QAM	20.59	20.26	20.78	21.30
	8	LOW	64QAM	20.39	20.18	20.37	21.30
		MID	64QAM	20.27	20.38	20.35	21.30
		HIGH	64QAM	20.30	20.50	20.50	21.30
	15	LOW	64QAM	20.44	20.07	20.40	21.30

LTE B12-LEVEL2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	20.51	20.30	20.42	21.30
		MID	QPSK	20.46	20.28	20.39	21.30
		HIGH	QPSK	20.22	20.41	20.49	21.30
	12	LOW	QPSK	20.09	20.13	20.35	21.30
		MID	QPSK	20.36	20.21	20.42	21.30
		HIGH	QPSK	20.32	20.20	20.34	21.30
	25	LOW	QPSK	20.21	20.23	20.56	21.30
5	1	LOW	Q16	20.33	20.30	20.74	21.30
		MID	Q16	20.40	20.41	20.61	21.30
		HIGH	Q16	20.28	20.24	20.72	21.30
	12	LOW	Q16	20.26	20.26	20.43	21.30
		MID	Q16	20.36	20.27	20.27	21.30
		HIGH	Q16	20.37	20.38	20.43	21.30
	25	LOW	Q16	20.45	20.39	20.61	21.30
5	1	LOW	64QAM	20.49	20.12	20.56	21.30
		MID	64QAM	20.37	20.48	20.91	21.30
		HIGH	64QAM	20.51	20.35	20.78	21.30
	12	LOW	64QAM	20.46	20.20	20.39	21.30
		MID	64QAM	20.63	20.51	20.19	21.30
		HIGH	64QAM	20.31	20.24	20.37	21.30
	25	LOW	64QAM	20.20	20.25	20.34	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	20.37	**20.48**	20.27	21.30
		MID	QPSK	20.33	20.31	20.34	21.30
		HIGH	QPSK	20.36	20.32	20.46	21.30
	25	LOW	QPSK	20.20	20.24	20.39	21.30
		MID	QPSK	20.32	**20.43**	20.35	21.30
		HIGH	QPSK	20.28	20.20	20.40	21.30
	50	LOW	QPSK	20.30	20.24	20.45	21.30
10	1	LOW	Q16	20.42	20.37	20.74	21.30
		MID	Q16	20.46	20.34	20.75	21.30
		HIGH	Q16	20.40	20.37	20.87	21.30
	25	LOW	Q16	20.39	20.30	20.45	21.30
		MID	Q16	20.45	20.40	20.41	21.30
		HIGH	Q16	20.43	20.25	20.50	21.30
	50	LOW	Q16	20.35	20.28	20.46	21.30
10	1	LOW	64QAM	20.54	20.27	20.64	21.30
		MID	64QAM	20.46	20.43	20.87	21.30
		HIGH	64QAM	20.47	20.40	20.80	21.30
	25	LOW	64QAM	20.42	20.17	20.30	21.30
		MID	64QAM	20.50	20.48	20.29	21.30
		HIGH	64QAM	20.43	20.23	20.51	21.30
	50	LOW	64QAM	20.29	20.26	20.32	21.30

LTE B12-LEVEL4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.81	23.07	22.98	23.80
		MID	QPSK	23.05	22.81	23.03	23.80
		HIGH	QPSK	23.10	23.06	23.17	23.80
	3	LOW	QPSK	23.03	22.92	22.91	23.80
		MID	QPSK	23.03	22.81	22.98	23.80
		HIGH	QPSK	22.90	22.96	23.18	23.80
	6	LOW	QPSK	22.87	22.81	22.94	23.80
1.4	1	LOW	Q16	23.13	22.97	23.18	23.80
		MID	Q16	23.14	22.79	23.37	23.80
		HIGH	Q16	23.05	22.85	23.40	23.80
	3	LOW	Q16	23.14	22.76	23.14	23.80
		MID	Q16	23.14	22.71	23.46	23.80
		HIGH	Q16	22.93	23.06	23.31	23.80
	6	LOW	Q16	22.03	21.94	22.11	22.80
1.4	1	LOW	64QAM	22.10	21.68	22.38	22.80
		MID	64QAM	22.06	21.91	22.28	22.80
		HIGH	64QAM	22.01	22.05	22.52	22.80
	3	LOW	64QAM	22.04	21.73	22.30	22.80
		MID	64QAM	22.12	21.91	22.29	22.80
		HIGH	64QAM	21.98	21.92	22.55	22.80
	6	LOW	64QAM	20.82	20.64	20.95	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.06	22.87	22.98	23.80
		MID	QPSK	23.03	22.82	22.75	23.80
		HIGH	QPSK	23.01	22.85	22.93	23.80
	8	LOW	QPSK	22.91	22.92	23.09	23.80
		MID	QPSK	22.99	23.02	22.85	23.80
		HIGH	QPSK	22.83	22.90	22.89	23.80
	15	LOW	QPSK	22.78	22.78	23.16	23.80
3	1	LOW	Q16	23.01	22.92	23.26	23.80
		MID	Q16	23.02	22.97	23.31	23.80
		HIGH	Q16	23.00	23.00	23.51	23.80
	8	LOW	Q16	21.82	22.00	22.12	22.80
		MID	Q16	22.10	21.81	21.94	22.80
		HIGH	Q16	21.95	21.88	22.16	22.80
	15	LOW	Q16	22.05	21.86	21.99	22.80
3	1	LOW	64QAM	21.96	21.88	22.25	22.80
		MID	64QAM	22.07	21.85	22.44	22.80
		HIGH	64QAM	22.03	22.20	22.35	22.80
	8	LOW	64QAM	20.85	21.10	20.92	21.80
		MID	64QAM	20.95	21.17	20.78	21.80
		HIGH	64QAM	20.85	20.69	21.26	21.80
	15	LOW	64QAM	20.96	20.57	20.98	21.80

LTE B12-LEVEL4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.00	22.84	22.83	23.80
		MID	QPSK	22.85	22.88	22.93	23.80
		HIGH	QPSK	22.91	23.08	23.03	23.80
	12	LOW	QPSK	22.75	22.98	22.84	23.80
		MID	QPSK	22.95	23.06	22.85	23.80
		HIGH	QPSK	22.94	22.81	22.99	23.80
	25	LOW	QPSK	22.85	22.93	23.07	23.80
5	1	LOW	Q16	23.05	23.03	23.42	23.80
		MID	Q16	22.94	22.98	23.25	23.80
		HIGH	Q16	22.94	22.91	23.32	23.80
	12	LOW	Q16	22.04	21.73	21.96	22.80
		MID	Q16	21.92	21.97	22.00	22.80
		HIGH	Q16	22.09	21.86	22.06	22.80
	25	LOW	Q16	22.01	21.87	22.00	22.80
5	1	LOW	64QAM	22.15	22.14	22.13	22.80
		MID	64QAM	21.99	21.88	22.32	22.80
		HIGH	64QAM	22.05	21.83	22.50	22.80
	12	LOW	64QAM	21.10	20.69	21.10	21.80
		MID	64QAM	21.07	20.91	20.98	21.80
		HIGH	64QAM	20.89	20.81	21.25	21.80
	25	LOW	64QAM	21.16	20.84	20.99	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.95	**23.04**	22.85	23.80
		MID	QPSK	22.93	22.88	22.90	23.80
		HIGH	QPSK	23.01	22.93	23.01	23.80
	25	LOW	QPSK	22.82	22.85	22.96	23.80
		MID	QPSK	22.93	**23.03**	22.96	23.80
		HIGH	QPSK	22.86	22.81	23.00	23.80
	50	LOW	QPSK	22.89	22.86	23.03	23.80
10	1	LOW	Q16	23.02	22.91	23.29	23.80
		MID	Q16	23.01	22.85	23.35	23.80
		HIGH	Q16	22.99	22.93	23.43	23.80
	25	LOW	Q16	21.96	21.86	22.03	22.80
		MID	Q16	22.04	21.96	21.96	22.80
		HIGH	Q16	21.97	21.86	22.08	22.80
	50	LOW	Q16	21.90	21.81	22.01	22.80
10	1	LOW	64QAM	22.14	22.02	22.17	22.80
		MID	64QAM	22.14	22.00	22.35	22.80
		HIGH	64QAM	22.14	21.94	22.39	22.80
	25	LOW	64QAM	20.97	20.82	20.96	21.80
		MID	64QAM	21.10	21.04	20.92	21.80
		HIGH	64QAM	20.96	20.85	21.19	21.80
	50	LOW	64QAM	21.02	20.86	20.92	21.80

LTE B12-LEVEL5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.27	20.23	20.16	21.30
		MID	QPSK	20.34	20.23	20.20	21.30
		HIGH	QPSK	20.44	20.40	20.61	21.30
	3	LOW	QPSK	20.28	20.37	20.25	21.30
		MID	QPSK	20.34	20.20	20.22	21.30
		HIGH	QPSK	20.25	20.18	20.33	21.30
	6	LOW	QPSK	20.16	20.35	20.59	21.30
1.4	1	LOW	Q16	20.51	20.32	20.71	21.30
		MID	Q16	20.60	20.19	20.88	21.30
		HIGH	Q16	20.25	20.52	20.91	21.30
	3	LOW	Q16	20.41	20.43	20.78	21.30
		MID	Q16	20.41	20.23	20.89	21.30
		HIGH	Q16	20.51	20.32	20.79	21.30
	6	LOW	Q16	20.37	20.35	20.47	21.30
1.4	1	LOW	64QAM	20.29	20.51	20.83	21.30
		MID	64QAM	20.34	20.56	20.92	21.30
		HIGH	64QAM	20.49	20.34	20.70	21.30
	3	LOW	64QAM	20.38	20.38	20.92	21.30
		MID	64QAM	20.47	20.37	20.81	21.30
		HIGH	64QAM	20.50	20.50	20.72	21.30
	6	LOW	64QAM	20.51	20.03	20.27	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	20.38	20.24	20.12	21.30
		MID	QPSK	20.42	20.40	20.33	21.30
		HIGH	QPSK	20.22	20.40	20.63	21.30
	8	LOW	QPSK	20.10	20.12	20.48	21.30
		MID	QPSK	20.19	20.38	20.45	21.30
		HIGH	QPSK	20.33	20.14	20.38	21.30
	15	LOW	QPSK	20.17	20.34	20.46	21.30
3	1	LOW	Q16	20.36	20.46	20.62	21.30
		MID	Q16	20.60	20.33	20.76	21.30
		HIGH	Q16	20.33	20.42	20.75	21.30
	8	LOW	Q16	20.44	20.38	20.46	21.30
		MID	Q16	20.43	20.55	20.34	21.30
		HIGH	Q16	20.43	20.25	20.43	21.30
	15	LOW	Q16	20.21	20.40	20.44	21.30
3	1	LOW	64QAM	20.24	20.46	20.83	21.30
		MID	64QAM	20.32	20.47	20.65	21.30
		HIGH	64QAM	20.59	20.26	20.78	21.30
	8	LOW	64QAM	20.39	20.18	20.37	21.30
		MID	64QAM	20.27	20.38	20.35	21.30
		HIGH	64QAM	20.30	20.50	20.50	21.30
	15	LOW	64QAM	20.44	20.07	20.40	21.30

LTE B12-LEVEL5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	20.51	20.30	20.42	21.30
		MID	QPSK	20.46	20.28	20.39	21.30
		HIGH	QPSK	20.22	20.41	20.49	21.30
	12	LOW	QPSK	20.09	20.13	20.35	21.30
		MID	QPSK	20.36	20.21	20.42	21.30
		HIGH	QPSK	20.32	20.20	20.34	21.30
	25	LOW	QPSK	20.21	20.23	20.56	21.30
5	1	LOW	Q16	20.33	20.30	20.74	21.30
		MID	Q16	20.40	20.41	20.61	21.30
		HIGH	Q16	20.28	20.24	20.72	21.30
	12	LOW	Q16	20.26	20.26	20.43	21.30
		MID	Q16	20.36	20.27	20.27	21.30
		HIGH	Q16	20.37	20.38	20.43	21.30
	25	LOW	Q16	20.45	20.39	20.61	21.30
5	1	LOW	64QAM	20.49	20.12	20.56	21.30
		MID	64QAM	20.37	20.48	20.91	21.30
		HIGH	64QAM	20.51	20.35	20.78	21.30
	12	LOW	64QAM	20.46	20.20	20.39	21.30
		MID	64QAM	20.63	20.51	20.19	21.30
		HIGH	64QAM	20.31	20.24	20.37	21.30
	25	LOW	64QAM	20.20	20.25	20.34	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	20.37	**20.48**	20.27	21.30
		MID	QPSK	20.33	20.31	20.34	21.30
		HIGH	QPSK	20.36	20.32	20.46	21.30
	25	LOW	QPSK	20.20	20.24	20.39	21.30
		MID	QPSK	20.32	**20.43**	20.35	21.30
		HIGH	QPSK	20.28	20.20	20.40	21.30
	50	LOW	QPSK	20.30	20.24	20.45	21.30
10	1	LOW	Q16	20.42	20.37	20.74	21.30
		MID	Q16	20.46	20.34	20.75	21.30
		HIGH	Q16	20.40	20.37	20.87	21.30
	25	LOW	Q16	20.39	20.30	20.45	21.30
		MID	Q16	20.45	20.40	20.41	21.30
		HIGH	Q16	20.43	20.25	20.50	21.30
	50	LOW	Q16	20.35	20.28	20.46	21.30
10	1	LOW	64QAM	20.54	20.27	20.64	21.30
		MID	64QAM	20.46	20.43	20.87	21.30
		HIGH	64QAM	20.47	20.40	20.80	21.30
	25	LOW	64QAM	20.42	20.17	20.30	21.30
		MID	64QAM	20.50	20.48	20.29	21.30
		HIGH	64QAM	20.43	20.23	20.51	21.30
	50	LOW	64QAM	20.29	20.26	20.32	21.30

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.60	23.50	24.70
		MID	QPSK	23.54	23.64	23.67	24.70
		HIGH	QPSK	23.69	23.75	23.69	24.70
	3	LOW	QPSK	23.85	23.74	23.56	24.70
		MID	QPSK	23.64	23.64	23.78	24.70
		HIGH	QPSK	23.65	23.56	23.65	24.70
	6	LOW	QPSK	22.55	22.67	22.78	23.70
1.4	1	LOW	Q16	22.80	22.60	22.87	23.70
		MID	Q16	22.70	22.49	23.03	23.70
		HIGH	Q16	22.76	22.55	22.89	23.70
	3	LOW	Q16	22.74	22.54	23.05	23.70
		MID	Q16	22.56	22.42	23.10	23.70
		HIGH	Q16	22.67	22.67	22.91	23.70
	6	LOW	Q16	21.64	21.57	21.59	22.70
1.4	1	LOW	64QAM	21.70	21.47	21.88	22.70
		MID	64QAM	21.65	21.58	21.88	22.70
		HIGH	64QAM	21.68	21.43	21.91	22.70
	3	LOW	64QAM	21.62	21.64	22.00	22.70
		MID	64QAM	21.78	21.62	21.76	22.70
		HIGH	64QAM	21.74	21.33	22.04	22.70
	6	LOW	64QAM	20.49	20.49	20.73	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.85	23.58	23.53	24.70
		MID	QPSK	23.58	23.81	23.75	24.70
		HIGH	QPSK	23.55	23.49	23.65	24.70
	8	LOW	QPSK	22.39	22.48	22.68	23.70
		MID	QPSK	22.76	22.61	22.79	23.70
		HIGH	QPSK	22.58	22.59	22.75	23.70
	15	LOW	QPSK	22.59	22.61	22.58	23.70
3	1	LOW	Q16	22.79	22.44	23.02	23.70
		MID	Q16	22.77	22.53	22.85	23.70
		HIGH	Q16	22.76	22.53	22.98	23.70
	8	LOW	Q16	21.47	21.77	21.74	22.70
		MID	Q16	21.74	21.59	21.63	22.70
		HIGH	Q16	21.81	21.62	21.74	22.70
	15	LOW	Q16	21.70	21.66	21.75	22.70
3	1	LOW	64QAM	21.73	21.64	21.98	22.70
		MID	64QAM	21.58	21.48	21.89	22.70
		HIGH	64QAM	21.93	21.42	21.97	22.70
	8	LOW	64QAM	20.77	20.65	20.73	21.70
		MID	64QAM	20.90	20.91	20.62	21.70
		HIGH	64QAM	20.83	20.42	20.41	21.70
	15	LOW	64QAM	20.41	20.30	20.71	21.70

LTE B12-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.87	23.60	23.55	24.70
		MID	QPSK	23.52	23.63	23.55	24.70
		HIGH	QPSK	23.57	23.71	23.57	24.70
	12	LOW	QPSK	22.35	22.71	22.54	23.70
		MID	QPSK	22.65	22.56	22.79	23.70
		HIGH	QPSK	22.58	22.50	22.65	23.70
	25	LOW	QPSK	22.75	22.71	22.73	23.70
5	1	LOW	Q16	22.87	22.51	22.84	23.70
		MID	Q16	22.70	22.58	23.07	23.70
		HIGH	Q16	22.68	22.65	23.09	23.70
	12	LOW	Q16	21.50	21.65	21.86	22.70
		MID	Q16	21.81	21.52	21.74	22.70
		HIGH	Q16	21.57	21.64	21.80	22.70
	25	LOW	Q16	21.68	21.44	21.68	22.70
5	1	LOW	64QAM	21.60	21.65	21.89	22.70
		MID	64QAM	21.53	21.54	21.85	22.70
		HIGH	64QAM	21.94	21.46	21.79	22.70
	12	LOW	64QAM	20.60	20.59	20.70	21.70
		MID	64QAM	20.67	20.92	20.74	21.70
		HIGH	64QAM	20.90	20.60	20.43	21.70
	25	LOW	64QAM	20.61	20.51	20.48	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.67	23.63	23.63	24.70
		MID	QPSK	23.62	**23.76**	23.64	24.70
		HIGH	QPSK	23.66	23.62	23.66	24.70
	25	LOW	QPSK	22.50	**22.66**	22.61	23.70
		MID	QPSK	22.64	22.60	22.64	23.70
		HIGH	QPSK	22.56	22.52	22.64	23.70
	50	LOW	QPSK	22.62	22.57	22.72	23.70
10	1	LOW	Q16	22.73	22.51	22.99	23.70
		MID	Q16	22.68	22.56	22.99	23.70
		HIGH	Q16	22.67	22.53	23.01	23.70
	25	LOW	Q16	21.58	21.63	21.72	22.70
		MID	Q16	21.71	21.64	21.64	22.70
		HIGH	Q16	21.67	21.50	21.68	22.70
	50	LOW	Q16	21.59	21.51	21.68	22.70
10	1	LOW	64QAM	21.65	21.53	21.91	22.70
		MID	64QAM	21.66	21.57	21.85	22.70
		HIGH	64QAM	21.81	21.39	21.89	22.70
	25	LOW	64QAM	20.72	20.61	20.74	21.70
		MID	64QAM	20.75	20.78	20.61	21.70
		HIGH	64QAM	20.82	20.51	20.55	21.70
	50	LOW	64QAM	20.52	20.40	20.63	21.70

LTE B12-LEVEL 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.60	23.50	24.70
		MID	QPSK	23.54	23.64	23.67	24.70
		HIGH	QPSK	23.69	23.75	23.69	24.70
	3	LOW	QPSK	23.85	23.74	23.56	24.70
		MID	QPSK	23.64	23.64	23.78	24.70
		HIGH	QPSK	23.65	23.56	23.65	24.70
	6	LOW	QPSK	22.55	22.67	22.78	23.70
1.4	1	LOW	Q16	22.80	22.60	22.87	23.70
		MID	Q16	22.70	22.49	23.03	23.70
		HIGH	Q16	22.76	22.55	22.89	23.70
	3	LOW	Q16	22.74	22.54	23.05	23.70
		MID	Q16	22.56	22.42	23.10	23.70
		HIGH	Q16	22.67	22.67	22.91	23.70
	6	LOW	Q16	21.64	21.57	21.59	22.70
1.4	1	LOW	64QAM	21.70	21.47	21.88	22.70
		MID	64QAM	21.65	21.58	21.88	22.70
		HIGH	64QAM	21.68	21.43	21.91	22.70
	3	LOW	64QAM	21.62	21.64	22.00	22.70
		MID	64QAM	21.78	21.62	21.76	22.70
		HIGH	64QAM	21.74	21.33	22.04	22.70
	6	LOW	64QAM	20.49	20.49	20.73	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.85	23.58	23.53	24.70
		MID	QPSK	23.58	23.81	23.75	24.70
		HIGH	QPSK	23.55	23.49	23.65	24.70
	8	LOW	QPSK	22.39	22.48	22.68	23.70
		MID	QPSK	22.76	22.61	22.79	23.70
		HIGH	QPSK	22.58	22.59	22.75	23.70
	15	LOW	QPSK	22.59	22.61	22.58	23.70
3	1	LOW	Q16	22.79	22.44	23.02	23.70
		MID	Q16	22.77	22.53	22.85	23.70
		HIGH	Q16	22.76	22.53	22.98	23.70
	8	LOW	Q16	21.47	21.77	21.74	22.70
		MID	Q16	21.74	21.59	21.63	22.70
		HIGH	Q16	21.81	21.62	21.74	22.70
	15	LOW	Q16	21.70	21.66	21.75	22.70
3	1	LOW	64QAM	21.73	21.64	21.98	22.70
		MID	64QAM	21.58	21.48	21.89	22.70
		HIGH	64QAM	21.93	21.42	21.97	22.70
	8	LOW	64QAM	20.77	20.65	20.73	21.70
		MID	64QAM	20.90	20.91	20.62	21.70
		HIGH	64QAM	20.83	20.42	20.41	21.70
	15	LOW	64QAM	20.41	20.30	20.71	21.70

LTE B12-LEVEL 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.87	23.60	23.55	24.70
		MID	QPSK	23.52	23.63	23.55	24.70
		HIGH	QPSK	23.57	23.71	23.57	24.70
	12	LOW	QPSK	22.35	22.71	22.54	23.70
		MID	QPSK	22.65	22.56	22.79	23.70
		HIGH	QPSK	22.58	22.50	22.65	23.70
	25	LOW	QPSK	22.75	22.71	22.73	23.70
5	1	LOW	Q16	22.87	22.51	22.84	23.70
		MID	Q16	22.70	22.58	23.07	23.70
		HIGH	Q16	22.68	22.65	23.09	23.70
	12	LOW	Q16	21.50	21.65	21.86	22.70
		MID	Q16	21.81	21.52	21.74	22.70
		HIGH	Q16	21.57	21.64	21.80	22.70
	25	LOW	Q16	21.68	21.44	21.68	22.70
5	1	LOW	64QAM	21.60	21.65	21.89	22.70
		MID	64QAM	21.53	21.54	21.85	22.70
		HIGH	64QAM	21.94	21.46	21.79	22.70
	12	LOW	64QAM	20.60	20.59	20.70	21.70
		MID	64QAM	20.67	20.92	20.74	21.70
		HIGH	64QAM	20.90	20.60	20.43	21.70
	25	LOW	64QAM	20.61	20.51	20.48	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.67	23.63	23.63	24.70
		MID	QPSK	23.62	**23.76**	23.64	24.70
		HIGH	QPSK	23.66	23.62	23.66	24.70
	25	LOW	QPSK	22.50	**22.66**	22.61	23.70
		MID	QPSK	22.64	22.60	22.64	23.70
		HIGH	QPSK	22.56	22.52	22.64	23.70
	50	LOW	QPSK	22.62	22.57	22.72	23.70
10	1	LOW	Q16	22.73	22.51	22.99	23.70
		MID	Q16	22.68	22.56	22.99	23.70
		HIGH	Q16	22.67	22.53	23.01	23.70
	25	LOW	Q16	21.58	21.63	21.72	22.70
		MID	Q16	21.71	21.64	21.64	22.70
		HIGH	Q16	21.67	21.50	21.68	22.70
	50	LOW	Q16	21.59	21.51	21.68	22.70
10	1	LOW	64QAM	21.65	21.53	21.91	22.70
		MID	64QAM	21.66	21.57	21.85	22.70
		HIGH	64QAM	21.81	21.39	21.89	22.70
	25	LOW	64QAM	20.72	20.61	20.74	21.70
		MID	64QAM	20.75	20.78	20.61	21.70
		HIGH	64QAM	20.82	20.51	20.55	21.70
	50	LOW	64QAM	20.52	20.40	20.63	21.70

LTE B12-LEVEL 2&3&4-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.60	23.50	24.70
		MID	QPSK	23.54	23.64	23.67	24.70
		HIGH	QPSK	23.69	23.75	23.69	24.70
	3	LOW	QPSK	23.85	23.74	23.56	24.70
		MID	QPSK	23.64	23.64	23.78	24.70
		HIGH	QPSK	23.65	23.56	23.65	24.70
	6	LOW	QPSK	22.55	22.67	22.78	23.70
1.4	1	LOW	Q16	22.80	22.60	22.87	23.70
		MID	Q16	22.70	22.49	23.03	23.70
		HIGH	Q16	22.76	22.55	22.89	23.70
	3	LOW	Q16	22.74	22.54	23.05	23.70
		MID	Q16	22.56	22.42	23.10	23.70
		HIGH	Q16	22.67	22.67	22.91	23.70
	6	LOW	Q16	21.64	21.57	21.59	22.70
1.4	1	LOW	64QAM	21.70	21.47	21.88	22.70
		MID	64QAM	21.65	21.58	21.88	22.70
		HIGH	64QAM	21.68	21.43	21.91	22.70
	3	LOW	64QAM	21.62	21.64	22.00	22.70
		MID	64QAM	21.78	21.62	21.76	22.70
		HIGH	64QAM	21.74	21.33	22.04	22.70
	6	LOW	64QAM	20.49	20.49	20.73	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.85	23.58	23.53	24.70
		MID	QPSK	23.58	23.81	23.75	24.70
		HIGH	QPSK	23.55	23.49	23.65	24.70
	8	LOW	QPSK	22.39	22.48	22.68	23.70
		MID	QPSK	22.76	22.61	22.79	23.70
		HIGH	QPSK	22.58	22.59	22.75	23.70
	15	LOW	QPSK	22.59	22.61	22.58	23.70
3	1	LOW	Q16	22.79	22.44	23.02	23.70
		MID	Q16	22.77	22.53	22.85	23.70
		HIGH	Q16	22.76	22.53	22.98	23.70
	8	LOW	Q16	21.47	21.77	21.74	22.70
		MID	Q16	21.74	21.59	21.63	22.70
		HIGH	Q16	21.81	21.62	21.74	22.70
	15	LOW	Q16	21.70	21.66	21.75	22.70
3	1	LOW	64QAM	21.73	21.64	21.98	22.70
		MID	64QAM	21.58	21.48	21.89	22.70
		HIGH	64QAM	21.93	21.42	21.97	22.70
	8	LOW	64QAM	20.77	20.65	20.73	21.70
		MID	64QAM	20.90	20.91	20.62	21.70
		HIGH	64QAM	20.83	20.42	20.41	21.70
	15	LOW	64QAM	20.41	20.30	20.71	21.70

LTE B12-LEVEL 2&3&4-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.87	23.60	23.55	24.70
		MID	QPSK	23.52	23.63	23.55	24.70
		HIGH	QPSK	23.57	23.71	23.57	24.70
	12	LOW	QPSK	22.35	22.71	22.54	23.70
		MID	QPSK	22.65	22.56	22.79	23.70
		HIGH	QPSK	22.58	22.50	22.65	23.70
	25	LOW	QPSK	22.75	22.71	22.73	23.70
5	1	LOW	Q16	22.87	22.51	22.84	23.70
		MID	Q16	22.70	22.58	23.07	23.70
		HIGH	Q16	22.68	22.65	23.09	23.70
	12	LOW	Q16	21.50	21.65	21.86	22.70
		MID	Q16	21.81	21.52	21.74	22.70
		HIGH	Q16	21.57	21.64	21.80	22.70
	25	LOW	Q16	21.68	21.44	21.68	22.70
5	1	LOW	64QAM	21.60	21.65	21.89	22.70
		MID	64QAM	21.53	21.54	21.85	22.70
		HIGH	64QAM	21.94	21.46	21.79	22.70
	12	LOW	64QAM	20.60	20.59	20.70	21.70
		MID	64QAM	20.67	20.92	20.74	21.70
		HIGH	64QAM	20.90	20.60	20.43	21.70
	25	LOW	64QAM	20.61	20.51	20.48	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.67	23.63	23.63	24.70
		MID	QPSK	23.62	**23.76**	23.64	24.70
		HIGH	QPSK	23.66	23.62	23.66	24.70
	25	LOW	QPSK	22.50	**22.66**	22.61	23.70
		MID	QPSK	22.64	22.60	22.64	23.70
		HIGH	QPSK	22.56	22.52	22.64	23.70
	50	LOW	QPSK	22.62	22.57	22.72	23.70
10	1	LOW	Q16	22.73	22.51	22.99	23.70
		MID	Q16	22.68	22.56	22.99	23.70
		HIGH	Q16	22.67	22.53	23.01	23.70
	25	LOW	Q16	21.58	21.63	21.72	22.70
		MID	Q16	21.71	21.64	21.64	22.70
		HIGH	Q16	21.67	21.50	21.68	22.70
	50	LOW	Q16	21.59	21.51	21.68	22.70
10	1	LOW	64QAM	21.65	21.53	21.91	22.70
		MID	64QAM	21.66	21.57	21.85	22.70
		HIGH	64QAM	21.81	21.39	21.89	22.70
	25	LOW	64QAM	20.72	20.61	20.74	21.70
		MID	64QAM	20.75	20.78	20.61	21.70
		HIGH	64QAM	20.82	20.51	20.55	21.70
	50	LOW	64QAM	20.52	20.40	20.63	21.70

LTE B12-LEVEL 5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.39	22.43	22.34	23.20
		MID	QPSK	22.48	22.42	22.53	23.20
		HIGH	QPSK	22.60	22.59	22.64	23.20
	3	LOW	QPSK	22.56	22.46	22.35	23.20
		MID	QPSK	22.35	22.28	22.38	23.20
		HIGH	QPSK	22.36	22.60	22.47	23.20
	6	LOW	QPSK	22.46	22.33	22.42	23.20
1.4	1	LOW	Q16	22.49	22.57	22.87	23.20
		MID	Q16	22.54	22.53	22.96	23.20
		HIGH	Q16	22.44	22.60	23.06	23.20
	3	LOW	Q16	22.41	22.50	22.83	23.20
		MID	Q16	22.40	22.49	22.94	23.20
		HIGH	Q16	22.54	22.41	23.05	23.20
	6	LOW	Q16	21.40	21.47	21.60	22.70
1.4	1	LOW	64QAM	21.66	21.60	21.90	22.70
		MID	64QAM	21.56	21.75	21.84	22.70
		HIGH	64QAM	21.62	21.49	22.16	22.70
	3	LOW	64QAM	21.79	21.63	21.76	22.70
		MID	64QAM	21.71	21.80	21.73	22.70
		HIGH	64QAM	21.70	21.46	22.20	22.70
	6	LOW	64QAM	20.24	20.29	20.54	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.63	22.50	22.48	23.20
		MID	QPSK	22.52	22.45	22.41	23.20
		HIGH	QPSK	22.44	22.56	22.56	23.20
	8	LOW	QPSK	22.39	22.51	22.37	23.20
		MID	QPSK	22.33	22.34	22.61	23.20
		HIGH	QPSK	22.34	22.36	22.46	23.20
	15	LOW	QPSK	22.48	22.47	22.65	23.20
3	1	LOW	Q16	22.39	22.33	22.95	23.20
		MID	Q16	22.40	22.54	22.99	23.20
		HIGH	Q16	22.68	22.61	23.05	23.20
	8	LOW	Q16	22.16	21.86	21.97	22.70
		MID	Q16	22.16	21.90	21.87	22.70
		HIGH	Q16	22.09	21.92	22.21	22.70
	15	LOW	Q16	21.50	21.29	21.50	22.70
3	1	LOW	64QAM	21.57	21.66	22.00	22.70
		MID	64QAM	21.54	21.80	21.99	22.70
		HIGH	64QAM	21.54	21.61	22.30	22.70
	8	LOW	64QAM	20.38	20.47	20.76	21.70
		MID	64QAM	20.73	20.59	20.52	21.70
		HIGH	64QAM	20.70	20.61	20.58	21.70
	15	LOW	64QAM	20.21	20.42	20.45	21.70

LTE B12-LEVEL 5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.62	22.51	22.50	23.20
		MID	QPSK	22.40	22.32	22.50	23.20
		HIGH	QPSK	22.47	22.46	22.67	23.20
	12	LOW	QPSK	22.29	22.41	22.61	23.20
		MID	QPSK	22.31	22.40	22.35	23.20
		HIGH	QPSK	22.51	22.34	22.52	23.20
	25	LOW	QPSK	22.52	22.37	22.71	23.20
5	1	LOW	Q16	22.61	22.43	22.98	23.20
		MID	Q16	22.64	22.42	22.86	23.20
		HIGH	Q16	22.62	22.56	22.86	23.20
	12	LOW	Q16	21.58	21.31	21.69	22.70
		MID	Q16	21.50	21.47	21.59	22.70
		HIGH	Q16	21.66	21.40	21.73	22.70
	25	LOW	Q16	21.40	21.28	21.52	22.70
5	1	LOW	64QAM	21.71	21.73	21.83	22.70
		MID	64QAM	21.61	21.79	21.81	22.70
		HIGH	64QAM	21.56	21.67	22.25	22.70
	12	LOW	64QAM	20.61	20.56	20.73	21.70
		MID	64QAM	20.83	20.53	20.56	21.70
		HIGH	64QAM	20.72	20.52	20.56	21.70
	25	LOW	64QAM	20.25	20.44	20.53	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.49	22.48	22.43	23.20
		MID	QPSK	22.45	22.43	22.45	23.20
		HIGH	QPSK	22.50	**22.58**	22.56	23.20
	25	LOW	QPSK	22.37	22.39	22.50	23.20
		MID	QPSK	22.46	**22.55**	22.47	23.20
		HIGH	QPSK	22.43	22.37	22.53	23.20
	50	LOW	QPSK	22.45	22.40	22.57	23.20
10	1	LOW	Q16	22.54	22.45	22.87	23.20
		MID	Q16	22.52	22.41	22.87	23.20
		HIGH	Q16	22.54	22.47	23.00	23.20
	25	LOW	Q16	21.52	21.46	21.54	22.70
		MID	Q16	21.61	21.47	21.52	22.70
		HIGH	Q16	21.53	21.39	21.62	22.70
	50	LOW	Q16	21.48	21.38	21.58	22.70
10	1	LOW	64QAM	21.71	21.63	21.89	22.70
		MID	64QAM	21.58	21.66	21.86	22.70
		HIGH	64QAM	21.59	21.54	22.19	22.70
	25	LOW	64QAM	20.46	20.43	20.67	21.70
		MID	64QAM	20.72	20.58	20.43	21.70
		HIGH	64QAM	20.62	20.47	20.58	21.70
	50	LOW	64QAM	20.33	20.30	20.56	21.70

8.3.6 LTE Band17 Output Power

LTE B17-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.65	23.44	23.50	24.80
		MID	QPSK	23.67	23.62	23.60	24.80
		HIGH	QPSK	23.68	23.59	23.63	24.80
	12	LOW	QPSK	22.58	22.75	22.51	23.80
		MID	QPSK	22.54	22.53	22.56	23.80
		HIGH	QPSK	22.59	22.49	22.45	23.80
	25	LOW	QPSK	22.64	22.49	22.56	23.80
5	1	LOW	Q16	22.90	22.48	22.37	23.80
		MID	Q16	22.87	22.68	22.58	23.80
		HIGH	Q16	22.97	22.58	22.48	23.80
	12	LOW	Q16	21.71	21.76	21.54	22.80
		MID	Q16	21.56	21.77	21.60	22.80
		HIGH	Q16	21.44	21.66	21.49	22.80
	25	LOW	Q16	21.68	21.69	21.66	22.80
5	1	LOW	64QAM	22.05	21.64	21.31	22.80
		MID	64QAM	21.91	21.64	21.61	22.80
		HIGH	64QAM	21.84	21.63	21.32	22.80
	12	LOW	64QAM	20.77	20.81	20.73	21.80
		MID	64QAM	20.72	20.70	20.78	21.80
		HIGH	64QAM	20.55	20.75	20.77	21.80
	25	LOW	64QAM	20.50	20.72	20.69	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.53	23.52	23.54	24.80
		MID	QPSK	**23.68**	23.59	23.62	24.80
		HIGH	QPSK	23.65	23.60	23.60	24.80
	25	LOW	QPSK	22.60	**22.65**	22.64	23.80
		MID	QPSK	22.62	22.53	22.56	23.80
		HIGH	QPSK	22.52	22.55	22.60	23.80
	50	LOW	QPSK	22.63	22.62	22.66	23.80
10	1	LOW	Q16	22.89	22.49	22.38	23.80
		MID	Q16	23.01	22.65	22.51	23.80
		HIGH	Q16	22.97	22.58	22.50	23.80
	25	LOW	Q16	21.60	21.72	21.65	22.80
		MID	Q16	21.55	21.67	21.57	22.80
		HIGH	Q16	21.54	21.64	21.60	22.80
	50	LOW	Q16	21.61	21.59	21.60	22.80
10	1	LOW	64QAM	21.97	21.60	21.39	22.80
		MID	64QAM	21.86	21.79	21.60	22.80
		HIGH	64QAM	21.86	21.59	21.41	22.80
	25	LOW	64QAM	20.68	20.71	20.66	21.80
		MID	64QAM	20.58	20.58	20.66	21.80
		HIGH	64QAM	20.57	20.62	20.66	21.80
	50	LOW	64QAM	20.56	20.74	20.54	21.80

LTE B17-LEVEL1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	21.80	21.77	22.00	22.80
		MID	QPSK	21.88	21.74	21.79	22.80
		HIGH	QPSK	21.77	21.90	21.89	22.80
	12	LOW	QPSK	21.70	21.76	21.93	22.80
		MID	QPSK	21.89	21.93	21.96	22.80
		HIGH	QPSK	21.63	21.83	21.84	22.80
	25	LOW	QPSK	21.89	21.85	21.82	22.80
5	1	LOW	Q16	22.07	21.89	21.70	22.80
		MID	Q16	22.25	21.80	21.83	22.80
		HIGH	Q16	22.28	21.76	21.94	22.80
	12	LOW	Q16	21.87	22.03	21.90	22.80
		MID	Q16	21.83	21.92	21.88	22.80
		HIGH	Q16	21.86	21.80	22.10	22.80
	25	LOW	Q16	21.96	21.77	22.10	22.80
5	1	LOW	64QAM	22.44	21.82	21.62	22.80
		MID	64QAM	22.50	21.91	21.83	22.80
		HIGH	64QAM	22.09	22.11	21.85	22.80
	12	LOW	64QAM	20.82	21.01	21.12	21.80
		MID	64QAM	20.87	20.80	20.85	21.80
		HIGH	64QAM	20.92	20.86	20.84	21.80
	25	LOW	64QAM	21.10	20.73	20.72	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	21.77	21.81	21.87	22.80
		MID	QPSK	21.83	21.85	21.81	22.80
		HIGH	QPSK	**21.88**	21.82	21.80	22.80
	25	LOW	QPSK	21.83	21.89	21.91	22.80
		MID	QPSK	21.84	21.81	21.85	22.80
		HIGH	QPSK	21.78	21.81	**21.92**	22.80
	50	LOW	QPSK	21.86	21.88	21.94	22.80
10	1	LOW	Q16	22.19	21.87	21.82	22.80
		MID	Q16	22.27	21.91	21.84	22.80
		HIGH	Q16	22.32	21.90	21.84	22.80
	25	LOW	Q16	21.91	22.01	22.00	22.80
		MID	Q16	21.86	21.95	21.89	22.80
		HIGH	Q16	21.81	21.94	21.95	22.80
	50	LOW	Q16	21.91	21.91	21.95	22.80
10	1	LOW	64QAM	22.29	21.72	21.70	22.80
		MID	64QAM	22.39	21.82	21.75	22.80
		HIGH	64QAM	22.24	22.01	21.84	22.80
	25	LOW	64QAM	20.84	21.07	21.15	21.80
		MID	64QAM	20.90	20.84	20.82	21.80
		HIGH	64QAM	20.87	20.84	20.93	21.80
	50	LOW	64QAM	21.03	20.82	20.80	21.80

LTE B17-LEVEL2&3&5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	20.19	20.35	20.48	21.30
		MID	QPSK	20.47	20.28	20.47	21.30
		HIGH	QPSK	20.57	20.40	20.52	21.30
	12	LOW	QPSK	20.32	20.41	20.26	21.30
		MID	QPSK	20.40	20.22	20.44	21.30
		HIGH	QPSK	20.26	20.40	20.28	21.30
	25	LOW	QPSK	20.25	20.33	20.60	21.30
5	1	LOW	Q16	20.79	20.40	20.46	21.30
		MID	Q16	20.79	20.43	20.27	21.30
		HIGH	Q16	20.76	20.39	20.36	21.30
	12	LOW	Q16	20.48	20.64	20.35	21.30
		MID	Q16	20.42	20.51	20.45	21.30
		HIGH	Q16	20.36	20.57	20.44	21.30
	25	LOW	Q16	20.24	20.51	20.51	21.30
5	1	LOW	64QAM	20.96	20.46	20.48	21.30
		MID	64QAM	20.71	20.32	20.55	21.30
		HIGH	64QAM	20.70	20.37	20.26	21.30
	12	LOW	64QAM	20.55	20.60	20.60	21.30
		MID	64QAM	20.19	20.52	20.36	21.30
		HIGH	64QAM	20.28	20.65	20.38	21.30
	25	LOW	64QAM	20.42	20.43	20.56	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	20.34	20.37	20.43	21.30
		MID	QPSK	20.36	20.35	20.33	21.30
		HIGH	QPSK	**20.44**	20.40	20.41	21.30
	25	LOW	QPSK	20.30	20.39	**20.41**	21.30
		MID	QPSK	20.34	20.31	20.39	21.30
		HIGH	QPSK	20.28	20.30	20.39	21.30
	50	LOW	QPSK	20.33	20.35	20.47	21.30
10	1	LOW	Q16	20.76	20.43	20.43	21.30
		MID	Q16	20.74	20.42	20.32	21.30
		HIGH	Q16	20.84	20.48	20.40	21.30
	25	LOW	Q16	20.41	20.53	20.47	21.30
		MID	Q16	20.39	20.43	20.41	21.30
		HIGH	Q16	20.31	20.45	20.45	21.30
	50	LOW	Q16	20.33	20.40	20.46	21.30
10	1	LOW	64QAM	20.84	20.46	20.34	21.30
		MID	64QAM	20.86	20.29	20.40	21.30
		HIGH	64QAM	20.84	20.48	20.29	21.30
	25	LOW	64QAM	20.53	20.55	20.53	21.30
		MID	64QAM	20.24	20.47	20.47	21.30
		HIGH	64QAM	20.30	20.54	20.52	21.30
	50	LOW	64QAM	20.37	20.45	20.59	21.30

LTE B17-LEVEL4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	22.88	22.89	22.90	23.80
		MID	QPSK	22.98	22.93	22.98	23.80
		HIGH	QPSK	23.05	23.05	22.88	23.80
	12	LOW	QPSK	22.84	22.90	23.11	23.80
		MID	QPSK	22.97	22.96	22.89	23.80
		HIGH	QPSK	22.89	22.93	23.07	23.80
	25	LOW	QPSK	23.04	23.12	22.95	23.80
5	1	LOW	Q16	23.14	22.88	22.98	23.80
		MID	Q16	23.21	22.79	22.80	23.80
		HIGH	Q16	23.48	22.88	22.82	23.80
	12	LOW	Q16	22.04	21.88	22.14	22.80
		MID	Q16	22.03	21.84	21.84	22.80
		HIGH	Q16	21.73	21.87	22.14	22.80
	25	LOW	Q16	21.92	22.12	21.82	22.80
5	1	LOW	64QAM	22.25	21.70	21.84	22.80
		MID	64QAM	22.18	21.89	21.99	22.80
		HIGH	64QAM	22.26	22.09	21.73	22.80
	12	LOW	64QAM	20.83	21.12	21.03	21.80
		MID	64QAM	21.13	20.98	20.98	21.80
		HIGH	64QAM	20.78	21.25	21.02	21.80
	25	LOW	64QAM	20.89	20.84	21.03	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.83	**22.96**	23.80
		MID	QPSK	22.88	22.88	22.89	23.80
		HIGH	QPSK	22.90	22.90	22.93	23.80
	25	LOW	QPSK	22.87	22.88	**23.00**	23.80
		MID	QPSK	22.86	22.87	22.92	23.80
		HIGH	QPSK	22.84	22.89	22.97	23.80
	50	LOW	QPSK	22.90	22.97	23.03	23.80
10	1	LOW	Q16	23.27	22.93	22.92	23.80
		MID	Q16	23.30	22.94	22.88	23.80
		HIGH	Q16	23.34	22.98	22.92	23.80
	25	LOW	Q16	21.95	22.03	22.02	22.80
		MID	Q16	21.94	21.97	21.93	22.80
		HIGH	Q16	21.85	21.98	21.99	22.80
	50	LOW	Q16	21.90	21.97	21.96	22.80
10	1	LOW	64QAM	22.34	21.85	21.82	22.80
		MID	64QAM	22.21	21.97	21.92	22.80
		HIGH	64QAM	22.27	21.95	21.82	22.80
	25	LOW	64QAM	20.89	21.09	21.12	21.80
		MID	64QAM	21.02	21.10	20.88	21.80
		HIGH	64QAM	20.89	21.12	21.06	21.80
	50	LOW	64QAM	20.95	20.86	21.02	21.80

8.3.6 LTE Band17 Output Power

LTE B17-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.65	23.53	23.70	24.70
		MID	QPSK	23.63	23.71	23.84	24.70
		HIGH	QPSK	23.46	23.62	23.72	24.70
	12	LOW	QPSK	22.65	22.66	22.74	23.70
		MID	QPSK	22.49	22.76	22.79	23.70
		HIGH	QPSK	22.68	22.72	22.68	23.70
	25	LOW	QPSK	22.45	22.62	22.69	23.70
5	1	LOW	Q16	22.49	22.82	22.49	23.70
		MID	Q16	22.74	23.16	22.82	23.70
		HIGH	Q16	22.61	23.10	22.69	23.70
	12	LOW	Q16	21.71	21.84	21.96	22.70
		MID	Q16	21.76	21.54	21.65	22.70
		HIGH	Q16	21.64	21.76	21.86	22.70
	25	LOW	Q16	21.51	21.68	21.74	22.70
5	1	LOW	64QAM	21.39	21.95	21.60	22.70
		MID	64QAM	21.35	21.96	21.56	22.70
		HIGH	64QAM	21.61	22.16	21.58	22.70
	12	LOW	64QAM	20.76	20.81	20.69	21.70
		MID	64QAM	20.49	20.64	20.89	21.70
		HIGH	64QAM	20.71	20.41	21.03	21.70
	25	LOW	64QAM	20.37	20.78	20.69	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.54	23.56	23.58	24.70
		MID	QPSK	23.63	23.66	**23.71**	24.70
		HIGH	QPSK	23.59	23.64	23.67	24.70
	25	LOW	QPSK	22.53	22.69	22.68	23.70
		MID	QPSK	22.58	22.69	22.65	23.70
		HIGH	QPSK	22.53	22.63	**22.70**	23.70
	50	LOW	QPSK	22.60	22.75	22.72	23.70
10	1	LOW	Q16	22.49	22.95	22.61	23.70
		MID	Q16	22.63	23.05	22.75	23.70
		HIGH	Q16	22.58	23.04	22.72	23.70
	25	LOW	Q16	21.63	21.73	21.81	22.70
		MID	Q16	21.62	21.67	21.77	22.70
		HIGH	Q16	21.61	21.67	21.79	22.70
	50	LOW	Q16	21.62	21.68	21.77	22.70
10	1	LOW	64QAM	21.37	21.94	21.67	22.70
		MID	64QAM	21.48	22.04	21.65	22.70
		HIGH	64QAM	21.62	22.03	21.71	22.70
	25	LOW	64QAM	20.65	20.72	20.67	21.70
		MID	64QAM	20.54	20.60	20.85	21.70
		HIGH	64QAM	20.67	20.54	20.91	21.70
	50	LOW	64QAM	20.51	20.71	20.73	21.70

LTE B17-LEVEL 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.65	23.53	23.70	24.70
		MID	QPSK	23.63	23.71	23.84	24.70
		HIGH	QPSK	23.46	23.62	23.72	24.70
	12	LOW	QPSK	22.65	22.66	22.74	23.70
		MID	QPSK	22.49	22.76	22.79	23.70
		HIGH	QPSK	22.68	22.72	22.68	23.70
	25	LOW	QPSK	22.45	22.62	22.69	23.70
5	1	LOW	Q16	22.49	22.82	22.49	23.70
		MID	Q16	22.74	23.16	22.82	23.70
		HIGH	Q16	22.61	23.10	22.69	23.70
	12	LOW	Q16	21.71	21.84	21.96	22.70
		MID	Q16	21.76	21.54	21.65	22.70
		HIGH	Q16	21.64	21.76	21.86	22.70
	25	LOW	Q16	21.51	21.68	21.74	22.70
5	1	LOW	64QAM	21.39	21.95	21.60	22.70
		MID	64QAM	21.35	21.96	21.56	22.70
		HIGH	64QAM	21.61	22.16	21.58	22.70
	12	LOW	64QAM	20.76	20.81	20.69	21.70
		MID	64QAM	20.49	20.64	20.89	21.70
		HIGH	64QAM	20.71	20.41	21.03	21.70
	25	LOW	64QAM	20.37	20.78	20.69	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.54	23.56	23.58	24.70
		MID	QPSK	23.63	23.66	**23.71**	24.70
		HIGH	QPSK	23.59	23.64	23.67	24.70
	25	LOW	QPSK	22.53	22.69	22.68	23.70
		MID	QPSK	22.58	22.69	22.65	23.70
		HIGH	QPSK	22.53	22.63	**22.70**	23.70
	50	LOW	QPSK	22.60	22.75	22.72	23.70
10	1	LOW	Q16	22.49	22.95	22.61	23.70
		MID	Q16	22.63	23.05	22.75	23.70
		HIGH	Q16	22.58	23.04	22.72	23.70
	25	LOW	Q16	21.63	21.73	21.81	22.70
		MID	Q16	21.62	21.67	21.77	22.70
		HIGH	Q16	21.61	21.67	21.79	22.70
	50	LOW	Q16	21.62	21.68	21.77	22.70
10	1	LOW	64QAM	21.37	21.94	21.67	22.70
		MID	64QAM	21.48	22.04	21.65	22.70
		HIGH	64QAM	21.62	22.03	21.71	22.70
	25	LOW	64QAM	20.65	20.72	20.67	21.70
		MID	64QAM	20.54	20.60	20.85	21.70
		HIGH	64QAM	20.67	20.54	20.91	21.70
	50	LOW	64QAM	20.51	20.71	20.73	21.70

LTE B17-LEVEL 2&3&4-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.65	23.53	23.70	24.70
		MID	QPSK	23.63	23.71	23.84	24.70
		HIGH	QPSK	23.46	23.62	23.72	24.70
	12	LOW	QPSK	22.65	22.66	22.74	23.70
		MID	QPSK	22.49	22.76	22.79	23.70
		HIGH	QPSK	22.68	22.72	22.68	23.70
	25	LOW	QPSK	22.45	22.62	22.69	23.70
5	1	LOW	Q16	22.49	22.82	22.49	23.70
		MID	Q16	22.74	23.16	22.82	23.70
		HIGH	Q16	22.61	23.10	22.69	23.70
	12	LOW	Q16	21.71	21.84	21.96	22.70
		MID	Q16	21.76	21.54	21.65	22.70
		HIGH	Q16	21.64	21.76	21.86	22.70
	25	LOW	Q16	21.51	21.68	21.74	22.70
5	1	LOW	64QAM	21.39	21.95	21.60	22.70
		MID	64QAM	21.35	21.96	21.56	22.70
		HIGH	64QAM	21.61	22.16	21.58	22.70
	12	LOW	64QAM	20.76	20.81	20.69	21.70
		MID	64QAM	20.49	20.64	20.89	21.70
		HIGH	64QAM	20.71	20.41	21.03	21.70
	25	LOW	64QAM	20.37	20.78	20.69	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.54	23.56	23.58	24.70
		MID	QPSK	23.63	23.66	**23.71**	24.70
		HIGH	QPSK	23.59	23.64	23.67	24.70
	25	LOW	QPSK	22.53	22.69	22.68	23.70
		MID	QPSK	22.58	22.69	22.65	23.70
		HIGH	QPSK	22.53	22.63	**22.70**	23.70
	50	LOW	QPSK	22.60	22.75	22.72	23.70
10	1	LOW	Q16	22.49	22.95	22.61	23.70
		MID	Q16	22.63	23.05	22.75	23.70
		HIGH	Q16	22.58	23.04	22.72	23.70
	25	LOW	Q16	21.63	21.73	21.81	22.70
		MID	Q16	21.62	21.67	21.77	22.70
		HIGH	Q16	21.61	21.67	21.79	22.70
	50	LOW	Q16	21.62	21.68	21.77	22.70
10	1	LOW	64QAM	21.37	21.94	21.67	22.70
		MID	64QAM	21.48	22.04	21.65	22.70
		HIGH	64QAM	21.62	22.03	21.71	22.70
	25	LOW	64QAM	20.65	20.72	20.67	21.70
		MID	64QAM	20.54	20.60	20.85	21.70
		HIGH	64QAM	20.67	20.54	20.91	21.70
	50	LOW	64QAM	20.51	20.71	20.73	21.70

LTE B17-LEVEL 5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	22.37	22.41	22.51	23.20
		MID	QPSK	22.45	22.59	22.36	23.20
		HIGH	QPSK	22.37	22.53	22.50	23.20
	12	LOW	QPSK	22.35	22.47	22.41	23.20
		MID	QPSK	22.33	22.54	22.35	23.20
		HIGH	QPSK	22.49	22.30	22.52	23.20
	25	LOW	QPSK	22.51	22.58	22.53	23.20
5	1	LOW	Q16	22.87	22.38	22.36	23.20
		MID	Q16	22.97	22.50	22.31	23.20
		HIGH	Q16	22.77	22.50	22.30	23.20
	12	LOW	Q16	22.01	22.11	22.09	22.70
		MID	Q16	22.11	21.89	22.02	22.70
		HIGH	Q16	22.04	22.01	22.15	22.70
	25	LOW	Q16	21.83	21.95	22.07	22.70
5	1	LOW	64QAM	22.29	22.33	22.17	22.70
		MID	64QAM	22.42	22.29	22.00	22.70
		HIGH	64QAM	22.42	22.01	22.03	22.70
	12	LOW	64QAM	20.70	21.30	20.91	21.70
		MID	64QAM	20.98	20.86	21.01	21.70
		HIGH	64QAM	20.94	21.07	20.99	21.70
	25	LOW	64QAM	21.12	20.86	21.04	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	22.38	22.40	**22.47**	23.20
		MID	QPSK	22.42	22.45	22.40	23.20
		HIGH	QPSK	**22.47**	22.44	**22.47**	23.20
	25	LOW	QPSK	22.43	22.49	**22.53**	23.20
		MID	QPSK	22.42	22.40	22.47	23.20
		HIGH	QPSK	22.41	22.42	22.50	23.20
	50	LOW	QPSK	22.42	22.44	22.56	23.20
10	1	LOW	Q16	22.82	22.50	22.45	23.20
		MID	Q16	22.84	22.49	22.45	23.20
		HIGH	Q16	22.92	22.52	22.45	23.20
	25	LOW	Q16	21.97	22.09	22.04	22.70
		MID	Q16	21.99	22.02	22.00	22.70
		HIGH	Q16	21.93	22.04	22.02	22.70
	50	LOW	Q16	21.95	22.01	22.02	22.70
10	1	LOW	64QAM	22.34	22.23	22.10	22.70
		MID	64QAM	22.57	22.22	21.92	22.70
		HIGH	64QAM	22.38	22.16	21.97	22.70
	25	LOW	64QAM	20.83	21.24	20.96	21.70
		MID	64QAM	21.09	20.92	21.10	21.70
		HIGH	64QAM	21.00	21.04	21.08	21.70
	50	LOW	64QAM	21.10	20.94	21.03	21.70

8.3.7 LTE Band26 Output Power

LTE B26-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.60	23.20	23.48	24.80
		MID	QPSK	23.50	23.36	23.47	24.80
		HIGH	QPSK	23.49	23.31	23.44	24.80
	3	LOW	QPSK	23.46	23.45	23.37	24.80
		MID	QPSK	23.56	23.56	23.36	24.80
		HIGH	QPSK	23.51	23.39	23.44	24.80
	6	LOW	QPSK	22.50	22.33	22.35	23.80
1.4	1	LOW	Q16	22.48	22.72	22.82	23.80
		MID	Q16	22.30	22.65	22.75	23.80
		HIGH	Q16	22.27	22.85	22.94	23.80
	3	LOW	Q16	22.45	22.75	22.61	23.80
		MID	Q16	22.29	22.88	22.75	23.80
		HIGH	Q16	22.21	22.77	22.86	23.80
	6	LOW	Q16	21.43	21.38	21.25	22.80
1.4	1	LOW	64QAM	21.41	21.67	21.80	22.80
		MID	64QAM	21.30	22.04	21.51	22.80
		HIGH	64QAM	21.42	21.58	21.89	22.80
	3	LOW	64QAM	21.40	21.73	21.64	22.80
		MID	64QAM	21.47	22.06	21.61	22.80
		HIGH	64QAM	21.27	21.75	21.93	22.80
	6	LOW	64QAM	20.54	20.69	20.43	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.66	23.27	23.49	24.80
		MID	QPSK	23.57	23.47	23.30	24.80
		HIGH	QPSK	23.46	23.55	23.42	24.80
	8	LOW	QPSK	22.38	22.35	22.25	23.80
		MID	QPSK	22.31	22.48	22.34	23.80
		HIGH	QPSK	22.50	22.22	22.56	23.80
	15	LOW	QPSK	22.30	22.56	22.25	23.80
3	1	LOW	Q16	22.47	22.72	22.74	23.80
		MID	Q16	22.24	22.90	22.80	23.80
		HIGH	Q16	22.38	22.90	22.73	23.80
	8	LOW	Q16	21.36	21.45	21.27	22.80
		MID	Q16	21.51	21.44	21.51	22.80
		HIGH	Q16	21.47	21.40	21.55	22.80
	15	LOW	Q16	21.34	21.59	21.46	22.80
3	1	LOW	64QAM	21.48	21.88	21.63	22.80
		MID	64QAM	21.48	21.93	21.57	22.80
		HIGH	64QAM	21.37	21.55	21.72	22.80
	8	LOW	64QAM	20.54	20.32	20.43	21.80
		MID	64QAM	20.34	20.49	20.53	21.80
		HIGH	64QAM	20.61	20.59	20.46	21.80
	15	LOW	64QAM	20.41	20.66	20.44	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.25	23.25	24.80
		MID	QPSK	23.38	23.50	23.50	24.80
		HIGH	QPSK	23.47	23.33	23.40	24.80
	12	LOW	QPSK	22.31	22.36	22.25	23.80
		MID	QPSK	22.45	22.49	22.49	23.80
		HIGH	QPSK	22.38	22.31	22.31	23.80
	25	LOW	QPSK	22.43	22.53	22.33	23.80
5	1	LOW	Q16	22.41	22.70	22.67	23.80
		MID	Q16	22.39	22.75	22.62	23.80
		HIGH	Q16	22.21	22.87	22.65	23.80
	12	LOW	Q16	21.51	21.52	21.41	22.80
		MID	Q16	21.56	21.54	21.24	22.80
		HIGH	Q16	21.42	21.45	21.46	22.80
	25	LOW	Q16	21.37	21.59	21.26	22.80
5	1	LOW	64QAM	21.54	21.76	21.54	22.80
		MID	64QAM	21.35	22.06	21.63	22.80
		HIGH	64QAM	21.39	21.76	21.76	22.80
	12	LOW	64QAM	20.44	20.34	20.54	21.80
		MID	64QAM	20.56	20.37	20.60	21.80
		HIGH	64QAM	20.55	20.43	20.54	21.80
	25	LOW	64QAM	20.56	20.53	20.55	21.80

LTE B26-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.61	23.46	23.37	24.80
		MID	QPSK	23.64	23.56	23.32	24.80
		HIGH	QPSK	23.53	23.46	23.33	24.80
	25	LOW	QPSK	22.44	22.60	22.50	23.80
		MID	QPSK	22.30	22.30	22.55	23.80
		HIGH	QPSK	22.29	22.29	22.37	23.80
	50	LOW	QPSK	22.55	22.51	22.51	23.80
10	1	LOW	Q16	22.21	22.73	22.75	23.80
		MID	Q16	22.43	22.64	22.67	23.80
		HIGH	Q16	22.47	22.79	22.92	23.80
	25	LOW	Q16	21.44	21.52	21.34	22.80
		MID	Q16	21.28	21.52	21.34	22.80
		HIGH	Q16	21.45	21.57	21.53	22.80
	50	LOW	Q16	21.51	21.51	21.37	22.80
10	1	LOW	64QAM	21.60	21.90	21.67	22.80
		MID	64QAM	21.36	22.03	21.71	22.80
		HIGH	64QAM	21.49	21.73	21.79	22.80
	25	LOW	64QAM	20.69	20.53	20.47	21.80
		MID	64QAM	20.43	20.41	20.46	21.80
		HIGH	64QAM	20.61	20.58	20.50	21.80
	50	LOW	64QAM	20.40	20.55	20.42	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.49	23.31	23.35	24.80
		MID	QPSK	23.49	23.43	23.37	24.80
		HIGH	QPSK	23.50	**23.54**	23.44	24.80
	36	LOW	QPSK	22.39	**22.46**	22.36	23.80
		MID	QPSK	22.45	22.42	22.44	23.80
		HIGH	QPSK	22.43	22.37	22.41	23.80
	75	LOW	QPSK	22.43	22.47	22.38	23.80
15	1	LOW	Q16	22.35	22.78	22.75	23.80
		MID	Q16	22.35	22.78	22.76	23.80
		HIGH	Q16	22.32	22.75	22.79	23.80
	36	LOW	Q16	21.44	21.50	21.31	22.80
		MID	Q16	21.42	21.43	21.39	22.80
		HIGH	Q16	21.42	21.44	21.42	22.80
	75	LOW	Q16	21.40	21.48	21.38	22.80
15	1	LOW	64QAM	21.47	21.82	21.66	22.80
		MID	64QAM	21.43	21.92	21.65	22.80
		HIGH	64QAM	21.35	21.65	21.85	22.80
	36	LOW	64QAM	20.57	20.41	20.40	21.80
		MID	64QAM	20.43	20.50	20.49	21.80
		HIGH	64QAM	20.56	20.50	20.46	21.80
	75	LOW	64QAM	20.53	20.59	20.50	21.80

LTE B26-LEVEL1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.08	20.79	21.01	22.30
		MID	QPSK	20.90	20.90	21.11	22.30
		HIGH	QPSK	20.74	21.07	21.04	22.30
	3	LOW	QPSK	20.97	20.80	21.03	22.30
		MID	QPSK	20.98	20.84	20.88	22.30
		HIGH	QPSK	20.91	20.82	20.98	22.30
	6	LOW	QPSK	20.94	21.02	20.97	22.30
1.4	1	LOW	Q16	20.98	21.39	21.30	22.30
		MID	Q16	20.90	21.21	21.46	22.30
		HIGH	Q16	20.82	21.22	21.44	22.30
	3	LOW	Q16	21.00	21.30	21.40	22.30
		MID	Q16	21.00	21.34	21.42	22.30
		HIGH	Q16	20.70	21.26	21.32	22.30
	6	LOW	Q16	21.00	21.05	20.87	22.30
1.4	1	LOW	64QAM	20.76	21.48	21.40	22.30
		MID	64QAM	20.74	21.52	21.30	22.30
		HIGH	64QAM	20.77	21.42	21.58	22.30
	3	LOW	64QAM	20.86	21.50	21.42	22.30
		MID	64QAM	20.82	21.46	21.54	22.30
		HIGH	64QAM	21.28	21.58	21.43	22.30
	6	LOW	64QAM	20.49	20.33	20.42	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	20.95	20.82	21.04	22.30
		MID	QPSK	20.95	20.91	20.92	22.30
		HIGH	QPSK	20.82	20.97	21.04	22.30
	8	LOW	QPSK	20.99	20.90	20.97	22.30
		MID	QPSK	20.89	20.87	20.98	22.30
		HIGH	QPSK	21.08	21.02	21.04	22.30
	15	LOW	QPSK	20.94	20.95	21.00	22.30
3	1	LOW	Q16	20.97	21.41	21.21	22.30
		MID	Q16	20.85	21.31	21.32	22.30
		HIGH	Q16	20.95	21.24	21.45	22.30
	8	LOW	Q16	21.03	20.96	20.96	22.30
		MID	Q16	21.05	20.93	21.02	22.30
		HIGH	Q16	21.11	21.02	21.07	22.30
	15	LOW	Q16	21.06	21.11	21.01	22.30
3	1	LOW	64QAM	20.75	21.54	21.54	22.30
		MID	64QAM	20.79	21.31	21.41	22.30
		HIGH	64QAM	20.86	21.64	21.45	22.30
	8	LOW	64QAM	20.44	20.47	20.24	21.80
		MID	64QAM	20.35	20.54	20.33	21.80
		HIGH	64QAM	20.56	20.42	20.72	21.80
	15	LOW	64QAM	20.51	20.40	20.37	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	20.85	21.07	21.02	22.30
		MID	QPSK	20.96	20.88	21.07	22.30
		HIGH	QPSK	21.03	20.79	20.94	22.30
	12	LOW	QPSK	21.01	20.93	20.77	22.30
		MID	QPSK	21.02	20.91	20.93	22.30
		HIGH	QPSK	20.98	21.04	20.90	22.30
	25	LOW	QPSK	21.09	21.00	21.04	22.30
5	1	LOW	Q16	20.86	21.42	21.30	22.30
		MID	Q16	20.90	21.25	21.34	22.30
		HIGH	Q16	20.99	21.22	21.40	22.30
	12	LOW	Q16	21.05	21.22	20.92	22.30
		MID	Q16	20.91	21.16	21.12	22.30
		HIGH	Q16	20.86	20.95	20.99	22.30
	25	LOW	Q16	20.91	21.05	21.00	22.30
5	1	LOW	64QAM	20.90	21.54	21.54	22.30
		MID	64QAM	20.80	21.30	21.44	22.30
		HIGH	64QAM	20.76	21.58	21.36	22.30
	12	LOW	64QAM	20.36	20.76	20.39	21.80
		MID	64QAM	20.48	20.63	20.58	21.80
		HIGH	64QAM	20.47	20.48	20.49	21.80
	25	LOW	64QAM	20.71	20.45	20.36	21.80

LTE B26-LEVEL1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	20.85	20.81	20.76	22.30
		MID	QPSK	20.98	21.00	20.93	22.30
		HIGH	QPSK	20.74	20.99	21.04	22.30
	25	LOW	QPSK	20.90	21.11	21.03	22.30
		MID	QPSK	20.93	20.86	20.99	22.30
		HIGH	QPSK	20.88	20.91	20.95	22.30
	50	LOW	QPSK	21.09	21.05	20.91	22.30
10	1	LOW	Q16	21.01	21.38	21.26	22.30
		MID	Q16	20.95	21.27	21.56	22.30
		HIGH	Q16	20.82	21.49	21.49	22.30
	25	LOW	Q16	21.03	21.05	20.89	22.30
		MID	Q16	21.06	20.97	20.99	22.30
		HIGH	Q16	21.08	20.90	21.17	22.30
	50	LOW	Q16	20.96	21.08	20.87	22.30
10	1	LOW	64QAM	20.75	21.37	21.58	22.30
		MID	64QAM	20.90	21.46	21.30	22.30
		HIGH	64QAM	20.73	21.57	21.49	22.30
	25	LOW	64QAM	20.51	20.49	20.43	21.80
		MID	64QAM	20.58	20.52	20.44	21.80
		HIGH	64QAM	20.39	20.36	20.48	21.80
	50	LOW	64QAM	20.67	20.52	20.36	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	20.96	20.93	20.91	22.30
		MID	QPSK	20.95	20.92	20.96	22.30
		HIGH	QPSK	20.89	**21.03**	20.98	22.30
	36	LOW	QPSK	20.94	21.00	20.92	22.30
		MID	QPSK	20.89	20.97	20.97	22.30
		HIGH	QPSK	20.97	**21.05**	21.02	22.30
	75	LOW	QPSK	20.98	21.01	20.98	22.30
15	1	LOW	Q16	20.90	21.34	21.34	22.30
		MID	Q16	20.89	21.33	21.45	22.30
		HIGH	Q16	20.84	21.35	21.44	22.30
	36	LOW	Q16	20.96	21.08	20.92	22.30
		MID	Q16	21.00	21.01	21.05	22.30
		HIGH	Q16	21.00	21.04	21.02	22.30
	75	LOW	Q16	20.99	21.03	21.00	22.30
15	1	LOW	64QAM	20.76	21.48	21.47	22.30
		MID	64QAM	20.81	21.39	21.40	22.30
		HIGH	64QAM	20.71	21.50	21.50	22.30
	36	LOW	64QAM	20.45	20.61	20.34	21.80
		MID	64QAM	20.49	20.52	20.44	21.80
		HIGH	64QAM	20.48	20.47	20.60	21.80
	75	LOW	64QAM	20.60	20.44	20.41	21.80

LTE B26-LEVEL2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.37	19.24	19.42	20.80
		MID	QPSK	19.23	19.26	19.45	20.80
		HIGH	QPSK	19.43	19.35	19.55	20.80
	3	LOW	QPSK	19.27	19.21	19.31	20.80
		MID	QPSK	19.47	19.31	19.38	20.80
		HIGH	QPSK	19.26	19.20	19.49	20.80
	6	LOW	QPSK	19.27	19.28	19.48	20.80
1.4	1	LOW	Q16	19.21	19.77	19.89	20.80
		MID	Q16	19.33	19.76	19.76	20.80
		HIGH	Q16	19.42	19.87	19.79	20.80
	3	LOW	Q16	19.27	19.69	19.76	20.80
		MID	Q16	19.39	19.64	19.85	20.80
		HIGH	Q16	19.25	19.67	19.97	20.80
	6	LOW	Q16	19.50	19.53	19.51	20.80
1.4	1	LOW	64QAM	19.35	19.95	19.98	20.80
		MID	64QAM	19.47	19.49	19.66	20.80
		HIGH	64QAM	19.21	19.79	19.88	20.80
	3	LOW	64QAM	19.27	19.87	19.96	20.80
		MID	64QAM	19.39	19.56	19.72	20.80
		HIGH	64QAM	19.27	19.70	19.93	20.80
	6	LOW	64QAM	19.38	19.27	19.33	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	19.40	19.22	19.44	20.80
		MID	QPSK	19.52	19.25	19.31	20.80
		HIGH	QPSK	19.39	19.48	19.35	20.80
	8	LOW	QPSK	19.50	19.42	19.44	20.80
		MID	QPSK	19.28	19.32	19.41	20.80
		HIGH	QPSK	19.36	19.40	19.41	20.80
	15	LOW	QPSK	19.45	19.31	19.32	20.80
3	1	LOW	Q16	19.45	19.82	19.88	20.80
		MID	Q16	19.45	19.63	19.72	20.80
		HIGH	Q16	19.36	19.75	19.84	20.80
	8	LOW	Q16	19.35	19.51	19.35	20.80
		MID	Q16	19.33	19.52	19.46	20.80
		HIGH	Q16	19.26	19.40	19.46	20.80
	15	LOW	Q16	19.36	19.58	19.36	20.80
3	1	LOW	64QAM	19.31	19.80	19.91	20.80
		MID	64QAM	19.45	19.69	19.89	20.80
		HIGH	64QAM	19.30	19.83	19.97	20.80
	8	LOW	64QAM	19.47	19.47	19.67	20.80
		MID	64QAM	19.23	19.42	19.40	20.80
		HIGH	64QAM	19.61	19.43	19.46	20.80
	15	LOW	64QAM	19.47	19.27	19.41	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	19.43	19.26	19.24	20.80
		MID	QPSK	19.30	19.32	19.29	20.80
		HIGH	QPSK	19.34	19.42	19.39	20.80
	12	LOW	QPSK	19.27	19.30	19.24	20.80
		MID	QPSK	19.31	19.31	19.55	20.80
		HIGH	QPSK	19.45	19.36	19.37	20.80
	25	LOW	QPSK	19.37	19.34	19.28	20.80
5	1	LOW	Q16	19.40	19.66	19.64	20.80
		MID	Q16	19.41	19.86	19.86	20.80
		HIGH	Q16	19.36	19.70	19.73	20.80
	12	LOW	Q16	19.43	19.46	19.30	20.80
		MID	Q16	19.48	19.55	19.49	20.80
		HIGH	Q16	19.28	19.58	19.46	20.80
	25	LOW	Q16	19.53	19.53	19.55	20.80
5	1	LOW	64QAM	19.36	19.92	19.89	20.80
		MID	64QAM	19.23	19.75	19.64	20.80
		HIGH	64QAM	19.28	19.80	20.05	20.80
	12	LOW	64QAM	19.39	19.68	19.44	20.80
		MID	64QAM	19.31	19.68	19.22	20.80
		HIGH	64QAM	19.38	19.64	19.64	20.80
	25	LOW	64QAM	19.58	19.24	19.58	20.80

LTE B26-LEVEL2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.24	19.28	20.80
		MID	QPSK	19.47	19.37	19.51	20.80
		HIGH	QPSK	19.23	19.41	19.53	20.80
	25	LOW	QPSK	19.36	19.32	19.31	20.80
		MID	QPSK	19.47	19.52	19.43	20.80
		HIGH	QPSK	19.38	19.26	19.38	20.80
	50	LOW	QPSK	19.33	19.56	19.30	20.80
10	1	LOW	Q16	19.27	19.65	19.82	20.80
		MID	Q16	19.43	19.82	19.74	20.80
		HIGH	Q16	19.30	19.64	19.91	20.80
	25	LOW	Q16	19.34	19.47	19.56	20.80
		MID	Q16	19.34	19.43	19.48	20.80
		HIGH	Q16	19.45	19.54	19.45	20.80
	50	LOW	Q16	19.44	19.56	19.28	20.80
10	1	LOW	64QAM	19.29	19.76	19.97	20.80
		MID	64QAM	19.26	19.55	19.87	20.80
		HIGH	64QAM	19.35	19.62	20.03	20.80
	25	LOW	64QAM	19.35	19.60	19.52	20.80
		MID	64QAM	19.20	19.46	19.27	20.80
		HIGH	64QAM	19.51	19.57	19.55	20.80
	50	LOW	64QAM	19.35	19.44	19.33	20.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	19.40	19.32	19.32	20.80
		MID	QPSK	19.38	19.33	19.38	20.80
		HIGH	QPSK	19.34	**19.43**	19.41	20.80
	36	LOW	QPSK	19.37	**19.44**	19.35	20.80
		MID	QPSK	19.39	19.39	19.42	20.80
		HIGH	QPSK	19.40	19.39	19.43	20.80
	75	LOW	QPSK	19.42	19.42	19.40	20.80
15	1	LOW	Q16	19.35	19.74	19.76	20.80
		MID	Q16	19.35	19.74	19.83	20.80
		HIGH	Q16	19.25	19.77	19.84	20.80
	36	LOW	Q16	19.43	19.51	19.41	20.80
		MID	Q16	19.41	19.48	19.46	20.80
		HIGH	Q16	19.41	19.48	19.44	20.80
	75	LOW	Q16	19.42	19.45	19.42	20.80
15	1	LOW	64QAM	19.20	19.81	19.86	20.80
		MID	64QAM	19.32	19.61	19.78	20.80
		HIGH	64QAM	19.27	19.70	19.97	20.80
	36	LOW	64QAM	19.36	19.54	19.55	20.80
		MID	64QAM	19.28	19.54	19.35	20.80
		HIGH	64QAM	19.51	19.58	19.50	20.80
	75	LOW	64QAM	19.44	19.35	19.47	20.80

LTE B26-LEVEL4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.60	23.20	23.48	24.80
		MID	QPSK	23.50	23.36	23.47	24.80
		HIGH	QPSK	23.49	23.31	23.44	24.80
	3	LOW	QPSK	23.46	23.45	23.37	24.80
		MID	QPSK	23.56	23.56	23.36	24.80
		HIGH	QPSK	23.51	23.39	23.44	24.80
	6	LOW	QPSK	22.50	22.33	22.35	23.80
1.4	1	LOW	Q16	22.48	22.72	22.82	23.80
		MID	Q16	22.30	22.65	22.75	23.80
		HIGH	Q16	22.27	22.85	22.94	23.80
	3	LOW	Q16	22.45	22.75	22.61	23.80
		MID	Q16	22.29	22.88	22.75	23.80
		HIGH	Q16	22.21	22.77	22.86	23.80
	6	LOW	Q16	21.43	21.38	21.25	22.80
1.4	1	LOW	64QAM	21.41	21.67	21.80	22.80
		MID	64QAM	21.30	22.04	21.51	22.80
		HIGH	64QAM	21.42	21.58	21.89	22.80
	3	LOW	64QAM	21.40	21.73	21.64	22.80
		MID	64QAM	21.47	22.06	21.61	22.80
		HIGH	64QAM	21.27	21.75	21.93	22.80
	6	LOW	64QAM	20.54	20.69	20.43	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.66	23.27	23.49	24.80
		MID	QPSK	23.57	23.47	23.30	24.80
		HIGH	QPSK	23.46	23.55	23.42	24.80
	8	LOW	QPSK	22.38	22.35	22.25	23.80
		MID	QPSK	22.31	22.48	22.34	23.80
		HIGH	QPSK	22.50	22.22	22.56	23.80
	15	LOW	QPSK	22.30	22.56	22.25	23.80
3	1	LOW	Q16	22.47	22.72	22.74	23.80
		MID	Q16	22.24	22.90	22.80	23.80
		HIGH	Q16	22.38	22.90	22.73	23.80
	8	LOW	Q16	21.36	21.45	21.27	22.80
		MID	Q16	21.51	21.44	21.51	22.80
		HIGH	Q16	21.47	21.40	21.55	22.80
	15	LOW	Q16	21.34	21.59	21.46	22.80
3	1	LOW	64QAM	21.48	21.88	21.63	22.80
		MID	64QAM	21.48	21.93	21.57	22.80
		HIGH	64QAM	21.37	21.55	21.72	22.80
	8	LOW	64QAM	20.54	20.32	20.43	21.80
		MID	64QAM	20.34	20.49	20.53	21.80
		HIGH	64QAM	20.61	20.59	20.46	21.80
	15	LOW	64QAM	20.41	20.66	20.44	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.25	23.25	24.80
		MID	QPSK	23.38	23.50	23.50	24.80
		HIGH	QPSK	23.47	23.33	23.40	24.80
	12	LOW	QPSK	22.31	22.36	22.25	23.80
		MID	QPSK	22.45	22.49	22.49	23.80
		HIGH	QPSK	22.38	22.31	22.31	23.80
	25	LOW	QPSK	22.43	22.53	22.33	23.80
5	1	LOW	Q16	22.41	22.70	22.67	23.80
		MID	Q16	22.39	22.75	22.62	23.80
		HIGH	Q16	22.21	22.87	22.65	23.80
	12	LOW	Q16	21.51	21.52	21.41	22.80
		MID	Q16	21.56	21.54	21.24	22.80
		HIGH	Q16	21.42	21.45	21.46	22.80
	25	LOW	Q16	21.37	21.59	21.26	22.80
5	1	LOW	64QAM	21.54	21.76	21.54	22.80
		MID	64QAM	21.35	22.06	21.63	22.80
		HIGH	64QAM	21.39	21.76	21.76	22.80
	12	LOW	64QAM	20.44	20.34	20.54	21.80
		MID	64QAM	20.56	20.37	20.60	21.80
		HIGH	64QAM	20.55	20.43	20.54	21.80
	25	LOW	64QAM	20.56	20.53	20.55	21.80

LTE B26-LEVEL4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.61	23.46	23.37	24.80
		MID	QPSK	23.64	23.56	23.32	24.80
		HIGH	QPSK	23.53	23.46	23.33	24.80
	25	LOW	QPSK	22.44	22.60	22.50	23.80
		MID	QPSK	22.30	22.30	22.55	23.80
		HIGH	QPSK	22.29	22.29	22.37	23.80
	50	LOW	QPSK	22.55	22.51	22.51	23.80
10	1	LOW	Q16	22.21	22.73	22.75	23.80
		MID	Q16	22.43	22.64	22.67	23.80
		HIGH	Q16	22.47	22.79	22.92	23.80
	25	LOW	Q16	21.44	21.52	21.34	22.80
		MID	Q16	21.28	21.52	21.34	22.80
		HIGH	Q16	21.45	21.57	21.53	22.80
	50	LOW	Q16	21.51	21.51	21.37	22.80
10	1	LOW	64QAM	21.60	21.90	21.67	22.80
		MID	64QAM	21.36	22.03	21.71	22.80
		HIGH	64QAM	21.49	21.73	21.79	22.80
	25	LOW	64QAM	20.69	20.53	20.47	21.80
		MID	64QAM	20.43	20.41	20.46	21.80
		HIGH	64QAM	20.61	20.58	20.50	21.80
	50	LOW	64QAM	20.40	20.55	20.42	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.49	23.31	23.35	24.80
		MID	QPSK	23.49	23.43	23.37	24.80
		HIGH	QPSK	23.50	**23.54**	23.44	24.80
	36	LOW	QPSK	22.39	**22.46**	22.36	23.80
		MID	QPSK	22.45	22.42	22.44	23.80
		HIGH	QPSK	22.43	22.37	22.41	23.80
	75	LOW	QPSK	22.43	22.47	22.38	23.80
15	1	LOW	Q16	22.35	22.78	22.75	23.80
		MID	Q16	22.35	22.78	22.76	23.80
		HIGH	Q16	22.32	22.75	22.79	23.80
	36	LOW	Q16	21.44	21.50	21.31	22.80
		MID	Q16	21.42	21.43	21.39	22.80
		HIGH	Q16	21.42	21.44	21.42	22.80
	75	LOW	Q16	21.40	21.48	21.38	22.80
15	1	LOW	64QAM	21.47	21.82	21.66	22.80
		MID	64QAM	21.43	21.92	21.65	22.80
		HIGH	64QAM	21.35	21.65	21.85	22.80
	36	LOW	64QAM	20.57	20.41	20.40	21.80
		MID	64QAM	20.43	20.50	20.49	21.80
		HIGH	64QAM	20.56	20.50	20.46	21.80
	75	LOW	64QAM	20.53	20.59	20.50	21.80

LTE B26-LEVEL5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.54	21.47	21.59	22.80
		MID	QPSK	21.57	21.57	21.45	22.80
		HIGH	QPSK	21.66	21.58	21.65	22.80
	3	LOW	QPSK	21.61	21.64	21.44	22.80
		MID	QPSK	21.39	21.68	21.48	22.80
		HIGH	QPSK	21.66	21.46	21.77	22.80
	6	LOW	QPSK	21.59	21.78	21.74	22.80
1.4	1	LOW	Q16	21.42	21.79	21.99	22.80
		MID	Q16	21.43	21.99	22.10	22.80
		HIGH	Q16	21.49	22.08	22.16	22.80
	3	LOW	Q16	21.62	21.89	22.08	22.80
		MID	Q16	21.44	21.94	22.17	22.80
		HIGH	Q16	21.33	22.04	22.06	22.80
	6	LOW	Q16	21.51	21.72	21.59	22.80
1.4	1	LOW	64QAM	21.50	22.10	21.96	22.80
		MID	64QAM	21.33	21.78	21.97	22.80
		HIGH	64QAM	21.28	22.10	22.14	22.80
	3	LOW	64QAM	21.39	21.97	22.00	22.80
		MID	64QAM	21.46	21.87	22.06	22.80
		HIGH	64QAM	21.46	22.02	22.18	22.80
	6	LOW	64QAM	20.78	20.75	20.79	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	21.47	21.69	21.64	22.80
		MID	QPSK	21.42	21.47	21.54	22.80
		HIGH	QPSK	21.62	21.53	21.71	22.80
	8	LOW	QPSK	21.51	21.64	21.69	22.80
		MID	QPSK	21.44	21.56	21.60	22.80
		HIGH	QPSK	21.66	21.51	21.60	22.80
	15	LOW	QPSK	21.63	21.50	21.55	22.80
3	1	LOW	Q16	21.40	21.83	22.02	22.80
		MID	Q16	21.57	22.05	22.07	22.80
		HIGH	Q16	21.40	22.04	22.06	22.80
	8	LOW	Q16	21.56	21.63	21.48	22.80
		MID	Q16	21.68	21.77	21.76	22.80
		HIGH	Q16	21.57	21.62	21.51	22.80
	15	LOW	Q16	21.56	21.82	21.72	22.80
3	1	LOW	64QAM	21.32	21.89	22.16	22.80
		MID	64QAM	21.40	21.70	21.97	22.80
		HIGH	64QAM	21.43	22.07	21.98	22.80
	8	LOW	64QAM	20.48	20.63	20.68	21.80
		MID	64QAM	20.59	20.64	20.57	21.80
		HIGH	64QAM	20.63	20.81	20.86	21.80
	15	LOW	64QAM	20.63	20.78	20.73	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	21.47	21.49	21.67	22.80
		MID	QPSK	21.68	21.61	21.63	22.80
		HIGH	QPSK	21.40	21.55	21.77	22.80
	12	LOW	QPSK	21.52	21.61	21.66	22.80
		MID	QPSK	21.59	21.54	21.74	22.80
		HIGH	QPSK	21.45	21.48	21.78	22.80
	25	LOW	QPSK	21.64	21.61	21.55	22.80
5	1	LOW	Q16	21.61	22.02	21.83	22.80
		MID	Q16	21.64	21.99	21.91	22.80
		HIGH	Q16	21.52	22.02	22.00	22.80
	12	LOW	Q16	21.62	21.77	21.55	22.80
		MID	Q16	21.63	21.64	21.77	22.80
		HIGH	Q16	21.53	21.83	21.62	22.80
	25	LOW	Q16	21.43	21.56	21.50	22.80
5	1	LOW	64QAM	21.35	21.98	22.08	22.80
		MID	64QAM	21.39	21.84	22.14	22.80
		HIGH	64QAM	21.23	22.06	22.03	22.80
	12	LOW	64QAM	20.63	20.84	20.44	21.80
		MID	64QAM	20.67	20.55	20.68	21.80
		HIGH	64QAM	20.63	20.84	20.88	21.80
	25	LOW	64QAM	20.69	20.67	20.68	21.80

LTE B26-LEVEL5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	21.46	21.47	21.46	22.80
		MID	QPSK	21.47	21.62	21.52	22.80
		HIGH	QPSK	21.63	21.45	21.68	22.80
	25	LOW	QPSK	21.49	21.54	21.64	22.80
		MID	QPSK	21.53	21.63	21.58	22.80
		HIGH	QPSK	21.63	21.71	21.53	22.80
	50	LOW	QPSK	21.61	21.50	21.51	22.80
10	1	LOW	Q16	21.68	22.00	21.85	22.80
		MID	Q16	21.62	21.97	21.98	22.80
		HIGH	Q16	21.32	21.99	22.03	22.80
	25	LOW	Q16	21.53	21.54	21.64	22.80
		MID	Q16	21.58	21.78	21.65	22.80
		HIGH	Q16	21.65	21.77	21.78	22.80
	50	LOW	Q16	21.60	21.69	21.65	22.80
10	1	LOW	64QAM	21.50	22.01	22.02	22.80
		MID	64QAM	21.40	21.78	21.96	22.80
		HIGH	64QAM	21.43	22.02	21.96	22.80
	25	LOW	64QAM	20.63	20.74	20.59	21.80
		MID	64QAM	20.43	20.61	20.59	21.80
		HIGH	64QAM	20.56	20.58	20.73	21.80
	50	LOW	64QAM	20.56	20.57	20.82	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	21.55	21.55	21.52	22.80
		MID	QPSK	21.53	21.53	21.56	22.80
		HIGH	QPSK	21.52	**21.64**	21.63	22.80
	36	LOW	QPSK	21.50	21.62	21.55	22.80
		MID	QPSK	21.55	21.59	21.62	22.80
		HIGH	QPSK	21.55	**21.66**	21.65	22.80
	75	LOW	QPSK	21.58	21.63	21.60	22.80
15	1	LOW	Q16	21.53	21.94	21.96	22.80
		MID	Q16	21.50	21.91	22.04	22.80
		HIGH	Q16	21.47	21.98	22.07	22.80
	36	LOW	Q16	21.56	21.69	21.54	22.80
		MID	Q16	21.59	21.63	21.65	22.80
		HIGH	Q16	21.59	21.69	21.65	22.80
	75	LOW	Q16	21.58	21.67	21.63	22.80
15	1	LOW	64QAM	21.47	21.95	22.04	22.80
		MID	64QAM	21.40	21.84	22.02	22.80
		HIGH	64QAM	21.36	22.09	22.09	22.80
	36	LOW	64QAM	20.51	20.70	20.56	21.80
		MID	64QAM	20.57	20.62	20.65	21.80
		HIGH	64QAM	20.59	20.71	20.78	21.80
	75	LOW	64QAM	20.63	20.67	20.78	21.80

8.3.7 LTE Band26 Output Power

LTE B26-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.09	23.14	23.31	24.70
		MID	QPSK	23.19	23.08	23.21	24.70
		HIGH	QPSK	23.34	23.32	23.07	24.70
	3	LOW	QPSK	23.30	22.98	23.07	24.70
		MID	QPSK	23.14	23.07	23.20	24.70
		HIGH	QPSK	23.24	23.21	23.18	24.70
	6	LOW	QPSK	22.27	22.15	22.00	23.70
1.4	1	LOW	Q16	22.23	22.70	22.52	23.70
		MID	Q16	22.13	22.45	22.49	23.70
		HIGH	Q16	22.06	22.56	22.59	23.70
	3	LOW	Q16	22.05	22.51	22.49	23.70
		MID	Q16	22.24	22.73	22.56	23.70
		HIGH	Q16	22.01	22.47	22.51	23.70
	6	LOW	Q16	21.14	21.40	21.23	22.70
1.4	1	LOW	64QAM	21.19	21.43	21.46	22.70
		MID	64QAM	21.09	21.54	21.70	22.70
		HIGH	64QAM	21.27	21.41	21.64	22.70
	3	LOW	64QAM	21.34	21.60	21.48	22.70
		MID	64QAM	21.15	21.42	21.48	22.70
		HIGH	64QAM	21.23	21.55	21.70	22.70
	6	LOW	64QAM	20.06	20.32	20.02	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.11	23.19	23.11	24.80
		MID	QPSK	23.27	23.14	23.06	24.80
		HIGH	QPSK	23.11	23.03	23.07	24.80
	8	LOW	QPSK	22.08	22.10	22.09	23.70
		MID	QPSK	22.26	22.26	22.08	23.70
		HIGH	QPSK	22.06	22.17	22.03	23.70
	15	LOW	QPSK	22.30	22.15	22.18	23.70
3	1	LOW	Q16	22.11	22.71	22.64	23.70
		MID	Q16	22.08	22.54	22.40	23.70
		HIGH	Q16	21.97	22.46	22.68	23.70
	8	LOW	Q16	21.17	21.20	21.05	22.70
		MID	Q16	21.23	21.29	21.12	22.70
		HIGH	Q16	21.13	21.29	21.24	22.70
	15	LOW	Q16	21.07	21.29	21.14	22.70
3	1	LOW	64QAM	21.11	21.49	21.69	22.70
		MID	64QAM	21.13	21.49	21.76	22.70
		HIGH	64QAM	21.24	21.44	21.50	22.70
	8	LOW	64QAM	20.21	20.33	20.03	21.70
		MID	64QAM	20.16	20.43	20.29	21.70
		HIGH	64QAM	20.27	20.07	20.00	21.70
	15	LOW	64QAM	20.19	20.34	19.94	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.12	23.06	24.70
		MID	QPSK	23.10	23.07	23.21	24.70
		HIGH	QPSK	23.18	23.07	23.20	24.70
	12	LOW	QPSK	22.11	22.28	22.29	23.70
		MID	QPSK	22.20	22.09	22.10	23.70
		HIGH	QPSK	22.05	22.08	22.07	23.70
	25	LOW	QPSK	22.08	22.28	22.16	23.70
5	1	LOW	Q16	22.11	22.50	22.47	23.70
		MID	Q16	22.20	22.64	22.53	23.70
		HIGH	Q16	22.09	22.58	22.57	23.70
	12	LOW	Q16	21.23	21.19	21.07	22.70
		MID	Q16	21.21	21.07	21.19	22.70
		HIGH	Q16	21.16	21.13	21.05	22.70
	25	LOW	Q16	21.07	21.13	21.32	22.70
5	1	LOW	64QAM	21.17	21.39	21.49	22.70
		MID	64QAM	21.09	21.38	21.56	22.70
		HIGH	64QAM	21.00	21.40	21.60	22.70
	12	LOW	64QAM	19.99	20.39	20.25	21.70
		MID	64QAM	20.11	20.34	20.25	21.70
		HIGH	64QAM	20.12	20.28	20.05	21.70
	25	LOW	64QAM	20.09	20.37	19.97	21.70

LTE B26-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.18	23.10	24.70
		MID	QPSK	23.26	23.28	22.98	24.70
		HIGH	QPSK	23.08	23.17	23.08	24.70
	25	LOW	QPSK	22.09	22.23	22.04	23.70
		MID	QPSK	22.15	22.22	22.19	23.70
		HIGH	QPSK	22.20	22.09	22.12	23.70
	50	LOW	QPSK	22.32	22.28	22.18	23.70
10	1	LOW	Q16	22.04	22.64	22.50	23.70
		MID	Q16	21.98	22.70	22.61	23.70
		HIGH	Q16	21.96	22.47	22.48	23.70
	25	LOW	Q16	21.12	21.37	21.15	22.70
		MID	Q16	21.23	21.23	21.30	22.70
		HIGH	Q16	21.25	21.12	21.06	22.70
	50	LOW	Q16	21.31	21.18	21.24	22.70
10	1	LOW	64QAM	21.07	21.37	21.66	22.70
		MID	64QAM	21.18	21.46	21.72	22.70
		HIGH	64QAM	21.05	21.58	21.56	22.70
	25	LOW	64QAM	20.03	20.38	20.23	21.70
		MID	64QAM	20.15	20.49	20.26	21.70
		HIGH	64QAM	20.04	20.13	20.06	21.70
	50	LOW	64QAM	20.06	20.37	20.08	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.12	23.16	24.70
		MID	QPSK	23.18	23.20	23.10	24.70
		HIGH	QPSK	**23.22**	23.18	23.16	24.70
	36	LOW	QPSK	22.12	**22.22**	22.16	23.70
		MID	QPSK	22.13	22.17	22.18	23.70
		HIGH	QPSK	22.16	22.21	22.16	23.70
	75	LOW	QPSK	22.17	22.26	22.15	23.70
15	1	LOW	Q16	22.12	22.60	22.51	23.70
		MID	Q16	22.09	22.60	22.48	23.70
		HIGH	Q16	22.10	22.57	22.53	23.70
	36	LOW	Q16	21.19	21.30	21.10	22.70
		MID	Q16	21.19	21.21	21.19	22.70
		HIGH	Q16	21.18	21.27	21.14	22.70
	75	LOW	Q16	21.16	21.27	21.18	22.70
15	1	LOW	64QAM	21.22	21.52	21.55	22.70
		MID	64QAM	21.22	21.52	21.61	22.70
		HIGH	64QAM	21.14	21.46	21.56	22.70
	36	LOW	64QAM	20.09	20.39	20.13	21.70
		MID	64QAM	20.04	20.36	20.21	21.70
		HIGH	64QAM	20.17	20.17	20.10	21.70
	75	LOW	64QAM	20.11	20.33	20.03	21.70

LTE B26-LEVEL 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.09	23.14	23.31	24.70
		MID	QPSK	23.19	23.08	23.21	24.70
		HIGH	QPSK	23.34	23.32	23.07	24.70
	3	LOW	QPSK	23.30	22.98	23.07	24.70
		MID	QPSK	23.14	23.07	23.20	24.70
		HIGH	QPSK	23.24	23.21	23.18	24.70
	6	LOW	QPSK	22.27	22.15	22.00	23.70
1.4	1	LOW	Q16	22.23	22.70	22.52	23.70
		MID	Q16	22.13	22.45	22.49	23.70
		HIGH	Q16	22.06	22.56	22.59	23.70
	3	LOW	Q16	22.05	22.51	22.49	23.70
		MID	Q16	22.24	22.73	22.56	23.70
		HIGH	Q16	22.01	22.47	22.51	23.70
	6	LOW	Q16	21.14	21.40	21.23	22.70
1.4	1	LOW	64QAM	21.19	21.43	21.46	22.70
		MID	64QAM	21.09	21.54	21.70	22.70
		HIGH	64QAM	21.27	21.41	21.64	22.70
	3	LOW	64QAM	21.34	21.60	21.48	22.70
		MID	64QAM	21.15	21.42	21.48	22.70
		HIGH	64QAM	21.23	21.55	21.70	22.70
	6	LOW	64QAM	20.06	20.32	20.02	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.11	23.19	23.11	24.80
		MID	QPSK	23.27	23.14	23.06	24.80
		HIGH	QPSK	23.11	23.03	23.07	24.80
	8	LOW	QPSK	22.08	22.10	22.09	23.70
		MID	QPSK	22.26	22.26	22.08	23.70
		HIGH	QPSK	22.06	22.17	22.03	23.70
	15	LOW	QPSK	22.30	22.15	22.18	23.70
3	1	LOW	Q16	22.11	22.71	22.64	23.70
		MID	Q16	22.08	22.54	22.40	23.70
		HIGH	Q16	21.97	22.46	22.68	23.70
	8	LOW	Q16	21.17	21.20	21.05	22.70
		MID	Q16	21.23	21.29	21.12	22.70
		HIGH	Q16	21.13	21.29	21.24	22.70
	15	LOW	Q16	21.07	21.29	21.14	22.70
3	1	LOW	64QAM	21.11	21.49	21.69	22.70
		MID	64QAM	21.13	21.49	21.76	22.70
		HIGH	64QAM	21.24	21.44	21.50	22.70
	8	LOW	64QAM	20.21	20.33	20.03	21.70
		MID	64QAM	20.16	20.43	20.29	21.70
		HIGH	64QAM	20.27	20.07	20.00	21.70
	15	LOW	64QAM	20.19	20.34	19.94	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.12	23.06	24.70
		MID	QPSK	23.10	23.07	23.21	24.70
		HIGH	QPSK	23.18	23.07	23.20	24.70
	12	LOW	QPSK	22.11	22.28	22.29	23.70
		MID	QPSK	22.20	22.09	22.10	23.70
		HIGH	QPSK	22.05	22.08	22.07	23.70
	25	LOW	QPSK	22.08	22.28	22.16	23.70
5	1	LOW	Q16	22.11	22.50	22.47	23.70
		MID	Q16	22.20	22.64	22.53	23.70
		HIGH	Q16	22.09	22.58	22.57	23.70
	12	LOW	Q16	21.23	21.19	21.07	22.70
		MID	Q16	21.21	21.07	21.19	22.70
		HIGH	Q16	21.16	21.13	21.05	22.70
	25	LOW	Q16	21.07	21.13	21.32	22.70
5	1	LOW	64QAM	21.17	21.39	21.49	22.70
		MID	64QAM	21.09	21.38	21.56	22.70
		HIGH	64QAM	21.00	21.40	21.60	22.70
	12	LOW	64QAM	19.99	20.39	20.25	21.70
		MID	64QAM	20.11	20.34	20.25	21.70
		HIGH	64QAM	20.12	20.28	20.05	21.70
	25	LOW	64QAM	20.09	20.37	19.97	21.70

LTE B26-LEVEL 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.18	23.10	24.70
		MID	QPSK	23.26	23.28	22.98	24.70
		HIGH	QPSK	23.08	23.17	23.08	24.70
	25	LOW	QPSK	22.09	22.23	22.04	23.70
		MID	QPSK	22.15	22.22	22.19	23.70
		HIGH	QPSK	22.20	22.09	22.12	23.70
	50	LOW	QPSK	22.32	22.28	22.18	23.70
10	1	LOW	Q16	22.04	22.64	22.50	23.70
		MID	Q16	21.98	22.70	22.61	23.70
		HIGH	Q16	21.96	22.47	22.48	23.70
	25	LOW	Q16	21.12	21.37	21.15	22.70
		MID	Q16	21.23	21.23	21.30	22.70
		HIGH	Q16	21.25	21.12	21.06	22.70
	50	LOW	Q16	21.31	21.18	21.24	22.70
10	1	LOW	64QAM	21.07	21.37	21.66	22.70
		MID	64QAM	21.18	21.46	21.72	22.70
		HIGH	64QAM	21.05	21.58	21.56	22.70
	25	LOW	64QAM	20.03	20.38	20.23	21.70
		MID	64QAM	20.15	20.49	20.26	21.70
		HIGH	64QAM	20.04	20.13	20.06	21.70
	50	LOW	64QAM	20.06	20.37	20.08	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.12	23.16	24.70
		MID	QPSK	23.18	23.20	23.10	24.70
		HIGH	QPSK	**23.22**	23.18	23.16	24.70
	36	LOW	QPSK	22.12	**22.22**	22.16	23.70
		MID	QPSK	22.13	22.17	22.18	23.70
		HIGH	QPSK	22.16	22.21	22.16	23.70
	75	LOW	QPSK	22.17	22.26	22.15	23.70
15	1	LOW	Q16	22.12	22.60	22.51	23.70
		MID	Q16	22.09	22.60	22.48	23.70
		HIGH	Q16	22.10	22.57	22.53	23.70
	36	LOW	Q16	21.19	21.30	21.10	22.70
		MID	Q16	21.19	21.21	21.19	22.70
		HIGH	Q16	21.18	21.27	21.14	22.70
	75	LOW	Q16	21.16	21.27	21.18	22.70
15	1	LOW	64QAM	21.22	21.52	21.55	22.70
		MID	64QAM	21.22	21.52	21.61	22.70
		HIGH	64QAM	21.14	21.46	21.56	22.70
	36	LOW	64QAM	20.09	20.39	20.13	21.70
		MID	64QAM	20.04	20.36	20.21	21.70
		HIGH	64QAM	20.17	20.17	20.10	21.70
	75	LOW	64QAM	20.11	20.33	20.03	21.70

LTE B26-LEVEL 2&3&4-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.09	23.14	23.31	24.70
		MID	QPSK	23.19	23.08	23.21	24.70
		HIGH	QPSK	23.34	23.32	23.07	24.70
	3	LOW	QPSK	23.30	22.98	23.07	24.70
		MID	QPSK	23.14	23.07	23.20	24.70
		HIGH	QPSK	23.24	23.21	23.18	24.70
	6	LOW	QPSK	22.27	22.15	22.00	23.70
1.4	1	LOW	Q16	22.23	22.70	22.52	23.70
		MID	Q16	22.13	22.45	22.49	23.70
		HIGH	Q16	22.06	22.56	22.59	23.70
	3	LOW	Q16	22.05	22.51	22.49	23.70
		MID	Q16	22.24	22.73	22.56	23.70
		HIGH	Q16	22.01	22.47	22.51	23.70
	6	LOW	Q16	21.14	21.40	21.23	22.70
1.4	1	LOW	64QAM	21.19	21.43	21.46	22.70
		MID	64QAM	21.09	21.54	21.70	22.70
		HIGH	64QAM	21.27	21.41	21.64	22.70
	3	LOW	64QAM	21.34	21.60	21.48	22.70
		MID	64QAM	21.15	21.42	21.48	22.70
		HIGH	64QAM	21.23	21.55	21.70	22.70
	6	LOW	64QAM	20.06	20.32	20.02	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.11	23.19	23.11	24.80
		MID	QPSK	23.27	23.14	23.06	24.80
		HIGH	QPSK	23.11	23.03	23.07	24.80
	8	LOW	QPSK	22.08	22.10	22.09	23.70
		MID	QPSK	22.26	22.26	22.08	23.70
		HIGH	QPSK	22.06	22.17	22.03	23.70
	15	LOW	QPSK	22.30	22.15	22.18	23.70
3	1	LOW	Q16	22.11	22.71	22.64	23.70
		MID	Q16	22.08	22.54	22.40	23.70
		HIGH	Q16	21.97	22.46	22.68	23.70
	8	LOW	Q16	21.17	21.20	21.05	22.70
		MID	Q16	21.23	21.29	21.12	22.70
		HIGH	Q16	21.13	21.29	21.24	22.70
	15	LOW	Q16	21.07	21.29	21.14	22.70
3	1	LOW	64QAM	21.11	21.49	21.69	22.70
		MID	64QAM	21.13	21.49	21.76	22.70
		HIGH	64QAM	21.24	21.44	21.50	22.70
	8	LOW	64QAM	20.21	20.33	20.03	21.70
		MID	64QAM	20.16	20.43	20.29	21.70
		HIGH	64QAM	20.27	20.07	20.00	21.70
	15	LOW	64QAM	20.19	20.34	19.94	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.12	23.06	24.70
		MID	QPSK	23.10	23.07	23.21	24.70
		HIGH	QPSK	23.18	23.07	23.20	24.70
	12	LOW	QPSK	22.11	22.28	22.29	23.70
		MID	QPSK	22.20	22.09	22.10	23.70
		HIGH	QPSK	22.05	22.08	22.07	23.70
	25	LOW	QPSK	22.08	22.28	22.16	23.70
5	1	LOW	Q16	22.11	22.50	22.47	23.70
		MID	Q16	22.20	22.64	22.53	23.70
		HIGH	Q16	22.09	22.58	22.57	23.70
	12	LOW	Q16	21.23	21.19	21.07	22.70
		MID	Q16	21.21	21.07	21.19	22.70
		HIGH	Q16	21.16	21.13	21.05	22.70
	25	LOW	Q16	21.07	21.13	21.32	22.70
5	1	LOW	64QAM	21.17	21.39	21.49	22.70
		MID	64QAM	21.09	21.38	21.56	22.70
		HIGH	64QAM	21.00	21.40	21.60	22.70
	12	LOW	64QAM	19.99	20.39	20.25	21.70
		MID	64QAM	20.11	20.34	20.25	21.70
		HIGH	64QAM	20.12	20.28	20.05	21.70
	25	LOW	64QAM	20.09	20.37	19.97	21.70

LTE B26-LEVEL 2&3&4Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.18	23.10	24.70
		MID	QPSK	23.26	23.28	22.98	24.70
		HIGH	QPSK	23.08	23.17	23.08	24.70
	25	LOW	QPSK	22.09	22.23	22.04	23.70
		MID	QPSK	22.15	22.22	22.19	23.70
		HIGH	QPSK	22.20	22.09	22.12	23.70
	50	LOW	QPSK	22.32	22.28	22.18	23.70
10	1	LOW	Q16	22.04	22.64	22.50	23.70
		MID	Q16	21.98	22.70	22.61	23.70
		HIGH	Q16	21.96	22.47	22.48	23.70
	25	LOW	Q16	21.12	21.37	21.15	22.70
		MID	Q16	21.23	21.23	21.30	22.70
		HIGH	Q16	21.25	21.12	21.06	22.70
	50	LOW	Q16	21.31	21.18	21.24	22.70
10	1	LOW	64QAM	21.07	21.37	21.66	22.70
		MID	64QAM	21.18	21.46	21.72	22.70
		HIGH	64QAM	21.05	21.58	21.56	22.70
	25	LOW	64QAM	20.03	20.38	20.23	21.70
		MID	64QAM	20.15	20.49	20.26	21.70
		HIGH	64QAM	20.04	20.13	20.06	21.70
	50	LOW	64QAM	20.06	20.37	20.08	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.12	23.16	24.70
		MID	QPSK	23.18	23.20	23.10	24.70
		HIGH	QPSK	**23.22**	23.18	23.16	24.70
	36	LOW	QPSK	22.12	**22.22**	22.16	23.70
		MID	QPSK	22.13	22.17	22.18	23.70
		HIGH	QPSK	22.16	22.21	22.16	23.70
	75	LOW	QPSK	22.17	22.26	22.15	23.70
15	1	LOW	Q16	22.12	22.60	22.51	23.70
		MID	Q16	22.09	22.60	22.48	23.70
		HIGH	Q16	22.10	22.57	22.53	23.70
	36	LOW	Q16	21.19	21.30	21.10	22.70
		MID	Q16	21.19	21.21	21.19	22.70
		HIGH	Q16	21.18	21.27	21.14	22.70
	75	LOW	Q16	21.16	21.27	21.18	22.70
15	1	LOW	64QAM	21.22	21.52	21.55	22.70
		MID	64QAM	21.22	21.52	21.61	22.70
		HIGH	64QAM	21.14	21.46	21.56	22.70
	36	LOW	64QAM	20.09	20.39	20.13	21.70
		MID	64QAM	20.04	20.36	20.21	21.70
		HIGH	64QAM	20.17	20.17	20.10	21.70
	75	LOW	64QAM	20.11	20.33	20.03	21.70

LTE B26-LEVEL 5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.84	22.59	22.69	24.20
		MID	QPSK	22.59	22.55	22.76	24.20
		HIGH	QPSK	22.67	22.74	22.60	24.20
	3	LOW	QPSK	22.79	22.65	22.52	24.20
		MID	QPSK	22.63	22.56	22.54	24.20
		HIGH	QPSK	22.55	22.65	22.57	24.20
	6	LOW	QPSK	22.34	22.27	22.24	23.70
1.4	1	LOW	Q16	22.28	22.66	22.49	23.70
		MID	Q16	22.11	22.45	22.66	23.70
		HIGH	Q16	22.02	22.58	22.58	23.70
	3	LOW	Q16	22.12	22.52	22.61	23.70
		MID	Q16	22.11	22.47	22.65	23.70
		HIGH	Q16	22.09	22.55	22.47	23.70
	6	LOW	Q16	21.11	21.30	21.21	22.70
1.4	1	LOW	64QAM	21.21	21.66	21.56	22.70
		MID	64QAM	20.84	21.48	21.65	22.70
		HIGH	64QAM	20.90	21.31	21.33	22.70
	3	LOW	64QAM	21.31	21.59	21.60	22.70
		MID	64QAM	20.90	21.47	21.58	22.70
		HIGH	64QAM	21.11	21.51	21.58	22.70
	6	LOW	64QAM	20.41	20.13	20.36	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	22.77	22.52	22.73	24.20
		MID	QPSK	22.70	22.77	22.71	24.20
		HIGH	QPSK	22.66	22.75	22.58	24.20
	8	LOW	QPSK	22.18	22.20	22.17	23.70
		MID	QPSK	22.06	22.05	22.32	23.70
		HIGH	QPSK	22.04	22.17	22.38	23.70
	15	LOW	QPSK	22.10	22.37	22.32	23.70
3	1	LOW	Q16	22.24	22.44	22.40	23.70
		MID	Q16	21.98	22.53	22.64	23.70
		HIGH	Q16	21.96	22.42	22.70	23.70
	8	LOW	Q16	21.20	21.23	21.11	22.70
		MID	Q16	21.26	21.11	21.30	22.70
		HIGH	Q16	21.26	21.36	21.09	22.70
	15	LOW	Q16	21.18	21.28	21.38	22.70
3	1	LOW	64QAM	21.35	21.57	21.42	22.70
		MID	64QAM	20.93	21.57	21.53	22.70
		HIGH	64QAM	21.09	21.32	21.54	22.70
	8	LOW	64QAM	20.35	20.14	20.32	21.70
		MID	64QAM	20.48	20.43	20.33	21.70
		HIGH	64QAM	20.32	20.06	20.50	21.70
	15	LOW	64QAM	20.46	20.00	20.28	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	22.65	22.61	22.77	24.20
		MID	QPSK	22.53	22.65	22.56	24.20
		HIGH	QPSK	22.73	22.67	22.60	24.20
	12	LOW	QPSK	22.23	22.24	22.20	23.70
		MID	QPSK	22.07	22.13	22.13	23.70
		HIGH	QPSK	22.26	22.12	22.17	23.70
	25	LOW	QPSK	22.18	22.25	22.31	23.70
5	1	LOW	Q16	22.15	22.58	22.60	23.70
		MID	Q16	22.03	22.67	22.61	23.70
		HIGH	Q16	22.05	22.63	22.68	23.70
	12	LOW	Q16	21.03	21.30	21.21	22.70
		MID	Q16	21.11	21.23	21.20	22.70
		HIGH	Q16	21.19	21.38	21.32	22.70
	25	LOW	Q16	21.22	21.19	21.35	22.70
5	1	LOW	64QAM	21.33	21.79	21.51	22.70
		MID	64QAM	21.09	21.58	21.54	22.70
		HIGH	64QAM	20.92	21.41	21.35	22.70
	12	LOW	64QAM	20.34	20.17	20.39	21.70
		MID	64QAM	20.22	20.41	20.36	21.70
		HIGH	64QAM	20.46	20.25	20.45	21.70
	25	LOW	64QAM	20.25	20.25	20.18	21.70

LTE B26-LEVEL 5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	22.67	22.74	22.58	24.20
		MID	QPSK	22.54	22.54	22.72	24.20
		HIGH	QPSK	22.54	22.58	22.75	24.20
	25	LOW	QPSK	22.30	22.15	22.25	23.70
		MID	QPSK	22.26	22.30	22.19	23.70
		HIGH	QPSK	22.27	22.16	22.37	23.70
	50	LOW	QPSK	22.31	22.36	22.15	23.70
10	1	LOW	Q16	22.28	22.46	22.66	23.70
		MID	Q16	22.04	22.66	22.65	23.70
		HIGH	Q16	21.97	22.63	22.67	23.70
	25	LOW	Q16	21.06	21.34	21.17	22.70
		MID	Q16	21.31	21.34	21.36	22.70
		HIGH	Q16	21.20	21.20	21.10	22.70
	50	LOW	Q16	21.28	21.28	21.29	22.70
10	1	LOW	64QAM	21.11	21.62	21.49	22.70
		MID	64QAM	21.08	21.43	21.77	22.70
		HIGH	64QAM	20.92	21.58	21.40	22.70
	25	LOW	64QAM	20.45	20.17	20.40	21.70
		MID	64QAM	20.46	20.40	20.38	21.70
		HIGH	64QAM	20.30	20.04	20.28	21.70
	50	LOW	64QAM	20.19	20.23	20.16	21.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**22.73**	22.64	22.65	24.20
		MID	QPSK	22.68	22.66	22.66	24.20
		HIGH	QPSK	22.69	22.68	22.71	24.20
	36	LOW	QPSK	22.16	**22.26**	22.20	23.70
		MID	QPSK	22.16	22.20	22.24	23.70
		HIGH	QPSK	22.18	22.21	22.25	23.70
	75	LOW	QPSK	22.21	22.24	22.22	23.70
15	1	LOW	Q16	22.13	22.59	22.55	23.70
		MID	Q16	22.12	22.55	22.60	23.70
		HIGH	Q16	22.06	22.57	22.57	23.70
	36	LOW	Q16	21.18	21.27	21.21	22.70
		MID	Q16	21.18	21.24	21.26	22.70
		HIGH	Q16	21.21	21.26	21.22	22.70
	75	LOW	Q16	21.21	21.25	21.24	22.70
15	1	LOW	64QAM	21.26	21.70	21.57	22.70
		MID	64QAM	20.98	21.57	21.66	22.70
		HIGH	64QAM	21.00	21.43	21.47	22.70
	36	LOW	64QAM	20.31	20.13	20.35	21.70
		MID	64QAM	20.33	20.38	20.37	21.70
		HIGH	64QAM	20.36	20.16	20.37	21.70
	75	LOW	64QAM	20.31	20.14	20.21	21.70

8.3.8 LTE Band38 Output Power

LTE B38-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.45	22.57	22.73	23.70
		MID	QPSK	22.41	22.52	22.78	23.70
		HIGH	QPSK	22.44	22.63	22.66	23.70
	12	LOW	QPSK	21.43	21.61	21.60	22.70
		MID	QPSK	21.37	21.53	21.60	22.70
		HIGH	QPSK	21.43	21.56	21.58	22.70
	25	LOW	QPSK	21.47	21.60	21.64	22.70
5	1	LOW	Q16	22.02	21.71	21.98	22.70
		MID	Q16	21.92	21.79	22.21	22.70
		HIGH	Q16	21.92	21.67	22.13	22.70
	12	LOW	Q16	20.43	20.55	20.48	21.70
		MID	Q16	20.47	20.41	20.51	21.70
		HIGH	Q16	20.49	20.55	20.55	21.70
	25	LOW	Q16	20.48	20.58	20.60	21.70
5	1	LOW	64QAM	20.68	20.52	20.85	21.70
		MID	64QAM	20.93	20.79	21.02	21.70
		HIGH	64QAM	21.02	20.77	21.27	21.70
	12	LOW	64QAM	19.46	19.50	19.49	20.70
		MID	64QAM	19.36	19.32	19.73	20.70
		HIGH	64QAM	19.43	19.59	19.65	20.70
	25	LOW	64QAM	19.27	19.56	19.68	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.54	22.52	22.74	23.70
		MID	QPSK	22.38	22.40	22.54	23.70
		HIGH	QPSK	22.65	22.57	22.63	23.70
	25	LOW	QPSK	21.27	21.63	21.68	22.70
		MID	QPSK	21.53	21.63	21.65	22.70
		HIGH	QPSK	21.69	21.64	21.46	22.70
	50	LOW	QPSK	21.44	21.47	21.47	22.70
10	1	LOW	Q16	21.80	21.85	22.04	22.70
		MID	Q16	22.00	21.75	22.28	22.70
		HIGH	Q16	21.74	21.74	22.03	22.70
	25	LOW	Q16	20.52	20.38	20.63	21.70
		MID	Q16	20.57	20.43	20.61	21.70
		HIGH	Q16	20.38	20.48	20.44	21.70
	50	LOW	Q16	20.44	20.43	20.48	21.70
10	1	LOW	64QAM	20.69	20.60	21.01	21.70
		MID	64QAM	20.83	20.72	21.13	21.70
		HIGH	64QAM	21.02	20.82	21.16	21.70
	25	LOW	64QAM	19.40	19.77	19.75	20.70
		MID	64QAM	19.55	19.33	19.88	20.70
		HIGH	64QAM	19.34	19.53	19.38	20.70
	50	LOW	64QAM	19.38	19.61	19.73	20.70

LTE B38-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.54	22.46	22.64	23.70
		MID	QPSK	22.48	22.38	22.66	23.70
		HIGH	QPSK	22.55	22.71	22.77	23.70
	36	LOW	QPSK	21.40	21.58	21.59	22.70
		MID	QPSK	21.45	21.65	21.50	22.70
		HIGH	QPSK	21.43	21.62	21.47	22.70
	75	LOW	QPSK	21.43	21.51	21.50	22.70
15	1	LOW	Q16	21.95	21.60	21.95	22.70
		MID	Q16	21.78	21.81	22.11	22.70
		HIGH	Q16	22.02	21.88	22.27	22.70
	36	LOW	Q16	20.57	20.37	20.71	21.70
		MID	Q16	20.49	20.48	20.59	21.70
		HIGH	Q16	20.63	20.56	20.54	21.70
	75	LOW	Q16	20.42	20.58	20.70	21.70
15	1	LOW	64QAM	20.85	20.70	20.92	21.70
		MID	64QAM	20.80	20.53	21.05	21.70
		HIGH	64QAM	20.96	20.99	21.01	21.70
	36	LOW	64QAM	19.35	19.58	19.48	20.70
		MID	64QAM	19.35	19.44	19.71	20.70
		HIGH	64QAM	19.35	19.59	19.46	20.70
	75	LOW	64QAM	19.25	19.77	19.68	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.65	22.53	22.64	23.70
		MID	QPSK	22.67	22.49	22.64	23.70
		HIGH	QPSK	**22.71**	22.58	22.70	23.70
	50	LOW	QPSK	21.61	21.53	21.62	22.70
		MID	QPSK	21.56	21.54	21.62	22.70
		HIGH	QPSK	**21.63**	21.58	21.58	22.70
	100	LOW	QPSK	21.50	21.50	21.59	22.70
20	1	LOW	Q16	21.90	21.71	22.07	22.70
		MID	Q16	21.86	21.69	22.13	22.70
		HIGH	Q16	21.88	21.75	22.16	22.70
	50	LOW	Q16	20.42	20.49	20.62	21.70
		MID	Q16	20.44	20.53	20.64	21.70
		HIGH	Q16	20.50	20.56	20.58	21.70
	100	LOW	Q16	20.50	20.53	20.59	21.70
20	1	LOW	64QAM	20.81	20.61	20.98	21.70
		MID	64QAM	20.95	20.68	21.02	21.70
		HIGH	64QAM	20.98	20.87	21.16	21.70
	50	LOW	64QAM	19.43	19.63	19.62	20.70
		MID	64QAM	19.40	19.47	19.76	20.70
		HIGH	64QAM	19.44	19.44	19.50	20.70
	100	LOW	64QAM	19.37	19.66	19.62	20.70

LTE B38-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.02	20.06	20.10	20.70
		MID	QPSK	19.89	20.01	20.08	20.70
		HIGH	QPSK	19.99	19.98	19.96	20.70
	12	LOW	QPSK	19.83	20.04	19.88	20.70
		MID	QPSK	19.96	19.84	19.93	20.70
		HIGH	QPSK	20.13	20.06	19.85	20.70
	25	LOW	QPSK	19.86	19.94	20.01	20.70
5	1	LOW	Q16	20.13	20.20	20.32	20.70
		MID	Q16	20.16	20.09	20.44	20.70
		HIGH	Q16	20.27	20.26	20.55	20.70
	12	LOW	Q16	19.97	20.12	20.20	20.70
		MID	Q16	19.88	20.00	20.15	20.70
		HIGH	Q16	19.93	20.13	20.04	20.70
	25	LOW	Q16	19.96	19.98	20.13	20.70
5	1	LOW	64QAM	20.12	20.12	20.11	20.70
		MID	64QAM	20.17	20.02	20.28	20.70
		HIGH	64QAM	20.23	20.28	20.45	20.70
	12	LOW	64QAM	19.99	20.17	20.20	20.70
		MID	64QAM	20.05	20.09	20.11	20.70
		HIGH	64QAM	19.83	19.83	20.18	20.70
	25	LOW	64QAM	20.14	19.85	19.89	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.83	20.05	20.16	20.70
		MID	QPSK	19.90	20.14	19.87	20.70
		HIGH	QPSK	19.89	19.98	20.16	20.70
	25	LOW	QPSK	20.07	20.02	19.93	20.70
		MID	QPSK	19.84	19.98	20.02	20.70
		HIGH	QPSK	19.95	19.83	20.01	20.70
	50	LOW	QPSK	19.78	20.09	19.94	20.70
10	1	LOW	Q16	20.41	20.05	20.40	20.70
		MID	Q16	20.17	20.20	20.36	20.70
		HIGH	Q16	20.44	20.19	20.30	20.70
	25	LOW	Q16	20.01	19.83	20.11	20.70
		MID	Q16	19.82	19.88	19.97	20.70
		HIGH	Q16	20.11	19.96	20.00	20.70
	50	LOW	Q16	19.91	20.07	20.05	20.70
10	1	LOW	64QAM	20.05	19.90	20.12	20.70
		MID	64QAM	20.31	20.15	20.52	20.70
		HIGH	64QAM	20.38	20.37	20.44	20.70
	25	LOW	64QAM	20.03	20.22	20.36	20.70
		MID	64QAM	19.92	20.15	20.21	20.70
		HIGH	64QAM	19.89	19.82	19.98	20.70
	50	LOW	64QAM	19.90	19.89	20.00	20.70

LTE B38-LEVEL1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.84	20.06	19.89	20.70
		MID	QPSK	19.95	20.02	19.86	20.70
		HIGH	QPSK	19.90	20.11	20.03	20.70
	36	LOW	QPSK	19.83	20.01	20.01	20.70
		MID	QPSK	19.95	20.09	20.07	20.70
		HIGH	QPSK	19.89	20.00	20.00	20.70
	75	LOW	QPSK	19.80	19.89	19.98	20.70
15	1	LOW	Q16	20.31	20.32	20.39	20.70
		MID	Q16	20.24	20.13	20.37	20.70
		HIGH	Q16	20.26	20.25	20.55	20.70
	36	LOW	Q16	19.92	20.05	20.19	20.70
		MID	Q16	19.82	19.85	20.00	20.70
		HIGH	Q16	19.90	19.91	20.04	20.70
	75	LOW	Q16	19.82	20.12	20.03	20.70
15	1	LOW	64QAM	20.01	19.99	20.12	20.70
		MID	64QAM	20.17	20.23	20.28	20.70
		HIGH	64QAM	20.39	20.17	20.33	20.70
	36	LOW	64QAM	19.84	19.99	20.15	20.70
		MID	64QAM	19.78	20.13	20.02	20.70
		HIGH	64QAM	19.83	20.10	20.00	20.70
	75	LOW	64QAM	19.90	19.82	20.09	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.89	19.93	20.04	20.70
		MID	QPSK	19.88	19.99	20.01	20.70
		HIGH	QPSK	**20.06**	19.97	20.03	20.70
	50	LOW	QPSK	19.93	19.96	20.00	20.70
		MID	QPSK	19.91	19.95	20.00	20.70
		HIGH	QPSK	**20.01**	19.98	19.97	20.70
	100	LOW	QPSK	19.92	19.95	19.97	20.70
20	1	LOW	Q16	20.26	20.18	20.39	20.70
		MID	Q16	20.25	20.18	20.41	20.70
		HIGH	Q16	20.30	20.22	20.44	20.70
	50	LOW	Q16	19.92	19.97	20.06	20.70
		MID	Q16	19.95	19.99	20.02	20.70
		HIGH	Q16	19.97	19.98	20.00	20.70
	100	LOW	Q16	19.93	19.99	20.00	20.70
20	1	LOW	64QAM	20.13	20.05	20.24	20.70
		MID	64QAM	20.23	20.09	20.38	20.70
		HIGH	64QAM	20.32	20.28	20.38	20.70
	50	LOW	64QAM	19.92	20.08	20.21	20.70
		MID	64QAM	19.91	20.11	20.08	20.70
		HIGH	64QAM	19.89	19.97	20.09	20.70
	100	LOW	64QAM	20.01	19.90	20.04	20.70

LTE B38-LEVEL2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	18.15	18.34	18.50	19.20
		MID	QPSK	18.18	18.31	18.38	19.20
		HIGH	QPSK	18.23	18.23	18.52	19.20
	12	LOW	QPSK	18.18	18.13	18.25	19.20
		MID	QPSK	18.32	18.15	18.42	19.20
		HIGH	QPSK	18.32	18.35	18.15	19.20
	25	LOW	QPSK	18.33	18.15	18.26	19.20
5	1	LOW	Q16	18.60	18.54	18.63	19.20
		MID	Q16	18.59	18.38	18.81	19.20
		HIGH	Q16	18.56	18.34	18.89	19.20
	12	LOW	Q16	18.34	18.33	18.32	19.20
		MID	Q16	18.31	18.23	18.31	19.20
		HIGH	Q16	18.32	18.41	18.25	19.20
	25	LOW	Q16	18.20	18.37	18.28	19.20
5	1	LOW	64QAM	18.57	18.65	18.77	19.20
		MID	64QAM	18.65	18.61	18.57	19.20
		HIGH	64QAM	18.61	18.31	18.93	19.20
	12	LOW	64QAM	18.11	18.24	18.27	19.20
		MID	64QAM	18.16	18.10	18.30	19.20
		HIGH	64QAM	18.18	18.23	18.39	19.20
	25	LOW	64QAM	18.48	18.26	18.42	19.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	18.28	18.27	18.22	19.20
		MID	QPSK	18.29	18.24	18.30	19.20
		HIGH	QPSK	18.28	18.38	18.36	19.20
	25	LOW	QPSK	18.20	18.39	18.39	19.20
		MID	QPSK	18.36	18.33	18.24	19.20
		HIGH	QPSK	18.21	18.16	18.26	19.20
	50	LOW	QPSK	18.26	18.19	18.16	19.20
10	1	LOW	Q16	18.60	18.54	18.66	19.20
		MID	Q16	18.61	18.41	18.60	19.20
		HIGH	Q16	18.47	18.50	18.75	19.20
	25	LOW	Q16	18.18	18.38	18.45	19.20
		MID	Q16	18.07	18.26	18.25	19.20
		HIGH	Q16	18.21	18.18	18.18	19.20
	50	LOW	Q16	18.25	18.16	18.19	19.20
10	1	LOW	64QAM	18.48	18.45	18.75	19.20
		MID	64QAM	18.69	18.50	18.66	19.20
		HIGH	64QAM	18.59	18.44	18.93	19.20
	25	LOW	64QAM	18.25	18.27	18.32	19.20
		MID	64QAM	18.20	18.09	18.30	19.20
		HIGH	64QAM	18.20	18.23	18.24	19.20
	50	LOW	64QAM	18.38	18.38	18.50	19.20

LTE B38-LEVEL2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	18.35	18.16	18.22	19.20
		MID	QPSK	18.26	18.41	18.43	19.20
		HIGH	QPSK	18.09	18.31	18.26	19.20
	36	LOW	QPSK	18.26	18.33	18.22	19.20
		MID	QPSK	18.13	18.34	18.35	19.20
		HIGH	QPSK	18.31	18.43	18.14	19.20
	75	LOW	QPSK	18.08	18.23	18.18	19.20
15	1	LOW	Q16	18.68	18.47	18.55	19.20
		MID	Q16	18.59	18.29	18.68	19.20
		HIGH	Q16	18.58	18.63	18.62	19.20
	36	LOW	Q16	18.27	18.35	18.37	19.20
		MID	Q16	18.06	18.37	18.30	19.20
		HIGH	Q16	18.44	18.44	18.22	19.20
	75	LOW	Q16	18.35	18.31	18.44	19.20
15	1	LOW	64QAM	18.58	18.45	18.60	19.20
		MID	64QAM	18.58	18.48	18.73	19.20
		HIGH	64QAM	18.43	18.44	18.80	19.20
	36	LOW	64QAM	18.19	18.01	18.19	19.20
		MID	64QAM	18.27	18.21	18.36	19.20
		HIGH	64QAM	18.39	18.47	18.30	19.20
	75	LOW	64QAM	18.34	18.17	18.46	19.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	18.33	18.22	18.37	19.20
		MID	QPSK	18.31	18.27	18.31	19.20
		HIGH	QPSK	18.34	18.29	**18.39**	19.20
	50	LOW	QPSK	18.34	18.28	18.32	19.20
		MID	QPSK	18.33	18.27	18.30	19.20
		HIGH	QPSK	**18.39**	18.31	18.27	19.20
	100	LOW	QPSK	18.23	18.27	18.29	19.20
20	1	LOW	Q16	18.56	18.46	18.70	19.20
		MID	Q16	18.56	18.44	18.69	19.20
		HIGH	Q16	18.57	18.48	18.77	19.20
	50	LOW	Q16	18.23	18.28	18.36	19.20
		MID	Q16	18.21	18.31	18.31	19.20
		HIGH	Q16	18.29	18.29	18.32	19.20
	100	LOW	Q16	18.24	18.28	18.30	19.20
20	1	LOW	64QAM	18.43	18.51	18.73	19.20
		MID	64QAM	18.67	18.49	18.66	19.20
		HIGH	64QAM	18.58	18.40	18.81	19.20
	50	LOW	64QAM	18.25	18.15	18.24	19.20
		MID	64QAM	18.15	18.24	18.42	19.20
		HIGH	64QAM	18.27	18.33	18.36	19.20
	100	LOW	64QAM	18.33	18.23	18.43	19.20

LTE B38-LEVEL4-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.45	22.57	22.73	23.70
		MID	QPSK	22.41	22.52	22.78	23.70
		HIGH	QPSK	22.44	22.63	22.66	23.70
	12	LOW	QPSK	21.43	21.61	21.60	22.70
		MID	QPSK	21.37	21.53	21.60	22.70
		HIGH	QPSK	21.43	21.56	21.58	22.70
	25	LOW	QPSK	21.47	21.60	21.64	22.70
5	1	LOW	Q16	22.02	21.71	21.98	22.70
		MID	Q16	21.92	21.79	22.21	22.70
		HIGH	Q16	21.92	21.67	22.13	22.70
	12	LOW	Q16	20.43	20.55	20.48	21.70
		MID	Q16	20.47	20.41	20.51	21.70
		HIGH	Q16	20.49	20.55	20.55	21.70
	25	LOW	Q16	20.48	20.58	20.60	21.70
5	1	LOW	64QAM	20.68	20.52	20.85	21.70
		MID	64QAM	20.93	20.79	21.02	21.70
		HIGH	64QAM	21.02	20.77	21.27	21.70
	12	LOW	64QAM	19.46	19.50	19.49	20.70
		MID	64QAM	19.36	19.32	19.73	20.70
		HIGH	64QAM	19.43	19.59	19.65	20.70
	25	LOW	64QAM	19.27	19.56	19.68	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.54	22.52	22.74	23.70
		MID	QPSK	22.38	22.40	22.54	23.70
		HIGH	QPSK	22.65	22.57	22.63	23.70
	25	LOW	QPSK	21.27	21.63	21.68	22.70
		MID	QPSK	21.53	21.63	21.65	22.70
		HIGH	QPSK	21.69	21.64	21.46	22.70
	50	LOW	QPSK	21.44	21.47	21.47	22.70
10	1	LOW	Q16	21.80	21.85	22.04	22.70
		MID	Q16	22.00	21.75	22.28	22.70
		HIGH	Q16	21.74	21.74	22.03	22.70
	25	LOW	Q16	20.52	20.38	20.63	21.70
		MID	Q16	20.57	20.43	20.61	21.70
		HIGH	Q16	20.38	20.48	20.44	21.70
	50	LOW	Q16	20.44	20.43	20.48	21.70
10	1	LOW	64QAM	20.69	20.60	21.01	21.70
		MID	64QAM	20.83	20.72	21.13	21.70
		HIGH	64QAM	21.02	20.82	21.16	21.70
	25	LOW	64QAM	19.40	19.77	19.75	20.70
		MID	64QAM	19.55	19.33	19.88	20.70
		HIGH	64QAM	19.34	19.53	19.38	20.70
	50	LOW	64QAM	19.38	19.61	19.73	20.70

LTE B38-LEVEL4-Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.54	22.46	22.64	23.70
		MID	QPSK	22.48	22.38	22.66	23.70
		HIGH	QPSK	22.55	22.71	22.77	23.70
	36	LOW	QPSK	21.40	21.58	21.59	22.70
		MID	QPSK	21.45	21.65	21.50	22.70
		HIGH	QPSK	21.43	21.62	21.47	22.70
	75	LOW	QPSK	21.43	21.51	21.50	22.70
15	1	LOW	Q16	21.95	21.60	21.95	22.70
		MID	Q16	21.78	21.81	22.11	22.70
		HIGH	Q16	22.02	21.88	22.27	22.70
	36	LOW	Q16	20.57	20.37	20.71	21.70
		MID	Q16	20.49	20.48	20.59	21.70
		HIGH	Q16	20.63	20.56	20.54	21.70
	75	LOW	Q16	20.42	20.58	20.70	21.70
15	1	LOW	64QAM	20.85	20.70	20.92	21.70
		MID	64QAM	20.80	20.53	21.05	21.70
		HIGH	64QAM	20.96	20.99	21.01	21.70
	36	LOW	64QAM	19.35	19.58	19.48	20.70
		MID	64QAM	19.35	19.44	19.71	20.70
		HIGH	64QAM	19.35	19.59	19.46	20.70
	75	LOW	64QAM	19.25	19.77	19.68	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.65	22.53	22.64	23.70
		MID	QPSK	22.67	22.49	22.64	23.70
		HIGH	QPSK	**22.71**	22.58	22.70	23.70
	50	LOW	QPSK	21.61	21.53	21.62	22.70
		MID	QPSK	21.56	21.54	21.62	22.70
		HIGH	QPSK	**21.63**	21.58	21.58	22.70
	100	LOW	QPSK	21.50	21.50	21.59	22.70
20	1	LOW	Q16	21.90	21.71	22.07	22.70
		MID	Q16	21.86	21.69	22.13	22.70
		HIGH	Q16	21.88	21.75	22.16	22.70
	50	LOW	Q16	20.42	20.49	20.62	21.70
		MID	Q16	20.44	20.53	20.64	21.70
		HIGH	Q16	20.50	20.56	20.58	21.70
	100	LOW	Q16	20.50	20.53	20.59	21.70
20	1	LOW	64QAM	20.81	20.61	20.98	21.70
		MID	64QAM	20.95	20.68	21.02	21.70
		HIGH	64QAM	20.98	20.87	21.16	21.70
	50	LOW	64QAM	19.43	19.63	19.62	20.70
		MID	64QAM	19.40	19.47	19.76	20.70
		HIGH	64QAM	19.44	19.44	19.50	20.70
	100	LOW	64QAM	19.37	19.66	19.62	20.70

LTE B38-LEVEL5&6 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.45	20.34	20.43	21.70
		MID	QPSK	20.34	20.34	20.47	21.70
		HIGH	QPSK	20.26	20.51	20.50	21.70
	12	LOW	QPSK	20.22	20.46	20.40	21.70
		MID	QPSK	20.27	20.37	20.75	21.70
		HIGH	QPSK	20.40	20.34	20.85	21.70
	25	LOW	QPSK	20.35	20.21	20.86	21.70
5	1	LOW	Q16	20.81	20.66	20.58	21.70
		MID	Q16	20.62	20.48	20.31	21.70
		HIGH	Q16	20.78	20.69	20.28	21.70
	12	LOW	Q16	20.38	20.28	20.42	21.70
		MID	Q16	20.38	20.39	20.61	21.70
		HIGH	Q16	20.28	20.40	20.59	21.70
	25	LOW	Q16	20.20	20.23	20.85	21.70
5	1	LOW	64QAM	20.58	20.68	20.31	21.70
		MID	64QAM	20.66	20.62	20.48	21.70
		HIGH	64QAM	20.49	20.60	20.55	21.70
	12	LOW	64QAM	19.41	19.28	19.47	20.70
		MID	64QAM	19.43	19.25	19.55	20.70
		HIGH	64QAM	19.45	19.35	19.77	20.70
	25	LOW	64QAM	19.30	19.34	19.79	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.44	20.25	20.46	21.70
		MID	QPSK	20.42	20.48	20.53	21.70
		HIGH	QPSK	20.29	20.26	20.28	21.70
	25	LOW	QPSK	20.31	20.42	20.52	21.70
		MID	QPSK	20.43	20.36	20.83	21.70
		HIGH	QPSK	20.24	20.28	20.74	21.70
	50	LOW	QPSK	20.24	20.31	20.99	21.70
10	1	LOW	Q16	20.70	20.60	20.61	21.70
		MID	Q16	20.81	20.40	20.48	21.70
		HIGH	Q16	20.72	20.47	20.41	21.70
	25	LOW	Q16	20.29	20.34	20.27	21.70
		MID	Q16	20.21	20.38	20.76	21.70
		HIGH	Q16	20.48	20.29	20.78	21.70
	50	LOW	Q16	20.35	20.45	20.89	21.70
10	1	LOW	64QAM	20.62	20.61	20.53	21.70
		MID	64QAM	20.63	20.74	20.44	21.70
		HIGH	64QAM	20.43	20.46	20.51	21.70
	25	LOW	64QAM	19.31	19.48	19.55	20.70
		MID	64QAM	19.58	19.42	19.66	20.70
		HIGH	64QAM	19.60	19.38	19.88	20.70
	50	LOW	64QAM	19.47	19.29	19.86	20.70

LTE B38-LEVEL5&6 -Ant.3							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.25	20.33	20.36	21.70
		MID	QPSK	20.21	20.36	20.45	21.70
		HIGH	QPSK	20.38	20.33	20.50	21.70
	36	LOW	QPSK	20.21	20.28	20.45	21.70
		MID	QPSK	20.30	20.36	20.68	21.70
		HIGH	QPSK	20.34	20.43	20.69	21.70
	75	LOW	QPSK	20.47	20.39	21.04	21.70
15	1	LOW	Q16	20.72	20.39	20.36	21.70
		MID	Q16	20.54	20.56	20.39	21.70
		HIGH	Q16	20.79	20.48	20.49	21.70
	36	LOW	Q16	20.35	20.45	20.42	21.70
		MID	Q16	20.26	20.43	20.71	21.70
		HIGH	Q16	20.26	20.31	20.66	21.70
	75	LOW	Q16	20.28	20.26	20.81	21.70
15	1	LOW	64QAM	20.54	20.75	20.45	21.70
		MID	64QAM	20.74	20.77	20.47	21.70
		HIGH	64QAM	20.60	20.35	20.40	21.70
	36	LOW	64QAM	19.36	19.38	19.32	20.70
		MID	64QAM	19.57	19.26	19.52	20.70
		HIGH	64QAM	19.33	19.37	19.92	20.70
	75	LOW	64QAM	19.29	19.53	20.03	20.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.31	20.33	20.40	21.70
		MID	QPSK	20.28	20.37	20.39	21.70
		HIGH	QPSK	**20.41**	20.37	20.36	21.70
	50	LOW	QPSK	20.30	20.39	20.38	21.70
		MID	QPSK	20.32	20.36	20.33	21.70
		HIGH	QPSK	**20.44**	20.39	20.34	21.70
	100	LOW	QPSK	20.35	20.33	20.61	21.70
20	1	LOW	Q16	20.66	20.51	20.47	21.70
		MID	Q16	20.67	20.51	20.42	21.70
		HIGH	Q16	20.68	20.55	20.40	21.70
	50	LOW	Q16	20.34	20.39	20.39	21.70
		MID	Q16	20.32	20.39	20.68	21.70
		HIGH	Q16	20.40	20.39	20.70	21.70
	100	LOW	Q16	20.35	20.37	20.77	21.70
20	1	LOW	64QAM	20.63	20.64	20.44	21.70
		MID	64QAM	20.64	20.65	20.50	21.70
		HIGH	64QAM	20.53	20.45	20.49	21.70
	50	LOW	64QAM	19.31	19.40	19.41	20.70
		MID	64QAM	19.46	19.36	19.62	20.70
		HIGH	64QAM	19.47	19.32	19.79	20.70
	100	LOW	64QAM	19.32	19.41	19.90	20.70

8.3.8 LTE Band38 Output Power

LTE B38-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.68	23.58	23.59	24.30
		MID	QPSK	23.48	23.47	23.54	24.30
		HIGH	QPSK	23.41	23.54	23.46	24.30
	12	LOW	QPSK	22.66	22.66	22.57	23.30
		MID	QPSK	22.39	22.54	22.51	23.30
		HIGH	QPSK	22.65	22.49	22.36	23.30
	25	LOW	QPSK	22.50	22.47	22.64	23.30
5	1	LOW	Q16	22.96	22.86	22.86	23.30
		MID	Q16	22.77	22.52	22.96	23.30
		HIGH	Q16	22.96	22.60	22.96	23.30
	12	LOW	Q16	21.41	21.47	21.46	22.30
		MID	Q16	21.37	21.57	21.44	22.30
		HIGH	Q16	21.41	21.63	21.60	22.30
	25	LOW	Q16	21.43	21.36	21.55	22.30
5	1	LOW	64QAM	21.92	21.65	21.90	22.30
		MID	64QAM	21.83	21.65	21.88	22.30
		HIGH	64QAM	21.83	21.66	22.17	22.30
	12	LOW	64QAM	20.50	20.46	20.57	21.30
		MID	64QAM	20.54	20.32	20.56	21.30
		HIGH	64QAM	20.33	20.56	20.66	21.30
	25	LOW	64QAM	20.46	20.52	20.62	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.52	23.69	23.51	24.30
		MID	QPSK	23.49	23.36	23.68	24.30
		HIGH	QPSK	23.50	23.39	23.58	24.30
	25	LOW	QPSK	22.65	22.65	22.38	23.30
		MID	QPSK	22.46	22.65	22.53	23.30
		HIGH	QPSK	22.59	22.58	22.62	23.30
	50	LOW	QPSK	22.56	22.56	22.49	23.30
10	1	LOW	Q16	22.98	22.61	22.90	23.30
		MID	Q16	23.05	22.56	22.89	23.30
		HIGH	Q16	22.83	22.79	22.95	23.30
	25	LOW	Q16	21.39	21.62	21.67	22.30
		MID	Q16	21.47	21.55	21.40	22.30
		HIGH	Q16	21.47	21.41	21.58	22.30
	50	LOW	Q16	21.37	21.44	21.48	22.30
10	1	LOW	64QAM	22.02	21.75	21.95	22.30
		MID	64QAM	21.70	21.46	21.98	22.30
		HIGH	64QAM	21.95	21.62	22.03	22.30
	25	LOW	64QAM	20.65	20.23	20.56	21.30
		MID	64QAM	20.51	20.33	20.57	21.30
		HIGH	64QAM	20.39	20.58	20.55	21.30
	50	LOW	64QAM	20.35	20.48	20.49	21.30

LTE B38-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.66	23.48	24.30
		MID	QPSK	23.44	23.64	23.43	24.30
		HIGH	QPSK	23.44	23.42	23.50	24.30
	36	LOW	QPSK	22.64	22.65	22.53	23.30
		MID	QPSK	22.56	22.40	22.64	23.30
		HIGH	QPSK	22.67	22.43	22.45	23.30
	75	LOW	QPSK	22.48	22.42	22.53	23.30
15	1	LOW	Q16	22.96	22.80	22.91	23.30
		MID	Q16	22.86	22.73	22.84	23.30
		HIGH	Q16	22.81	22.52	23.10	23.30
	36	LOW	Q16	21.56	21.50	21.40	22.30
		MID	Q16	21.44	21.50	21.53	22.30
		HIGH	Q16	21.62	21.55	21.63	22.30
	75	LOW	Q16	21.54	21.43	21.60	22.30
15	1	LOW	64QAM	22.17	21.61	21.74	22.30
		MID	64QAM	21.99	21.54	22.10	22.30
		HIGH	64QAM	21.73	21.71	21.99	22.30
	36	LOW	64QAM	20.74	20.32	20.53	21.30
		MID	64QAM	20.63	20.33	20.53	21.30
		HIGH	64QAM	20.34	20.59	20.50	21.30
	75	LOW	64QAM	20.40	20.44	20.43	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	**23.59**	**23.59**	23.58	24.30
		MID	QPSK	23.54	23.50	23.56	24.30
		HIGH	QPSK	23.52	23.50	23.56	24.30
	50	LOW	QPSK	22.52	**22.57**	22.52	23.30
		MID	QPSK	22.54	22.52	22.53	23.30
		HIGH	QPSK	22.55	22.50	22.48	23.30
	100	LOW	QPSK	22.52	22.50	22.50	23.30
20	1	LOW	Q16	22.89	22.71	23.01	23.30
		MID	Q16	22.90	22.64	22.99	23.30
		HIGH	Q16	22.84	22.65	23.01	23.30
	50	LOW	Q16	21.48	21.51	21.55	22.30
		MID	Q16	21.49	21.48	21.52	22.30
		HIGH	Q16	21.52	21.50	21.49	22.30
	100	LOW	Q16	21.51	21.48	21.49	22.30
20	1	LOW	64QAM	22.02	21.63	21.87	22.30
		MID	64QAM	21.84	21.56	21.99	22.30
		HIGH	64QAM	21.81	21.71	22.02	22.30
	50	LOW	64QAM	20.60	20.36	20.61	21.30
		MID	64QAM	20.57	20.40	20.60	21.30
		HIGH	64QAM	20.41	20.54	20.59	21.30
	100	LOW	64QAM	20.37	20.57	20.49	21.30

LTE B38-LEVEL 1-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.68	23.58	23.59	24.30
		MID	QPSK	23.48	23.47	23.54	24.30
		HIGH	QPSK	23.41	23.54	23.46	24.30
	12	LOW	QPSK	22.66	22.66	22.57	23.30
		MID	QPSK	22.39	22.54	22.51	23.30
		HIGH	QPSK	22.65	22.49	22.36	23.30
	25	LOW	QPSK	22.50	22.47	22.64	23.30
5	1	LOW	Q16	22.96	22.86	22.86	23.30
		MID	Q16	22.77	22.52	22.96	23.30
		HIGH	Q16	22.96	22.60	22.96	23.30
	12	LOW	Q16	21.41	21.47	21.46	22.30
		MID	Q16	21.37	21.57	21.44	22.30
		HIGH	Q16	21.41	21.63	21.60	22.30
	25	LOW	Q16	21.43	21.36	21.55	22.30
5	1	LOW	64QAM	21.92	21.65	21.90	22.30
		MID	64QAM	21.83	21.65	21.88	22.30
		HIGH	64QAM	21.83	21.66	22.17	22.30
	12	LOW	64QAM	20.50	20.46	20.57	21.30
		MID	64QAM	20.54	20.32	20.56	21.30
		HIGH	64QAM	20.33	20.56	20.66	21.30
	25	LOW	64QAM	20.46	20.52	20.62	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.52	23.69	23.51	24.30
		MID	QPSK	23.49	23.36	23.68	24.30
		HIGH	QPSK	23.50	23.39	23.58	24.30
	25	LOW	QPSK	22.65	22.65	22.38	23.30
		MID	QPSK	22.46	22.65	22.53	23.30
		HIGH	QPSK	22.59	22.58	22.62	23.30
	50	LOW	QPSK	22.56	22.56	22.49	23.30
10	1	LOW	Q16	22.98	22.61	22.90	23.30
		MID	Q16	23.05	22.56	22.89	23.30
		HIGH	Q16	22.83	22.79	22.95	23.30
	25	LOW	Q16	21.39	21.62	21.67	22.30
		MID	Q16	21.47	21.55	21.40	22.30
		HIGH	Q16	21.47	21.41	21.58	22.30
	50	LOW	Q16	21.37	21.44	21.48	22.30
10	1	LOW	64QAM	22.02	21.75	21.95	22.30
		MID	64QAM	21.70	21.46	21.98	22.30
		HIGH	64QAM	21.95	21.62	22.03	22.30
	25	LOW	64QAM	20.65	20.23	20.56	21.30
		MID	64QAM	20.51	20.33	20.57	21.30
		HIGH	64QAM	20.39	20.58	20.55	21.30
	50	LOW	64QAM	20.35	20.48	20.49	21.30

LTE B38-LEVEL 1-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.66	23.48	24.30
		MID	QPSK	23.44	23.64	23.43	24.30
		HIGH	QPSK	23.44	23.42	23.50	24.30
	36	LOW	QPSK	22.64	22.65	22.53	23.30
		MID	QPSK	22.56	22.40	22.64	23.30
		HIGH	QPSK	22.67	22.43	22.45	23.30
	75	LOW	QPSK	22.48	22.42	22.53	23.30
15	1	LOW	Q16	22.96	22.80	22.91	23.30
		MID	Q16	22.86	22.73	22.84	23.30
		HIGH	Q16	22.81	22.52	23.10	23.30
	36	LOW	Q16	21.56	21.50	21.40	22.30
		MID	Q16	21.44	21.50	21.53	22.30
		HIGH	Q16	21.62	21.55	21.63	22.30
	75	LOW	Q16	21.54	21.43	21.60	22.30
15	1	LOW	64QAM	22.17	21.61	21.74	22.30
		MID	64QAM	21.99	21.54	22.10	22.30
		HIGH	64QAM	21.73	21.71	21.99	22.30
	36	LOW	64QAM	20.74	20.32	20.53	21.30
		MID	64QAM	20.63	20.33	20.53	21.30
		HIGH	64QAM	20.34	20.59	20.50	21.30
	75	LOW	64QAM	20.40	20.44	20.43	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	**23.59**	**23.59**	23.58	24.30
		MID	QPSK	23.54	23.50	23.56	24.30
		HIGH	QPSK	23.52	23.50	23.56	24.30
	50	LOW	QPSK	22.52	**22.57**	22.52	23.30
		MID	QPSK	22.54	22.52	22.53	23.30
		HIGH	QPSK	22.55	22.50	22.48	23.30
	100	LOW	QPSK	22.52	22.50	22.50	23.30
20	1	LOW	Q16	22.89	22.71	23.01	23.30
		MID	Q16	22.90	22.64	22.99	23.30
		HIGH	Q16	22.84	22.65	23.01	23.30
	50	LOW	Q16	21.48	21.51	21.55	22.30
		MID	Q16	21.49	21.48	21.52	22.30
		HIGH	Q16	21.52	21.50	21.49	22.30
	100	LOW	Q16	21.51	21.48	21.49	22.30
20	1	LOW	64QAM	22.02	21.63	21.87	22.30
		MID	64QAM	21.84	21.56	21.99	22.30
		HIGH	64QAM	21.81	21.71	22.02	22.30
	50	LOW	64QAM	20.60	20.36	20.61	21.30
		MID	64QAM	20.57	20.40	20.60	21.30
		HIGH	64QAM	20.41	20.54	20.59	21.30
	100	LOW	64QAM	20.37	20.57	20.49	21.30

LTE B38-LEVEL 2&3&4-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.68	23.58	23.59	24.30
		MID	QPSK	23.48	23.47	23.54	24.30
		HIGH	QPSK	23.41	23.54	23.46	24.30
	12	LOW	QPSK	22.66	22.66	22.57	23.30
		MID	QPSK	22.39	22.54	22.51	23.30
		HIGH	QPSK	22.65	22.49	22.36	23.30
	25	LOW	QPSK	22.50	22.47	22.64	23.30
5	1	LOW	Q16	22.96	22.86	22.86	23.30
		MID	Q16	22.77	22.52	22.96	23.30
		HIGH	Q16	22.96	22.60	22.96	23.30
	12	LOW	Q16	21.41	21.47	21.46	22.30
		MID	Q16	21.37	21.57	21.44	22.30
		HIGH	Q16	21.41	21.63	21.60	22.30
	25	LOW	Q16	21.43	21.36	21.55	22.30
5	1	LOW	64QAM	21.92	21.65	21.90	22.30
		MID	64QAM	21.83	21.65	21.88	22.30
		HIGH	64QAM	21.83	21.66	22.17	22.30
	12	LOW	64QAM	20.50	20.46	20.57	21.30
		MID	64QAM	20.54	20.32	20.56	21.30
		HIGH	64QAM	20.33	20.56	20.66	21.30
	25	LOW	64QAM	20.46	20.52	20.62	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.52	23.69	23.51	24.30
		MID	QPSK	23.49	23.36	23.68	24.30
		HIGH	QPSK	23.50	23.39	23.58	24.30
	25	LOW	QPSK	22.65	22.65	22.38	23.30
		MID	QPSK	22.46	22.65	22.53	23.30
		HIGH	QPSK	22.59	22.58	22.62	23.30
	50	LOW	QPSK	22.56	22.56	22.49	23.30
10	1	LOW	Q16	22.98	22.61	22.90	23.30
		MID	Q16	23.05	22.56	22.89	23.30
		HIGH	Q16	22.83	22.79	22.95	23.30
	25	LOW	Q16	21.39	21.62	21.67	22.30
		MID	Q16	21.47	21.55	21.40	22.30
		HIGH	Q16	21.47	21.41	21.58	22.30
	50	LOW	Q16	21.37	21.44	21.48	22.30
10	1	LOW	64QAM	22.02	21.75	21.95	22.30
		MID	64QAM	21.70	21.46	21.98	22.30
		HIGH	64QAM	21.95	21.62	22.03	22.30
	25	LOW	64QAM	20.65	20.23	20.56	21.30
		MID	64QAM	20.51	20.33	20.57	21.30
		HIGH	64QAM	20.39	20.58	20.55	21.30
	50	LOW	64QAM	20.35	20.48	20.49	21.30

LTE B38-LEVEL 2&3&4-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.66	23.48	24.30
		MID	QPSK	23.44	23.64	23.43	24.30
		HIGH	QPSK	23.44	23.42	23.50	24.30
	36	LOW	QPSK	22.64	22.65	22.53	23.30
		MID	QPSK	22.56	22.40	22.64	23.30
		HIGH	QPSK	22.67	22.43	22.45	23.30
	75	LOW	QPSK	22.48	22.42	22.53	23.30
15	1	LOW	Q16	22.96	22.80	22.91	23.30
		MID	Q16	22.86	22.73	22.84	23.30
		HIGH	Q16	22.81	22.52	23.10	23.30
	36	LOW	Q16	21.56	21.50	21.40	22.30
		MID	Q16	21.44	21.50	21.53	22.30
		HIGH	Q16	21.62	21.55	21.63	22.30
	75	LOW	Q16	21.54	21.43	21.60	22.30
15	1	LOW	64QAM	22.17	21.61	21.74	22.30
		MID	64QAM	21.99	21.54	22.10	22.30
		HIGH	64QAM	21.73	21.71	21.99	22.30
	36	LOW	64QAM	20.74	20.32	20.53	21.30
		MID	64QAM	20.63	20.33	20.53	21.30
		HIGH	64QAM	20.34	20.59	20.50	21.30
	75	LOW	64QAM	20.40	20.44	20.43	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	**23.59**	**23.59**	23.58	24.30
		MID	QPSK	23.54	23.50	23.56	24.30
		HIGH	QPSK	23.52	23.50	23.56	24.30
	50	LOW	QPSK	22.52	**22.57**	22.52	23.30
		MID	QPSK	22.54	22.52	22.53	23.30
		HIGH	QPSK	22.55	22.50	22.48	23.30
	100	LOW	QPSK	22.52	22.50	22.50	23.30
20	1	LOW	Q16	22.89	22.71	23.01	23.30
		MID	Q16	22.90	22.64	22.99	23.30
		HIGH	Q16	22.84	22.65	23.01	23.30
	50	LOW	Q16	21.48	21.51	21.55	22.30
		MID	Q16	21.49	21.48	21.52	22.30
		HIGH	Q16	21.52	21.50	21.49	22.30
	100	LOW	Q16	21.51	21.48	21.49	22.30
20	1	LOW	64QAM	22.02	21.63	21.87	22.30
		MID	64QAM	21.84	21.56	21.99	22.30
		HIGH	64QAM	21.81	21.71	22.02	22.30
	50	LOW	64QAM	20.60	20.36	20.61	21.30
		MID	64QAM	20.57	20.40	20.60	21.30
		HIGH	64QAM	20.41	20.54	20.59	21.30
	100	LOW	64QAM	20.37	20.57	20.49	21.30

LTE B38-LEVEL 5&6-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	21.79	21.66	21.58	22.30
		MID	QPSK	21.76	21.56	21.70	22.30
		HIGH	QPSK	21.71	21.56	21.66	22.30
	12	LOW	QPSK	21.65	21.64	21.72	22.30
		MID	QPSK	21.77	21.61	21.54	22.30
		HIGH	QPSK	21.85	21.82	21.59	22.30
	25	LOW	QPSK	21.85	21.66	21.50	22.30
5	1	LOW	Q16	22.13	21.81	22.12	22.30
		MID	Q16	22.15	21.84	22.19	22.30
		HIGH	Q16	22.08	22.00	21.91	22.30
	12	LOW	Q16	21.61	21.73	21.60	22.30
		MID	Q16	21.78	21.68	21.57	22.30
		HIGH	Q16	21.74	21.68	21.61	22.30
	25	LOW	Q16	21.63	21.75	21.67	22.30
5	1	LOW	64QAM	21.79	21.99	22.28	22.30
		MID	64QAM	22.26	21.81	22.28	22.30
		HIGH	64QAM	21.80	22.02	22.10	22.30
	12	LOW	64QAM	20.64	20.86	20.71	21.30
		MID	64QAM	20.66	20.65	20.84	21.30
		HIGH	64QAM	20.90	20.70	20.62	21.30
	25	LOW	64QAM	20.92	20.63	20.53	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	21.55	21.72	21.83	22.30
		MID	QPSK	21.85	21.62	21.75	22.30
		HIGH	QPSK	21.59	21.55	21.61	22.30
	25	LOW	QPSK	21.85	21.73	21.76	22.30
		MID	QPSK	21.60	21.69	21.55	22.30
		HIGH	QPSK	21.74	21.76	21.55	22.30
	50	LOW	QPSK	21.76	21.54	21.77	22.30
10	1	LOW	Q16	22.18	21.99	22.17	22.30
		MID	Q16	22.15	21.88	22.03	22.30
		HIGH	Q16	21.90	21.87	21.90	22.30
	25	LOW	Q16	21.68	21.74	21.58	22.30
		MID	Q16	21.88	21.84	21.51	22.30
		HIGH	Q16	21.83	21.59	21.76	22.30
	50	LOW	Q16	21.58	21.83	21.57	22.30
10	1	LOW	64QAM	21.94	22.01	22.09	22.30
		MID	64QAM	22.07	21.95	22.09	22.30
		HIGH	64QAM	21.89	21.77	22.02	22.30
	25	LOW	64QAM	20.67	20.83	20.63	21.30
		MID	64QAM	20.53	20.43	20.71	21.30
		HIGH	64QAM	20.87	20.83	20.78	21.30
	50	LOW	64QAM	20.91	20.65	20.63	21.30

LTE B38-LEVEL 5&6-Ant.4							
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	21.66	21.56	21.70	22.30
		MID	QPSK	21.56	21.68	21.68	22.30
		HIGH	QPSK	21.87	21.67	21.79	22.30
	36	LOW	QPSK	21.66	21.70	21.71	22.30
		MID	QPSK	21.66	21.76	21.55	22.30
		HIGH	QPSK	21.85	21.81	21.50	22.30
	75	LOW	QPSK	21.87	21.74	21.70	22.30
15	1	LOW	Q16	21.92	21.90	22.10	22.30
		MID	Q16	22.01	21.89	21.93	22.30
		HIGH	Q16	22.10	21.93	21.93	22.30
	36	LOW	Q16	21.76	21.86	21.58	22.30
		MID	Q16	21.77	21.86	21.81	22.30
		HIGH	Q16	21.88	21.72	21.64	22.30
	75	LOW	Q16	21.67	21.63	21.52	22.30
15	1	LOW	64QAM	22.04	22.16	22.16	22.30
		MID	64QAM	22.12	21.99	22.07	22.30
		HIGH	64QAM	21.84	21.85	21.97	22.30
	36	LOW	64QAM	20.72	20.82	20.52	21.30
		MID	64QAM	20.59	20.67	20.59	21.30
		HIGH	64QAM	20.66	20.71	20.71	21.30
	75	LOW	64QAM	20.71	20.79	20.59	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	21.70	21.70	21.72	22.30
		MID	QPSK	21.70	21.67	21.69	22.30
		HIGH	QPSK	**21.73**	21.66	21.70	22.30
	50	LOW	QPSK	21.74	21.73	21.70	22.30
		MID	QPSK	21.74	21.70	21.67	22.30
		HIGH	QPSK	**21.76**	21.71	21.60	22.30
	100	LOW	QPSK	21.75	21.69	21.63	22.30
20	1	LOW	Q16	22.07	21.91	22.09	22.30
		MID	Q16	22.10	21.89	22.08	22.30
		HIGH	Q16	22.05	21.85	22.05	22.30
	50	LOW	Q16	21.74	21.73	21.73	22.30
		MID	Q16	21.74	21.71	21.66	22.30
		HIGH	Q16	21.77	21.71	21.65	22.30
	100	LOW	Q16	21.73	21.71	21.64	22.30
20	1	LOW	64QAM	21.92	22.01	22.17	22.30
		MID	64QAM	22.17	21.84	22.13	22.30
		HIGH	64QAM	21.94	21.89	22.05	22.30
	50	LOW	64QAM	20.75	20.73	20.63	21.30
		MID	64QAM	20.60	20.58	20.70	21.30
		HIGH	64QAM	20.79	20.74	20.72	21.30
	100	LOW	64QAM	20.83	20.73	20.59	21.30

8.3.9 LTE Band41 Output Power

LTE B41-Full Power -Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.90	24.09	24.05	24.12	24.20
		MID	QPSK	23.99	23.94	24.03	24.00	24.06	24.20
		HIGH	QPSK	24.07	23.95	23.84	23.90	24.06	24.20
	12	LOW	QPSK	22.99	22.80	22.96	22.97	23.05	23.20
		MID	QPSK	23.14	23.04	22.71	22.82	22.95	23.20
		HIGH	QPSK	23.02	22.91	22.79	22.82	22.99	23.20
	25	LOW	QPSK	23.07	23.00	23.02	23.12	23.17	23.20
5	1	LOW	Q16	23.16	22.98	22.94	22.93	23.08	23.20
		MID	Q16	22.82	22.81	22.97	22.81	22.97	23.20
		HIGH	Q16	23.12	23.12	22.77	22.81	22.94	23.20
	12	LOW	Q16	22.04	22.03	22.05	22.09	22.09	22.20
		MID	Q16	22.05	21.86	21.81	21.97	22.08	22.20
		HIGH	Q16	21.99	21.98	21.80	21.92	21.99	22.20
	25	LOW	Q16	22.10	21.97	21.93	21.90	22.05	22.20
5	1	LOW	64QAM	21.74	21.71	21.68	21.56	21.73	22.20
		MID	64QAM	21.64	21.56	21.69	21.86	22.00	22.20
		HIGH	64QAM	22.14	21.96	21.11	21.70	21.79	22.20
	12	LOW	64QAM	20.94	20.81	20.91	20.96	21.15	21.20
		MID	64QAM	20.79	20.77	20.44	20.88	20.92	21.20
		HIGH	64QAM	21.10	21.07	20.81	20.87	21.04	21.20
	25	LOW	64QAM	20.93	20.80	20.82	20.68	20.85	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.00	23.95	23.93	23.92	23.98	24.30
		MID	QPSK	24.25	24.10	23.90	23.95	24.09	24.30
		HIGH	QPSK	24.16	24.04	23.85	23.93	24.06	24.30
	25	LOW	QPSK	23.04	22.86	23.06	23.08	23.11	23.20
		MID	QPSK	22.91	22.89	22.83	22.85	22.91	23.20
		HIGH	QPSK	23.09	22.96	22.85	22.88	22.98	23.20
	50	LOW	QPSK	22.95	22.89	23.06	23.02	23.18	23.20
10	1	LOW	Q16	23.14	23.01	22.87	22.89	22.92	23.20
		MID	Q16	23.04	23.02	22.74	22.86	22.98	23.20
		HIGH	Q16	23.03	22.85	22.97	23.17	23.17	23.20
	25	LOW	Q16	22.11	21.93	21.75	21.99	22.04	22.20
		MID	Q16	21.97	21.82	22.05	22.02	22.14	22.20
		HIGH	Q16	22.11	21.97	21.92	21.96	22.12	22.20
	50	LOW	Q16	22.04	21.85	21.88	21.88	21.97	22.20
10	1	LOW	64QAM	21.92	21.89	21.54	21.54	21.68	22.20
		MID	64QAM	21.73	21.68	21.80	21.75	21.82	22.20
		HIGH	64QAM	22.13	22.05	21.26	21.69	21.85	22.20
	25	LOW	64QAM	21.06	20.92	20.91	21.14	21.16	21.20
		MID	64QAM	20.93	20.90	20.52	20.68	20.78	21.20
		HIGH	64QAM	20.96	20.84	21.00	21.02	21.10	21.20
	50	LOW	64QAM	20.77	20.72	20.68	20.69	20.81	21.20

LTE B41-Full Power -Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.01	23.85	23.95	23.94	24.01	24.20
		MID	QPSK	24.16	23.97	23.87	23.79	23.91	24.20
		HIGH	QPSK	23.99	23.93	23.99	23.94	24.13	24.20
	36	LOW	QPSK	22.92	22.89	22.75	22.86	23.03	23.20
		MID	QPSK	23.07	22.90	22.94	23.11	23.12	23.20
		HIGH	QPSK	23.02	22.85	23.01	23.00	23.14	23.20
	75	LOW	QPSK	23.04	22.91	22.94	23.07	23.14	23.20
15	1	LOW	Q16	23.16	23.16	22.63	22.93	23.00	23.20
		MID	Q16	22.91	22.74	22.87	22.76	22.94	23.20
		HIGH	Q16	22.95	22.80	22.40	22.86	22.93	23.20
	36	LOW	Q16	22.10	21.94	21.93	22.02	22.12	22.20
		MID	Q16	22.05	21.88	21.85	22.09	22.11	22.20
		HIGH	Q16	21.95	21.87	21.97	21.98	22.12	22.20
	75	LOW	Q16	22.05	22.04	22.12	22.01	22.13	22.20
15	1	LOW	64QAM	21.88	21.71	21.65	21.66	21.77	22.20
		MID	64QAM	21.52	21.50	21.80	21.70	21.87	22.20
		HIGH	64QAM	21.88	21.87	21.16	21.85	21.94	22.20
	36	LOW	64QAM	21.16	21.08	20.88	21.00	21.12	21.20
		MID	64QAM	20.65	20.58	20.64	20.80	20.90	21.20
		HIGH	64QAM	21.11	21.01	20.40	20.80	20.85	21.20
	75	LOW	64QAM	20.92	20.74	20.51	20.60	20.63	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.09	24.06	24.12	23.94	24.02	24.20
		MID	QPSK	**24.19**	24.15	23.93	23.98	24.14	24.20
		HIGH	QPSK	24.12	24.03	24.14	24.02	24.04	24.20
	50	LOW	QPSK	23.14	22.97	23.13	23.02	23.11	23.20
		MID	QPSK	23.17	23.05	**23.19**	23.05	23.12	23.20
		HIGH	QPSK	23.13	22.99	23.17	23.07	23.13	23.20
	100	LOW	QPSK	23.15	22.99	23.09	23.11	23.11	23.20
20	1	LOW	Q16	23.18	23.08	23.20	23.14	23.17	23.20
		MID	Q16	22.92	22.84	23.02	22.93	22.94	23.20
		HIGH	Q16	23.18	23.09	22.95	23.00	23.19	23.20
	50	LOW	Q16	22.10	21.99	22.13	22.04	22.14	22.20
		MID	Q16	22.12	21.93	22.20	22.02	22.15	22.20
		HIGH	Q16	22.10	22.01	22.18	22.15	22.17	22.20
	100	LOW	Q16	22.13	22.13	22.10	22.01	22.12	22.20
20	1	LOW	64QAM	21.87	21.78	21.63	21.60	21.75	22.20
		MID	64QAM	21.62	21.49	21.80	21.83	21.88	22.20
		HIGH	64QAM	22.02	21.99	21.26	21.76	21.91	22.20
	50	LOW	64QAM	21.03	20.94	21.03	20.89	20.93	21.20
		MID	64QAM	20.79	20.63	20.55	20.87	20.88	21.20
		HIGH	64QAM	20.91	20.75	21.15	20.95	20.99	21.20
	100	LOW	64QAM	20.88	20.74	20.75	20.66	20.78	21.20

LTE B41-LEVEL1-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	17.90	17.89	17.56	17.43	17.53	18.70
		MID	QPSK	17.75	17.68	17.54	17.81	17.83	18.70
		HIGH	QPSK	17.65	17.61	17.69	17.72	17.77	18.70
	12	LOW	QPSK	17.72	17.60	17.74	17.73	17.82	18.70
		MID	QPSK	17.60	17.59	17.84	17.65	17.77	18.70
		HIGH	QPSK	17.76	17.67	17.76	17.61	17.70	18.70
	25	LOW	QPSK	17.68	17.64	17.81	17.55	17.65	18.70
5	1	LOW	Q16	18.02	17.87	17.89	17.93	18.07	18.70
		MID	Q16	18.01	17.99	17.80	17.99	17.99	18.70
		HIGH	Q16	18.07	18.00	17.98	17.98	18.15	18.70
	12	LOW	Q16	17.91	17.84	17.60	17.60	17.60	18.70
		MID	Q16	17.63	17.44	17.61	17.57	17.57	18.70
		HIGH	Q16	17.84	17.68	17.63	17.64	17.77	18.70
	25	LOW	Q16	17.57	17.48	17.81	17.54	17.61	18.70
5	1	LOW	64QAM	18.18	17.99	17.76	17.61	17.70	18.70
		MID	64QAM	18.19	18.08	17.75	17.74	17.79	18.70
		HIGH	64QAM	18.00	17.88	18.06	18.11	18.13	18.70
	12	LOW	64QAM	17.89	17.85	18.06	17.82	17.82	18.70
		MID	64QAM	17.80	17.71	17.53	17.37	17.52	18.70
		HIGH	64QAM	17.86	17.82	17.85	17.84	17.96	18.70
	25	LOW	64QAM	17.59	17.40	17.70	17.47	17.66	18.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	17.81	17.71	17.53	17.67	17.68	18.70
		MID	QPSK	17.81	17.76	17.76	17.62	17.71	18.70
		HIGH	QPSK	17.73	17.68	17.76	17.68	17.82	18.70
	25	LOW	QPSK	17.69	17.51	17.87	17.70	17.74	18.70
		MID	QPSK	17.75	17.56	17.75	17.40	17.56	18.70
		HIGH	QPSK	17.70	17.59	17.65	17.55	17.71	18.70
	50	LOW	QPSK	17.67	17.66	17.91	17.68	17.74	18.70
10	1	LOW	Q16	18.06	18.02	17.84	18.07	18.10	18.70
		MID	Q16	18.14	18.05	17.72	17.92	18.02	18.70
		HIGH	Q16	18.20	18.07	17.84	18.04	18.10	18.70
	25	LOW	Q16	17.68	17.63	17.69	17.65	17.76	18.70
		MID	Q16	17.84	17.73	17.67	17.76	17.80	18.70
		HIGH	Q16	17.66	17.47	17.72	17.65	17.67	18.70
	50	LOW	Q16	17.59	17.41	17.70	17.52	17.70	18.70
10	1	LOW	64QAM	18.20	18.01	17.72	17.65	17.71	18.70
		MID	64QAM	18.25	18.14	17.94	17.86	17.87	18.70
		HIGH	64QAM	18.03	17.94	17.91	17.99	18.18	18.70
	25	LOW	64QAM	17.76	17.66	17.88	17.72	17.80	18.70
		MID	64QAM	17.81	17.72	17.52	17.53	17.57	18.70
		HIGH	64QAM	17.69	17.50	17.69	17.77	17.85	18.70
	50	LOW	64QAM	17.63	17.55	17.92	17.42	17.59	18.70

LTE B41-LEVEL1-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	17.76	17.79	17.66	17.77	18.70
		MID	QPSK	17.61	17.58	17.54	17.58	17.58	18.70
		HIGH	QPSK	17.62	17.51	17.85	17.56	17.62	18.70
	36	LOW	QPSK	17.59	17.51	17.62	17.78	17.78	18.70
		MID	QPSK	17.52	17.51	17.77	17.74	17.81	18.70
		HIGH	QPSK	17.62	17.47	17.78	17.77	17.83	18.70
	75	LOW	QPSK	17.65	17.56	17.88	17.64	17.81	18.70
15	1	LOW	Q16	18.04	17.89	17.79	18.00	18.06	18.70
		MID	Q16	18.05	17.86	17.75	18.09	18.16	18.70
		HIGH	Q16	18.08	17.92	17.86	18.07	18.19	18.70
	36	LOW	Q16	17.70	17.54	17.60	17.50	17.68	18.70
		MID	Q16	17.58	17.45	17.69	17.69	17.78	18.70
		HIGH	Q16	17.58	17.54	17.84	17.73	17.79	18.70
	75	LOW	Q16	17.72	17.69	17.87	17.77	17.82	18.70
15	1	LOW	64QAM	18.29	18.23	17.91	17.89	17.98	18.70
		MID	64QAM	18.07	17.94	17.87	17.79	17.86	18.70
		HIGH	64QAM	18.26	18.15	17.83	17.85	17.93	18.70
	36	LOW	64QAM	17.87	17.73	17.96	17.67	17.73	18.70
		MID	64QAM	17.82	17.69	17.37	17.27	17.46	18.70
		HIGH	64QAM	17.70	17.58	17.67	17.82	17.84	18.70
	75	LOW	64QAM	17.65	17.47	17.75	17.64	17.82	18.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	17.75	17.81	**17.78**	17.48	17.67	18.70
		MID	QPSK	17.71	17.68	17.64	17.49	17.68	18.70
		HIGH	QPSK	17.72	17.69	17.72	17.53	17.72	18.70
	50	LOW	QPSK	17.73	17.71	**17.74**	17.64	17.72	18.70
		MID	QPSK	17.67	17.64	17.69	17.56	17.71	18.70
		HIGH	QPSK	17.68	17.65	17.71	17.58	17.73	18.70
	100	LOW	QPSK	17.68	17.68	17.77	17.63	17.76	18.70
20	1	LOW	Q16	18.17	18.09	17.86	17.79	17.98	18.70
		MID	Q16	18.13	18.01	17.84	18.00	18.01	18.70
		HIGH	Q16	18.09	18.09	17.93	17.94	18.06	18.70
	50	LOW	Q16	17.77	17.72	17.75	17.67	17.72	18.70
		MID	Q16	17.70	17.66	17.70	17.65	17.69	18.70
		HIGH	Q16	17.72	17.65	17.70	17.70	17.74	18.70
	100	LOW	Q16	17.71	17.54	17.72	17.65	17.70	18.70
20	1	LOW	64QAM	18.17	18.10	17.76	17.76	17.85	18.70
		MID	64QAM	18.19	18.00	17.85	17.69	17.88	18.70
		HIGH	64QAM	18.14	17.95	17.91	18.03	18.05	18.70
	50	LOW	64QAM	17.83	17.82	17.95	17.74	17.83	18.70
		MID	64QAM	17.71	17.55	17.52	17.41	17.60	18.70
		HIGH	64QAM	17.80	17.66	17.79	17.84	17.84	18.70
	100	LOW	64QAM	17.56	17.39	17.82	17.51	17.70	18.70

LTE B41-LEVEL2&3-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	16.92	16.84	17.16	16.85	16.94	17.70
		MID	QPSK	17.15	17.01	17.11	16.97	17.00	17.70
		HIGH	QPSK	17.15	17.11	16.99	17.19	17.19	17.70
	12	LOW	QPSK	16.99	16.94	17.13	17.04	17.17	17.70
		MID	QPSK	16.96	16.93	17.20	17.01	17.11	17.70
		HIGH	QPSK	17.15	16.96	16.98	17.04	17.14	17.70
	25	LOW	QPSK	16.99	16.86	17.18	17.11	17.25	17.70
5	1	LOW	Q16	17.58	17.42	17.13	17.26	17.26	17.70
		MID	Q16	17.36	17.24	17.15	17.47	17.49	17.70
		HIGH	Q16	17.61	17.54	17.11	17.31	17.33	17.70
	12	LOW	Q16	17.04	16.85	17.24	16.85	16.97	17.70
		MID	Q16	17.05	17.00	17.06	16.70	16.89	17.70
		HIGH	Q16	17.07	16.95	16.94	17.10	17.14	17.70
	25	LOW	Q16	17.17	16.98	17.05	17.04	17.06	17.70
5	1	LOW	64QAM	17.54	17.39	17.28	17.45	17.52	17.70
		MID	64QAM	17.33	17.19	17.37	17.62	17.63	17.70
		HIGH	64QAM	17.48	17.42	17.20	17.33	17.45	17.70
	12	LOW	64QAM	17.02	16.92	16.75	16.80	16.85	17.70
		MID	64QAM	17.05	16.94	17.04	16.97	17.10	17.70
		HIGH	64QAM	17.19	17.18	16.96	17.05	17.07	17.70
	25	LOW	64QAM	16.79	16.79	17.09	17.02	17.10	17.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	17.19	17.04	16.89	17.03	17.17	17.70
		MID	QPSK	17.18	17.12	17.00	17.00	17.15	17.70
		HIGH	QPSK	17.10	16.99	16.93	17.03	17.07	17.70
	25	LOW	QPSK	17.21	17.09	17.23	17.06	17.10	17.70
		MID	QPSK	17.20	17.12	16.94	17.07	17.17	17.70
		HIGH	QPSK	17.02	16.93	17.19	16.91	17.06	17.70
	50	LOW	QPSK	17.09	16.93	17.08	17.05	17.17	17.70
10	1	LOW	Q16	17.57	17.41	17.10	17.14	17.22	17.70
		MID	Q16	17.64	17.45	17.12	17.13	17.27	17.70
		HIGH	Q16	17.57	17.57	17.25	17.20	17.21	17.70
	25	LOW	Q16	17.22	17.17	17.08	17.08	17.10	17.70
		MID	Q16	17.00	16.97	16.97	16.98	17.00	17.70
		HIGH	Q16	17.19	17.10	17.10	17.12	17.23	17.70
	50	LOW	Q16	17.19	17.19	17.16	16.92	17.11	17.70
10	1	LOW	64QAM	17.48	17.45	17.49	17.50	17.58	17.70
		MID	64QAM	17.27	17.08	17.32	17.21	17.38	17.70
		HIGH	64QAM	17.53	17.36	17.39	17.33	17.47	17.70
	25	LOW	64QAM	16.98	16.98	16.79	17.00	17.07	17.70
		MID	64QAM	17.23	17.09	17.13	16.76	16.90	17.70
		HIGH	64QAM	17.02	16.91	17.11	17.02	17.04	17.70
	50	LOW	64QAM	17.00	17.00	17.12	17.24	17.31	17.70

LTE B41-LEVEL2&3-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	16.94	16.87	17.13	16.87	16.98	17.70
		MID	QPSK	16.96	16.79	17.12	17.03	17.16	17.70
		HIGH	QPSK	17.01	16.87	17.12	16.91	17.09	17.70
	36	LOW	QPSK	16.93	16.91	17.21	17.08	17.10	17.70
		MID	QPSK	17.21	17.04	17.11	17.17	17.19	17.70
		HIGH	QPSK	17.07	16.95	16.96	17.04	17.04	17.70
	75	LOW	QPSK	17.08	16.95	16.91	17.14	17.26	17.70
15	1	LOW	Q16	17.47	17.44	17.31	17.19	17.21	17.70
		MID	Q16	17.48	17.47	17.25	17.26	17.27	17.70
		HIGH	Q16	17.50	17.48	17.10	17.11	17.19	17.70
	36	LOW	Q16	17.13	17.11	17.14	16.93	17.11	17.70
		MID	Q16	17.16	17.10	17.16	16.86	16.97	17.70
		HIGH	Q16	17.13	17.06	17.04	16.86	16.96	17.70
	75	LOW	Q16	17.19	17.06	16.99	16.82	16.96	17.70
15	1	LOW	64QAM	17.57	17.45	17.22	17.29	17.47	17.70
		MID	64QAM	17.25	17.06	17.40	17.21	17.34	17.70
		HIGH	64QAM	17.50	17.37	17.14	17.45	17.48	17.70
	36	LOW	64QAM	17.04	16.92	16.95	17.04	17.09	17.70
		MID	64QAM	17.13	17.09	17.06	16.94	17.04	17.70
		HIGH	64QAM	17.22	17.10	16.96	17.07	17.18	17.70
	75	LOW	64QAM	16.94	16.77	17.26	17.08	17.15	17.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	17.06	17.04	**17.09**	17.02	17.04	17.70
		MID	QPSK	17.06	16.94	17.03	16.98	17.03	17.70
		HIGH	QPSK	17.04	17.05	17.02	17.05	17.05	17.70
	50	LOW	QPSK	17.07	16.95	**17.12**	16.94	17.09	17.70
		MID	QPSK	17.06	17.00	17.06	16.96	17.09	17.70
		HIGH	QPSK	17.08	16.94	17.08	16.97	17.10	17.70
	100	LOW	QPSK	17.06	17.00	17.06	17.04	17.12	17.70
20	1	LOW	Q16	17.47	17.33	17.17	17.26	17.36	17.70
		MID	Q16	17.50	17.42	17.16	17.23	17.35	17.70
		HIGH	Q16	17.49	17.49	17.17	17.25	17.33	17.70
	50	LOW	Q16	17.10	17.00	17.09	16.93	17.08	17.70
		MID	Q16	17.06	17.00	17.05	16.94	17.03	17.70
		HIGH	Q16	17.13	17.08	17.05	17.01	17.09	17.70
	100	LOW	Q16	17.06	16.94	17.08	17.10	17.10	17.70
20	1	LOW	64QAM	17.53	17.50	17.37	17.33	17.50	17.70
		MID	64QAM	17.37	17.24	17.38	17.33	17.48	17.70
		HIGH	64QAM	17.40	17.29	17.28	17.32	17.44	17.70
	50	LOW	64QAM	17.06	17.00	16.89	16.87	16.97	17.70
		MID	64QAM	17.18	17.08	17.05	16.96	17.05	17.70
		HIGH	64QAM	17.10	17.09	17.03	16.91	17.06	17.70
	100	LOW	64QAM	16.94	16.77	17.14	17.09	17.20	17.70

LTE B41-LEVEL4-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	21.48	21.38	21.38	21.19	21.35	22.20
		MID	QPSK	21.26	21.24	21.37	21.20	21.34	22.20
		HIGH	QPSK	21.35	21.19	21.45	21.26	21.41	22.20
	12	LOW	QPSK	21.37	21.31	21.48	21.18	21.35	22.20
		MID	QPSK	21.27	21.09	21.33	21.34	21.44	22.20
		HIGH	QPSK	21.28	21.19	21.26	21.47	21.53	22.20
	25	LOW	QPSK	21.30	21.25	21.44	21.49	21.49	22.20
5	1	LOW	Q16	21.84	21.67	21.57	21.41	21.57	22.20
		MID	Q16	21.73	21.57	21.50	21.69	21.71	22.20
		HIGH	Q16	21.66	21.50	21.43	21.70	21.76	22.20
	12	LOW	Q16	21.43	21.43	21.36	21.07	21.20	22.20
		MID	Q16	21.27	21.12	21.48	21.30	21.30	22.20
		HIGH	Q16	21.39	21.23	21.34	21.14	21.22	22.20
	25	LOW	Q16	21.24	21.23	21.49	21.29	21.35	22.20
5	1	LOW	64QAM	21.78	21.76	21.53	21.29	21.42	22.20
		MID	64QAM	21.54	21.45	21.49	21.55	21.60	22.20
		HIGH	64QAM	21.78	21.77	21.39	21.45	21.54	22.20
	12	LOW	64QAM	21.17	21.01	21.36	21.25	21.29	22.20
		MID	64QAM	21.32	21.32	21.34	21.26	21.33	22.20
		HIGH	64QAM	21.16	21.09	21.30	21.30	21.38	22.20
	25	LOW	64QAM	21.28	21.17	21.47	21.18	21.31	22.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	21.56	21.42	21.33	21.20	21.36	22.20
		MID	QPSK	21.28	21.12	21.15	21.27	21.37	22.20
		HIGH	QPSK	21.23	21.11	21.38	21.16	21.27	22.20
	25	LOW	QPSK	21.37	21.30	21.47	21.29	21.37	22.20
		MID	QPSK	21.18	21.02	21.19	21.35	21.40	22.20
		HIGH	QPSK	21.22	21.13	21.52	21.13	21.29	22.20
	50	LOW	QPSK	21.23	21.22	21.41	21.19	21.36	22.20
10	1	LOW	Q16	21.69	21.50	21.40	21.52	21.70	22.20
		MID	Q16	21.84	21.79	21.39	21.53	21.57	22.20
		HIGH	Q16	21.75	21.71	21.63	21.64	21.65	22.20
	25	LOW	Q16	21.39	21.27	21.45	21.32	21.46	22.20
		MID	Q16	21.32	21.21	21.43	21.46	21.46	22.20
		HIGH	Q16	21.48	21.47	21.41	21.29	21.40	22.20
	50	LOW	Q16	21.48	21.48	21.37	21.28	21.30	22.20
10	1	LOW	64QAM	21.62	21.61	21.51	21.54	21.64	22.20
		MID	64QAM	21.71	21.68	21.33	21.53	21.59	22.20
		HIGH	64QAM	21.71	21.57	21.34	21.46	21.51	22.20
	25	LOW	64QAM	21.38	21.36	21.39	21.24	21.30	22.20
		MID	64QAM	21.29	21.24	21.16	21.27	21.32	22.20
		HIGH	64QAM	21.32	21.28	21.39	21.23	21.27	22.20
	50	LOW	64QAM	21.42	21.42	21.37	21.26	21.27	22.20

LTE B41-LEVEL4-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.35	21.22	21.30	21.23	21.27	22.20
		MID	QPSK	21.28	21.13	21.28	21.26	21.35	22.20
		HIGH	QPSK	21.29	21.21	21.49	21.01	21.20	22.20
	36	LOW	QPSK	21.38	21.33	21.32	21.38	21.41	22.20
		MID	QPSK	21.42	21.26	21.44	21.08	21.19	22.20
		HIGH	QPSK	21.22	21.16	21.25	21.18	21.25	22.20
	75	LOW	QPSK	21.20	21.17	21.24	21.18	21.34	22.20
15	1	LOW	Q16	21.81	21.62	21.48	21.47	21.51	22.20
		MID	Q16	21.72	21.69	21.54	21.49	21.64	22.20
		HIGH	Q16	21.78	21.78	21.35	21.71	21.81	22.20
	36	LOW	Q16	21.54	21.53	21.28	21.30	21.30	22.20
		MID	Q16	21.22	21.19	21.45	21.41	21.44	22.20
		HIGH	Q16	21.32	21.24	21.49	21.39	21.41	22.20
	75	LOW	Q16	21.42	21.38	21.33	21.04	21.23	22.20
15	1	LOW	64QAM	21.66	21.61	21.54	21.39	21.49	22.20
		MID	64QAM	21.51	21.49	21.55	21.42	21.51	22.20
		HIGH	64QAM	21.82	21.69	21.32	21.51	21.58	22.20
	36	LOW	64QAM	21.18	21.03	21.34	21.04	21.13	22.20
		MID	64QAM	21.34	21.15	21.34	21.03	21.16	22.20
		HIGH	64QAM	21.41	21.40	21.40	21.28	21.43	22.20
	75	LOW	64QAM	21.35	21.25	21.55	21.35	21.45	22.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.41	21.37	**21.43**	21.09	21.28	22.20
		MID	QPSK	21.36	21.36	21.30	21.30	21.33	22.20
		HIGH	QPSK	21.35	21.35	21.35	21.23	21.33	22.20
	50	LOW	QPSK	21.36	21.17	**21.39**	21.27	21.37	22.20
		MID	QPSK	21.31	21.22	21.33	21.27	21.33	22.20
		HIGH	QPSK	21.34	21.26	21.38	21.34	21.38	22.20
	100	LOW	QPSK	21.34	21.15	21.37	21.22	21.37	22.20
20	1	LOW	Q16	21.82	21.75	21.48	21.46	21.64	22.20
		MID	Q16	21.74	21.69	21.45	21.51	21.66	22.20
		HIGH	Q16	21.77	21.77	21.50	21.61	21.68	22.20
	50	LOW	Q16	21.39	21.38	21.38	21.21	21.35	22.20
		MID	Q16	21.34	21.26	21.38	21.17	21.34	22.20
		HIGH	Q16	21.36	21.31	21.36	21.30	21.37	22.20
	100	LOW	Q16	21.35	21.35	21.36	21.27	21.38	22.20
20	1	LOW	64QAM	21.67	21.66	21.46	21.43	21.56	22.20
		MID	64QAM	21.66	21.53	21.47	21.48	21.54	22.20
		HIGH	64QAM	21.74	21.64	21.45	21.54	21.66	22.20
	50	LOW	64QAM	21.26	21.22	21.30	21.13	21.21	22.20
		MID	64QAM	21.22	21.18	21.27	21.25	21.28	22.20
		HIGH	64QAM	21.28	21.27	21.34	21.32	21.41	22.20
	100	LOW	64QAM	21.36	21.26	21.52	21.27	21.39	22.20

LTE B41-LEVEL5&6-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	18.76	18.65	18.72	18.79	18.82	19.70
		MID	QPSK	18.84	18.75	18.61	18.57	18.76	19.70
		HIGH	QPSK	18.68	18.65	18.57	18.39	18.56	19.70
	12	LOW	QPSK	18.71	18.67	18.77	18.85	18.88	19.70
		MID	QPSK	18.73	18.62	18.69	18.70	18.76	19.70
		HIGH	QPSK	18.78	18.73	18.81	18.68	18.74	19.70
	25	LOW	QPSK	18.84	18.75	18.81	18.70	18.82	19.70
5	1	LOW	Q16	19.26	19.24	18.84	18.86	19.05	19.70
		MID	Q16	19.26	19.22	18.75	19.07	19.23	19.70
		HIGH	Q16	19.00	18.83	18.78	18.82	18.92	19.70
	12	LOW	Q16	18.91	18.75	18.75	18.60	18.66	19.70
		MID	Q16	18.65	18.63	18.66	18.78	18.85	19.70
		HIGH	Q16	18.85	18.84	18.75	18.59	18.73	19.70
	25	LOW	Q16	18.88	18.78	18.78	18.74	18.87	19.70
5	1	LOW	64QAM	19.16	18.97	19.17	18.87	19.05	19.70
		MID	64QAM	19.16	19.00	18.71	19.12	19.21	19.70
		HIGH	64QAM	19.27	19.14	18.63	18.89	19.01	19.70
	12	LOW	64QAM	18.80	18.63	18.99	18.74	18.77	19.70
		MID	64QAM	18.76	18.68	18.59	18.82	18.84	19.70
		HIGH	64QAM	19.02	18.92	18.71	18.66	18.66	19.70
	25	LOW	64QAM	18.78	18.77	18.89	18.51	18.66	19.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	18.97	18.93	18.74	18.69	18.83	19.70
		MID	QPSK	18.65	18.60	18.81	18.67	18.75	19.70
		HIGH	QPSK	18.69	18.68	18.68	18.52	18.65	19.70
	25	LOW	QPSK	18.75	18.63	18.68	18.49	18.60	19.70
		MID	QPSK	18.56	18.48	18.64	18.55	18.73	19.70
		HIGH	QPSK	18.66	18.62	18.74	18.75	18.76	19.70
	50	LOW	QPSK	18.64	18.63	18.63	18.74	18.79	19.70
10	1	LOW	Q16	19.34	19.22	18.79	18.75	18.93	19.70
		MID	Q16	19.00	18.87	18.76	19.17	19.23	19.70
		HIGH	Q16	19.04	18.92	19.03	18.86	19.00	19.70
	25	LOW	Q16	18.88	18.72	18.90	18.72	18.76	19.70
		MID	Q16	18.86	18.81	18.67	18.59	18.71	19.70
		HIGH	Q16	18.79	18.78	18.73	18.73	18.89	19.70
	50	LOW	Q16	18.89	18.87	18.86	18.74	18.80	19.70
10	1	LOW	64QAM	19.17	19.07	19.14	18.86	19.03	19.70
		MID	64QAM	19.13	18.97	18.78	18.98	19.13	19.70
		HIGH	64QAM	19.22	19.10	18.46	18.79	18.80	19.70
	25	LOW	64QAM	18.94	18.75	18.71	18.58	18.72	19.70
		MID	64QAM	18.89	18.81	18.60	18.73	18.75	19.70
		HIGH	64QAM	18.78	18.68	18.54	18.69	18.71	19.70
	50	LOW	64QAM	18.73	18.66	18.67	18.59	18.78	19.70

LTE B41-LEVEL5&6-Ant.3									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	18.72	18.70	18.74	18.62	18.78	19.70
		MID	QPSK	18.61	18.45	18.74	18.66	18.82	19.70
		HIGH	QPSK	18.84	18.81	18.71	18.64	18.71	19.70
	36	LOW	QPSK	18.88	18.79	18.89	18.57	18.71	19.70
		MID	QPSK	18.53	18.48	18.79	18.42	18.56	19.70
		HIGH	QPSK	18.72	18.53	18.88	18.84	18.88	19.70
	75	LOW	QPSK	18.73	18.64	18.74	18.68	18.85	19.70
15	1	LOW	Q16	19.20	19.06	18.81	19.00	19.02	19.70
		MID	Q16	19.07	19.00	18.00	18.92	19.07	19.70
		HIGH	Q16	19.04	18.85	18.77	19.03	19.14	19.70
	36	LOW	Q16	18.65	18.50	18.77	18.78	18.88	19.70
		MID	Q16	18.59	18.48	18.80	18.56	18.60	19.70
		HIGH	Q16	18.75	18.56	18.64	18.83	18.84	19.70
	75	LOW	Q16	18.78	18.59	18.90	18.69	18.73	19.70
15	1	LOW	64QAM	19.24	19.23	19.16	19.04	19.11	19.70
		MID	64QAM	19.26	19.26	18.21	18.85	19.00	19.70
		HIGH	64QAM	19.39	19.27	18.61	18.73	18.78	19.70
	36	LOW	64QAM	18.71	18.55	18.95	18.71	18.81	19.70
		MID	64QAM	18.95	18.95	18.83	18.72	18.88	19.70
		HIGH	64QAM	18.90	18.83	18.49	18.47	18.62	19.70
	75	LOW	64QAM	18.73	18.54	18.65	18.44	18.55	19.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	18.75	18.74	**18.78**	18.69	18.69	19.70
		MID	QPSK	18.71	18.58	18.68	18.54	18.69	19.70
		HIGH	QPSK	18.76	18.67	18.68	18.60	18.69	19.70
	50	LOW	QPSK	18.74	18.74	**18.75**	18.67	18.73	19.70
		MID	QPSK	18.68	18.49	18.71	18.66	18.71	19.70
		HIGH	QPSK	18.70	18.60	**18.75**	18.65	**18.75**	19.70
	100	LOW	QPSK	18.73	18.55	18.77	18.64	18.73	19.70
20	1	LOW	Q16	19.22	19.15	18.88	18.93	19.00	19.70
		MID	Q16	19.11	19.00	18.85	18.95	19.08	19.70
		HIGH	Q16	19.15	19.14	18.90	18.87	19.05	19.70
	50	LOW	Q16	18.76	18.59	18.77	18.73	18.75	19.70
		MID	Q16	18.74	18.64	18.72	18.64	18.70	19.70
		HIGH	Q16	18.74	18.56	18.77	18.70	18.75	19.70
	100	LOW	Q16	18.76	18.74	18.76	18.59	18.73	19.70
20	1	LOW	64QAM	19.23	19.18	19.08	19.04	19.15	19.70
		MID	64QAM	19.24	19.22	18.82	19.01	19.07	19.70
		HIGH	64QAM	19.28	19.26	18.61	18.78	18.90	19.70
	50	LOW	64QAM	18.85	18.73	18.84	18.67	18.68	19.70
		MID	64QAM	18.88	18.88	18.68	18.67	18.80	19.70
		HIGH	64QAM	18.88	18.76	18.62	18.56	18.71	19.70
	100	LOW	64QAM	18.80	18.67	18.77	18.58	18.65	19.70

8.3.9 LTE Band41 Output Power

LTE B41-Full Power&LEVEL1&2&3 -Ant.4									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.34	23.24	23.42	23.23	23.31	24.80
		MID	QPSK	23.34	23.33	23.40	23.23	23.33	24.80
		HIGH	QPSK	23.25	23.09	23.46	23.26	23.37	24.80
	12	LOW	QPSK	22.34	22.17	22.26	22.51	22.56	23.80
		MID	QPSK	22.62	22.49	22.28	22.20	22.38	23.80
		HIGH	QPSK	22.36	22.29	22.30	22.31	22.35	23.80
	25	LOW	QPSK	22.47	22.33	22.45	22.42	22.47	23.80
5	1	LOW	Q16	22.73	22.62	22.74	22.41	22.54	23.80
		MID	Q16	22.72	22.62	22.69	22.45	22.55	23.80
		HIGH	Q16	22.75	22.58	22.78	22.63	22.75	23.80
	12	LOW	Q16	21.50	21.43	21.51	21.21	21.34	22.80
		MID	Q16	21.37	21.31	21.28	21.40	21.49	22.80
		HIGH	Q16	21.45	21.29	21.44	21.50	21.53	22.80
	25	LOW	Q16	21.44	21.35	21.29	21.26	21.32	22.80
5	1	LOW	64QAM	22.41	22.40	22.56	22.34	22.47	22.80
		MID	64QAM	22.64	22.55	22.61	22.49	22.55	22.80
		HIGH	64QAM	22.55	22.42	22.67	22.30	22.40	22.80
	12	LOW	64QAM	21.21	21.10	21.06	21.18	21.23	21.80
		MID	64QAM	21.56	21.50	21.29	21.10	21.17	21.80
		HIGH	64QAM	21.39	21.22	21.73	21.42	21.56	21.80
	25	LOW	64QAM	21.67	21.65	21.58	21.50	21.50	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	23.33	23.48	23.30	23.32	24.30
		MID	QPSK	23.45	23.26	23.41	23.18	23.37	24.30
		HIGH	QPSK	23.33	23.15	23.46	23.44	23.47	24.30
	25	LOW	QPSK	22.48	22.44	22.53	22.33	22.33	23.80
		MID	QPSK	22.47	22.45	22.44	22.39	22.49	23.80
		HIGH	QPSK	22.55	22.42	22.46	22.20	22.27	23.80
	50	LOW	QPSK	22.61	22.46	22.55	22.41	22.42	23.80
10	1	LOW	Q16	22.51	22.51	22.97	22.63	22.64	23.80
		MID	Q16	22.77	22.66	22.68	22.45	22.54	23.80
		HIGH	Q16	22.74	22.74	22.75	22.51	22.54	23.80
	25	LOW	Q16	21.30	21.25	21.59	21.29	21.40	22.80
		MID	Q16	21.60	21.41	21.58	21.25	21.32	22.80
		HIGH	Q16	21.51	21.32	21.65	21.40	21.52	22.80
	50	LOW	Q16	21.63	21.63	21.52	21.24	21.41	22.80
10	1	LOW	64QAM	22.41	22.34	22.72	22.57	22.62	22.80
		MID	64QAM	22.86	22.84	22.79	22.62	22.80	22.80
		HIGH	64QAM	22.49	22.47	22.61	22.22	22.39	22.80
	25	LOW	64QAM	21.49	21.30	21.08	21.20	21.23	21.80
		MID	64QAM	21.59	21.58	21.29	21.00	21.15	21.80
		HIGH	64QAM	21.30	21.20	21.70	21.32	21.40	21.80
	50	LOW	64QAM	21.63	21.46	21.69	21.46	21.57	21.80

LTE B41-Full Power&LEVEL1&2&3 -Ant.4									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.35	23.49	23.23	23.27	24.80
		MID	QPSK	23.22	23.13	23.42	23.32	23.35	24.80
		HIGH	QPSK	23.43	23.39	23.43	23.09	23.21	24.80
	36	LOW	QPSK	22.48	22.32	22.37	22.21	22.35	23.80
		MID	QPSK	22.56	22.42	22.49	22.32	22.44	23.80
		HIGH	QPSK	22.62	22.57	22.47	22.35	22.41	23.80
	75	LOW	QPSK	22.45	22.41	22.47	22.27	22.42	23.80
15	1	LOW	Q16	22.74	22.60	22.93	22.44	22.57	23.80
		MID	Q16	22.57	22.48	22.69	22.36	22.51	23.80
		HIGH	Q16	22.71	22.68	22.67	22.43	22.61	23.80
	36	LOW	Q16	21.49	21.32	21.33	21.44	21.53	22.80
		MID	Q16	21.35	21.18	21.38	21.26	21.42	22.80
		HIGH	Q16	21.45	21.33	21.59	21.44	21.62	22.80
	75	LOW	Q16	21.61	21.48	21.32	21.54	21.54	22.80
15	1	LOW	64QAM	22.68	22.57	22.61	22.70	22.70	22.80
		MID	64QAM	22.78	22.59	22.71	22.50	22.58	22.80
		HIGH	64QAM	22.48	22.30	22.68	22.31	22.40	22.80
	36	LOW	64QAM	21.44	21.37	21.18	21.10	21.24	21.80
		MID	64QAM	21.49	21.38	21.38	21.08	21.18	21.80
		HIGH	64QAM	21.47	21.41	21.46	21.49	21.52	21.80
	75	LOW	64QAM	21.67	21.59	21.71	21.37	21.43	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.32	23.14	**23.45**	23.23	23.38	24.80
		MID	QPSK	23.36	23.29	23.36	23.17	23.29	24.80
		HIGH	QPSK	23.37	23.34	23.38	23.32	23.34	24.80
	50	LOW	QPSK	22.44	22.36	22.39	22.30	22.43	23.80
		MID	QPSK	22.49	22.39	22.38	22.35	22.38	23.80
		HIGH	QPSK	**22.51**	22.45	22.43	22.31	22.42	23.80
	100	LOW	QPSK	22.50	22.37	22.40	22.26	22.36	23.80
20	1	LOW	Q16	22.64	22.61	22.88	22.58	22.64	23.80
		MID	Q16	22.71	22.53	22.74	22.58	22.60	23.80
		HIGH	Q16	22.75	22.57	22.80	22.44	22.63	23.80
	50	LOW	Q16	21.43	21.33	21.44	21.38	21.41	22.80
		MID	Q16	21.50	21.40	21.43	21.37	21.41	22.80
		HIGH	Q16	21.45	21.36	21.50	21.41	21.48	22.80
	100	LOW	Q16	21.50	21.41	21.42	21.25	21.43	22.80
20	1	LOW	64QAM	22.54	22.35	22.67	22.48	22.55	22.80
		MID	64QAM	22.72	22.72	22.65	22.61	22.70	22.80
		HIGH	64QAM	22.63	22.62	22.55	22.37	22.51	22.80
	50	LOW	64QAM	21.36	21.23	21.17	21.19	21.29	21.80
		MID	64QAM	21.48	21.36	21.39	21.16	21.29	21.80
		HIGH	64QAM	21.32	21.21	21.61	21.30	21.45	21.80
	100	LOW	64QAM	21.55	21.41	21.60	21.42	21.58	21.80

LTE B41-LEVEL 4-Ant.4									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.99	22.88	22.98	22.91	23.07	24.30
		MID	QPSK	22.88	22.73	23.06	22.83	22.83	24.30
		HIGH	QPSK	22.93	22.84	22.84	22.78	22.79	24.30
	12	LOW	QPSK	21.91	21.77	22.06	21.82	21.92	23.80
		MID	QPSK	21.86	21.68	21.93	21.85	21.85	23.80
		HIGH	QPSK	22.02	21.90	22.06	21.85	22.02	23.80
	25	LOW	QPSK	21.92	21.82	21.91	21.83	21.99	23.80
5	1	LOW	Q16	22.44	22.31	22.02	22.44	22.44	23.80
		MID	Q16	22.57	22.45	22.08	22.02	22.08	23.80
		HIGH	Q16	22.34	22.30	22.08	22.09	22.26	23.80
	12	LOW	Q16	21.16	21.07	20.94	20.79	20.93	22.80
		MID	Q16	20.95	20.77	21.00	20.71	20.86	22.80
		HIGH	Q16	20.89	20.82	21.10	20.64	20.82	22.80
	25	LOW	Q16	20.99	20.87	20.90	20.88	20.98	22.80
5	1	LOW	64QAM	21.46	21.37	21.36	21.34	21.34	22.80
		MID	64QAM	21.71	21.70	20.95	21.30	21.32	22.80
		HIGH	64QAM	21.71	21.52	20.90	20.96	21.11	22.80
	12	LOW	64QAM	19.94	19.87	20.18	19.87	20.06	21.80
		MID	64QAM	20.12	20.01	19.83	19.80	19.89	21.80
		HIGH	64QAM	20.06	19.94	19.92	19.76	19.89	21.80
	25	LOW	64QAM	19.75	19.75	20.29	19.97	20.05	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.18	23.10	22.92	22.93	22.94	24.30
		MID	QPSK	22.93	22.77	23.08	22.94	22.97	24.30
		HIGH	QPSK	22.93	22.92	23.09	22.76	22.86	24.30
	25	LOW	QPSK	22.10	21.95	21.90	21.92	22.11	23.80
		MID	QPSK	21.91	21.84	21.84	21.86	22.03	23.80
		HIGH	QPSK	21.87	21.71	21.94	21.92	22.07	23.80
	50	LOW	QPSK	21.96	21.80	21.89	21.82	21.90	23.80
10	1	LOW	Q16	22.50	22.42	22.09	22.27	22.41	23.80
		MID	Q16	22.47	22.37	21.89	22.13	22.14	23.80
		HIGH	Q16	22.33	22.32	21.99	22.09	22.15	23.80
	25	LOW	Q16	20.96	20.86	20.98	20.87	20.91	22.80
		MID	Q16	21.14	20.99	20.95	20.91	20.94	22.80
		HIGH	Q16	21.00	20.89	20.86	20.98	21.01	22.80
	50	LOW	Q16	21.01	20.84	21.04	20.84	20.87	22.80
10	1	LOW	64QAM	21.31	21.12	21.20	21.24	21.27	22.80
		MID	64QAM	21.63	21.62	20.98	21.13	21.15	22.80
		HIGH	64QAM	21.61	21.56	21.01	21.19	21.32	22.80
	25	LOW	64QAM	20.12	20.10	20.32	19.81	20.00	21.80
		MID	64QAM	20.11	20.01	19.80	19.83	19.95	21.80
		HIGH	64QAM	20.06	20.01	19.75	19.54	19.69	21.80
	50	LOW	64QAM	19.97	19.93	20.17	20.02	20.06	21.80

LTE B41-LEVEL 4-Ant.4									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.08	22.98	22.99	22.88	22.94	24.30
		MID	QPSK	23.14	23.13	22.78	22.68	22.77	24.30
		HIGH	QPSK	22.93	22.86	23.00	22.82	22.98	24.30
	36	LOW	QPSK	22.02	21.90	21.87	22.07	22.08	23.80
		MID	QPSK	21.88	21.74	21.95	21.76	21.93	23.80
		HIGH	QPSK	22.02	22.00	21.86	21.75	21.89	23.80
	75	LOW	QPSK	22.03	22.03	21.96	21.94	22.01	23.80
15	1	LOW	Q16	22.55	22.50	22.23	22.09	22.16	23.80
		MID	Q16	22.60	22.50	22.01	22.22	22.24	23.80
		HIGH	Q16	22.40	22.40	22.04	22.25	22.30	23.80
	36	LOW	Q16	21.10	20.92	20.93	20.86	21.03	22.80
		MID	Q16	20.97	20.82	20.99	20.76	20.89	22.80
		HIGH	Q16	20.96	20.91	21.07	20.88	21.06	22.80
	75	LOW	Q16	21.10	21.00	20.87	20.93	21.10	22.80
15	1	LOW	64QAM	21.37	21.37	21.23	21.27	21.41	22.80
		MID	64QAM	21.52	21.45	20.89	21.32	21.33	22.80
		HIGH	64QAM	21.52	21.40	21.05	20.97	21.07	22.80
	36	LOW	64QAM	20.05	19.86	20.39	19.90	19.99	21.80
		MID	64QAM	20.00	19.90	19.96	19.81	19.88	21.80
		HIGH	64QAM	19.95	19.79	19.86	19.59	19.63	21.80
	75	LOW	64QAM	19.79	19.67	20.12	20.13	20.18	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	**23.05**	22.94	22.94	22.92	22.95	24.30
		MID	QPSK	23.01	22.84	22.93	22.75	22.88	24.30
		HIGH	QPSK	**23.05**	22.86	22.96	22.83	22.93	24.30
	50	LOW	QPSK	**22.13**	21.97	22.01	21.95	22.00	23.80
		MID	QPSK	22.01	21.91	21.96	21.92	21.92	23.80
		HIGH	QPSK	22.00	21.98	21.98	21.96	21.97	23.80
	100	LOW	QPSK	21.97	21.97	21.99	21.87	21.98	23.80
20	1	LOW	Q16	22.53	22.45	22.09	22.15	22.30	23.80
		MID	Q16	22.50	22.34	22.02	22.19	22.23	23.80
		HIGH	Q16	22.48	22.41	22.09	22.09	22.26	23.80
	50	LOW	Q16	21.07	20.99	20.98	20.82	20.96	22.80
		MID	Q16	21.01	20.88	20.95	20.72	20.88	22.80
		HIGH	Q16	21.00	20.95	20.97	20.80	20.91	22.80
	100	LOW	Q16	20.95	20.83	20.98	20.87	20.95	22.80
20	1	LOW	64QAM	21.42	21.41	21.31	21.39	21.41	22.80
		MID	64QAM	21.59	21.41	20.92	21.19	21.28	22.80
		HIGH	64QAM	21.57	21.51	20.91	21.12	21.17	22.80
	50	LOW	64QAM	20.01	19.82	20.26	19.92	20.10	21.80
		MID	64QAM	20.04	19.87	19.89	19.85	19.97	21.80
		HIGH	64QAM	19.99	19.98	19.84	19.77	19.77	21.80
	100	LOW	64QAM	19.89	19.85	20.15	20.03	20.03	21.80

LTE B41-LEVEL 5&6-Ant.4									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.99	20.84	21.17	21.03	21.06	22.30
		MID	QPSK	21.19	21.02	21.35	21.11	21.12	22.30
		HIGH	QPSK	21.14	21.07	21.42	20.82	20.96	22.30
	12	LOW	QPSK	21.15	21.03	21.06	21.18	21.19	22.30
		MID	QPSK	21.05	20.86	21.26	20.96	21.03	22.30
		HIGH	QPSK	21.13	20.95	21.12	20.92	21.07	22.30
	25	LOW	QPSK	21.08	20.93	21.24	21.41	21.44	22.30
5	1	LOW	Q16	21.07	20.89	21.21	20.83	20.90	22.30
		MID	Q16	21.19	21.14	21.38	21.00	21.10	22.30
		HIGH	Q16	21.09	20.93	21.54	20.91	21.00	22.30
	12	LOW	Q16	21.27	21.12	21.22	20.81	20.99	22.30
		MID	Q16	21.08	20.90	21.44	21.03	21.03	22.30
		HIGH	Q16	21.07	20.91	21.34	21.04	21.21	22.30
	25	LOW	Q16	21.20	21.17	21.27	20.93	21.06	22.30
5	1	LOW	64QAM	21.22	21.09	21.28	20.83	20.91	22.30
		MID	64QAM	21.05	21.04	21.14	20.77	20.88	22.30
		HIGH	64QAM	21.15	21.11	21.34	20.91	21.01	22.30
	12	LOW	64QAM	20.67	20.50	20.87	20.70	20.73	21.80
		MID	64QAM	20.97	20.81	20.87	20.66	20.77	21.80
		HIGH	64QAM	20.77	20.72	20.72	20.57	20.74	21.80
	25	LOW	64QAM	20.77	20.75	20.85	20.70	20.79	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	21.13	21.08	21.27	20.79	20.94	22.30
		MID	QPSK	21.13	20.99	21.29	21.21	21.24	22.30
		HIGH	QPSK	21.23	21.09	21.35	20.78	20.86	22.30
	25	LOW	QPSK	21.27	21.16	21.25	21.16	21.29	22.30
		MID	QPSK	21.25	21.11	21.32	21.16	21.31	22.30
		HIGH	QPSK	21.02	20.87	21.15	21.01	21.10	22.30
	50	LOW	QPSK	21.10	21.01	21.11	21.37	21.42	22.30
10	1	LOW	Q16	21.07	20.94	21.19	20.92	21.10	22.30
		MID	Q16	21.08	21.06	21.36	20.99	21.17	22.30
		HIGH	Q16	21.04	20.93	21.48	21.13	21.15	22.30
	25	LOW	Q16	21.25	21.13	21.17	21.06	21.14	22.30
		MID	Q16	21.22	21.18	21.50	21.11	21.21	22.30
		HIGH	Q16	21.18	21.14	21.18	21.27	21.39	22.30
	50	LOW	Q16	21.31	21.22	21.29	20.84	21.01	22.30
10	1	LOW	64QAM	21.32	21.15	21.20	20.75	20.85	22.30
		MID	64QAM	21.04	21.04	21.24	20.88	21.04	22.30
		HIGH	64QAM	21.09	20.90	21.28	20.74	20.87	22.30
	25	LOW	64QAM	20.75	20.68	20.96	20.80	20.81	21.80
		MID	64QAM	20.82	20.74	20.99	20.35	20.51	21.80
		HIGH	64QAM	20.66	20.63	20.72	20.69	20.80	21.80
	50	LOW	64QAM	20.83	20.83	20.99	20.63	20.63	21.80

LTE B41-LEVEL 5&6-Ant.4									
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.15	21.06	21.32	20.90	21.01	22.30
		MID	QPSK	21.11	21.11	21.19	21.11	21.17	22.30
		HIGH	QPSK	21.03	20.96	21.47	21.03	21.12	22.30
	36	LOW	QPSK	21.23	21.04	21.18	21.08	21.17	22.30
		MID	QPSK	21.17	21.16	21.22	20.99	21.15	22.30
		HIGH	QPSK	21.14	21.03	21.03	21.12	21.22	22.30
	75	LOW	QPSK	21.15	21.05	21.29	21.26	21.30	22.30
15	1	LOW	Q16	21.02	20.85	21.40	20.82	20.96	22.30
		MID	Q16	21.24	21.08	21.29	20.80	20.96	22.30
		HIGH	Q16	21.05	20.88	21.43	21.18	21.20	22.30
	36	LOW	Q16	21.29	21.11	21.40	20.99	21.07	22.30
		MID	Q16	21.30	21.21	21.23	21.08	21.08	22.30
		HIGH	Q16	21.06	21.00	21.15	21.09	21.16	22.30
	75	LOW	Q16	21.13	20.99	21.20	21.02	21.08	22.30
15	1	LOW	64QAM	21.31	21.21	21.32	21.01	21.04	22.30
		MID	64QAM	20.90	20.87	21.15	20.77	20.93	22.30
		HIGH	64QAM	21.35	21.23	21.49	20.80	20.93	22.30
	36	LOW	64QAM	20.90	20.81	20.88	20.88	20.89	21.80
		MID	64QAM	20.87	20.86	20.97	20.53	20.56	21.80
		HIGH	64QAM	20.64	20.49	20.83	20.68	20.86	21.80
	75	LOW	64QAM	20.78	20.69	20.85	20.63	20.82	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.08	20.97	21.24	20.91	20.99	22.30
		MID	QPSK	21.11	21.05	21.22	21.15	21.20	22.30
		HIGH	QPSK	21.14	21.06	**21.34**	20.96	20.99	22.30
	50	LOW	QPSK	21.18	21.07	21.13	21.15	21.24	22.30
		MID	QPSK	21.18	21.16	**21.25**	21.13	21.16	22.30
		HIGH	QPSK	21.06	20.93	21.14	21.13	21.20	22.30
	100	LOW	QPSK	21.21	21.20	21.20	21.25	21.32	22.30
20	1	LOW	Q16	21.14	21.11	21.32	20.92	20.99	22.30
		MID	Q16	21.11	21.04	21.31	20.94	21.07	22.30
		HIGH	Q16	21.12	21.08	21.41	20.94	21.07	22.30
	50	LOW	Q16	21.25	21.24	21.28	21.09	21.10	22.30
		MID	Q16	21.22	21.21	21.37	21.15	21.16	22.30
		HIGH	Q16	21.15	21.02	21.26	21.11	21.25	22.30
	100	LOW	Q16	21.22	21.15	21.22	21.08	21.12	22.30
20	1	LOW	64QAM	21.28	21.28	21.33	20.83	20.90	22.30
		MID	64QAM	21.01	20.95	21.22	20.90	20.93	22.30
		HIGH	64QAM	21.20	21.16	21.40	20.87	20.96	22.30
	50	LOW	64QAM	20.75	20.74	20.98	20.69	20.75	21.80
		MID	64QAM	20.86	20.81	20.90	20.45	20.62	21.80
		HIGH	64QAM	20.68	20.59	20.79	20.70	20.71	21.80
	100	LOW	64QAM	20.82	20.80	20.94	20.55	20.71	21.80

8.4 Intra-Band Uplink CA Power

Note:
1. This devices supports intra-band uplink CA of 7C/38C/41C
2. For intra-band uplink carrier aggregation power verification and measurement is selected highest PCC and SCC bandwidth combination to do and was according to 3GPP 36.52101 sectino6.2.2A.1 and section 6.2.2A.2 test procedure.
3. For intra-band uplink CA output power was measured high / middle / low channel combination, and for SAR verification is selected highest output power combination with each exposure condition in each frequency band using the highest SAR configuration test in standalone LTE mode.

Full Power
LTE Uplink 2CA_ Band 7-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	22.26	23.20
21100	20902	20	QPSK	1	0	1	99	2	22.32	23.20
21350	21152	20	QPSK	1	0	1	99	2	22.35	23.20

Full Power
LTE Uplink 2CA_ Band 7-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	23.41	23.80
21100	20902	20	QPSK	1	0	1	99	2	23.31	23.80
21350	21152	20	QPSK	1	0	1	99	2	23.27	23.80

Level1
LTE Uplink 2CA_ Band 7-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	15.11	15.70
21100	20902	20	QPSK	1	0	1	99	2	15.16	15.70
21350	21152	20	QPSK	1	0	1	99	2	15.19	15.70

Level1
LTE Uplink 2CA_ Band 7-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	23.41	23.80
21100	20902	20	QPSK	1	0	1	99	2	23.31	23.80
21350	21152	20	QPSK	1	0	1	99	2	23.27	23.80

Level2&3
LTE Uplink 2CA_ Band 7-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	13.56	14.20
21100	20902	20	QPSK	1	0	1	99	2	13.55	14.20
21350	21152	20	QPSK	1	0	1	99	2	13.44	14.20

Level2&3
LTE Uplink 2CA_ Band 7-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	23.41	23.80
21100	20902	20	QPSK	1	0	1	99	2	23.31	23.80
21350	21152	20	QPSK	1	0	1	99	2	23.27	23.80

Level4
LTE Uplink 2CA_ Band 7-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	19.64	20.20
21100	20902	20	QPSK	1	0	1	99	2	19.75	20.20
21350	21152	20	QPSK	1	0	1	99	2	19.42	20.20

Level4
LTE Uplink 2CA_ Band 7-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	20.74	21.30
21100	20902	20	QPSK	1	0	1	99	2	21.01	21.30
21350	21152	20	QPSK	1	0	1	99	2	20.82	21.30

Level5&6
LTE Uplink 2CA_ Band 7-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	17.07	17.70
21100	20902	20	QPSK	1	0	1	99	2	17.07	17.70
21350	21152	20	QPSK	1	0	1	99	2	16.89	17.70

Level5&6
LTE Uplink 2CA_ Band 7-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
20850	21048	20	QPSK	1	99	1	0	2	19.26	19.80
21100	20902	20	QPSK	1	0	1	99	2	19.23	19.80
21350	21152	20	QPSK	1	0	1	99	2	19.08	19.80

Full Power
LTE Uplink 2CA_ Band 38-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.25	23.20
37901	38099	20	QPSK	1	99	1	0	2	22.31	23.20
37952	38150	20	QPSK	1	99	1	0	2	22.08	23.20

Full Power
LTE Uplink 2CA_ Band 38-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	23.38	23.80
37901	38099	20	QPSK	1	99	1	0	2	23.13	23.80
37952	38150	20	QPSK	1	99	1	0	2	23.28	23.80

Level1
LTE Uplink 2CA_ Band 38-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	19.41	20.20
37901	38099	20	QPSK	1	99	1	0	2	19.64	20.20
37952	38150	20	QPSK	1	99	1	0	2	19.74	20.20

Level1
LTE Uplink 2CA_ Band 38-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	23.38	23.80
37901	38099	20	QPSK	1	99	1	0	2	23.13	23.80
37952	38150	20	QPSK	1	99	1	0	2	23.28	23.80

Level2&3
LTE Uplink 2CA_ Band 38-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	18.08	18.70
37901	38099	20	QPSK	1	99	1	0	2	17.85	18.70
37952	38150	20	QPSK	1	99	1	0	2	18.06	18.70

Level2&3
LTE Uplink 2CA_ Band 38-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	23.38	23.80
37901	38099	20	QPSK	1	99	1	0	2	23.13	23.80
37952	38150	20	QPSK	1	99	1	0	2	23.28	23.80

Level4
LTE Uplink 2CA_ Band 38-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.25	23.20
37901	38099	20	QPSK	1	99	1	0	2	22.31	23.20
37952	38150	20	QPSK	1	99	1	0	2	22.08	23.20

Level4
LTE Uplink 2CA_ Band 38-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	23.38	23.80
37901	38099	20	QPSK	1	99	1	0	2	23.13	23.80
37952	38150	20	QPSK	1	99	1	0	2	23.28	23.80

Level5&6
LTE Uplink 2CA_ Band 38-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	19.81	21.20
37901	38099	20	QPSK	1	99	1	0	2	19.90	21.20
37952	38150	20	QPSK	1	99	1	0	2	19.85	21.20

Level5&6
LTE Uplink 2CA_ Band 38-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
37850	38048	20	QPSK	1	99	1	0	2	21.35	21.80
37901	38099	20	QPSK	1	99	1	0	2	21.19	21.80
37952	38150	20	QPSK	1	99	1	0	2	21.26	21.80

Full Power
LTE Uplink 2CA_ Band 41-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	23.17	23.40
40185	40383	20	QPSK	1	99	1	0	2	22.94	23.40
40620	40818	20	QPSK	1	99	1	0	2	23.06	23.40
41055	40857	20	QPSK	1	0	1	99	2	22.85	23.40
41490	41292	20	QPSK	1	0	1	99	2	23.11	23.40

Full Power
LTE Uplink 2CA_ Band 41-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.73	24.00
40185	40383	20	QPSK	1	99	1	0	2	22.35	24.00
40620	40818	20	QPSK	1	99	1	0	2	22.72	24.00
41055	40857	20	QPSK	1	0	1	99	2	22.61	24.00
41490	41292	20	QPSK	1	0	1	99	2	22.46	24.00

Level1
LTE Uplink 2CA_ Band 41-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	16.91	17.90
40185	40383	20	QPSK	1	99	1	0	2	17.21	17.90
40620	40818	20	QPSK	1	99	1	0	2	16.92	17.90
41055	40857	20	QPSK	1	0	1	99	2	16.66	17.90
41490	41292	20	QPSK	1	0	1	99	2	17.02	17.90

Level1
LTE Uplink 2CA_ Band 41-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.73	24.00
40185	40383	20	QPSK	1	99	1	0	2	22.35	24.00
40620	40818	20	QPSK	1	99	1	0	2	22.72	24.00
41055	40857	20	QPSK	1	0	1	99	2	22.61	24.00
41490	41292	20	QPSK	1	0	1	99	2	22.46	24.00

Level2&3
LTE Uplink 2CA_ Band 41-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	16.21	16.90
40185	40383	20	QPSK	1	99	1	0	2	16.41	16.90
40620	40818	20	QPSK	1	99	1	0	2	16.12	16.90
41055	40857	20	QPSK	1	0	1	99	2	16.11	16.90
41490	41292	20	QPSK	1	0	1	99	2	16.31	16.90

Level2&3
LTE Uplink 2CA_ Band 41-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.73	24.00
40185	40383	20	QPSK	1	99	1	0	2	22.35	24.00
40620	40818	20	QPSK	1	99	1	0	2	22.72	24.00
41055	40857	20	QPSK	1	0	1	99	2	22.61	24.00
41490	41292	20	QPSK	1	0	1	99	2	22.46	24.00

Level4
LTE Uplink 2CA_ Band 41-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	20.60	21.40
40185	40383	20	QPSK	1	99	1	0	2	20.48	21.40
40620	40818	20	QPSK	1	99	1	0	2	20.48	21.40
41055	40857	20	QPSK	1	0	1	99	2	20.49	21.40
41490	41292	20	QPSK	1	0	1	99	2	20.56	21.40

Level4
LTE Uplink 2CA_ Band 41-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.42	23.50
40185	40383	20	QPSK	1	99	1	0	2	22.14	23.50
40620	40818	20	QPSK	1	99	1	0	2	22.06	23.50
41055	40857	20	QPSK	1	0	1	99	2	22.04	23.50
41490	41292	20	QPSK	1	0	1	99	2	22.23	23.50

Level5&6
LTE Uplink 2CA_ Band 41-Ant.3
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	18.01	18.90
40185	40383	20	QPSK	1	99	1	0	2	17.88	18.90
40620	40818	20	QPSK	1	99	1	0	2	18.15	18.90
41055	40857	20	QPSK	1	0	1	99	2	18.01	18.90
41490	41292	20	QPSK	1	0	1	99	2	17.92	18.90

Level5&6
LTE Uplink 2CA_ Band 41-Ant.4
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
39750	39948	20	QPSK	1	99	1	0	2	20.22	21.50
40185	40383	20	QPSK	1	99	1	0	2	20.37	21.50
40620	40818	20	QPSK	1	99	1	0	2	20.46	21.50
41055	40857	20	QPSK	1	0	1	99	2	19.93	21.50
41490	41292	20	QPSK	1	0	1	99	2	20.07	21.50

8.5.1 NR Band Output Power

NR-U(FR1 Full power)(Only for DA)

Transmitter type	Frequency range	3400MHz-3600MHz	3600MHz-3800MHz	3800MHz-4000MHz	4000MHz-4200MHz	4200MHz-4400MHz	4400MHz-4600MHz
A	Maximum output power	23	23	23	23	23	23
	Tolerance	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB
Transmitter type	Frequency range	3400MHz-3600MHz	3600MHz-3800MHz	3800MHz-4000MHz	4000MHz-4200MHz	4200MHz-4400MHz	4400MHz-4600MHz
HA	Maximum output power	23	23	23	23	23	23
	Tolerance	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB
Transmitter type	Frequency range	3400MHz-3600MHz	3600MHz-3800MHz	3800MHz-4000MHz	4000MHz-4200MHz	4200MHz-4400MHz	4400MHz-4600MHz
HB	Maximum output power	23	23	23	23	23	23
	Tolerance	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB
Transmitter type	Frequency range	3400MHz-3600MHz	3600MHz-3800MHz	3800MHz-4000MHz	4000MHz-4200MHz	4200MHz-4400MHz	4400MHz-4600MHz
HC	Maximum output power	23	23	23	23	23	23
	Tolerance	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB	±2.7dB
	0dT<=ΔT<5dTdB(FR1)	22	22	22	22	22	22
	5dT<=ΔT<10dTdB(FR1)	21	21	21	21	21	21
	10dT<=ΔT<15dTdB(FR1)	20	20	20	20	20	20
	15dT<=ΔT<20dTdB(FR1)	19	19	19	19	19	19
	20dT<=ΔT<25dTdB(FR1)	18	18	18	18	18	18
	25dT<=ΔT<30dTdB(FR1)	17	17	17	17	17	17
	30dT<=ΔT<35dTdB(FR1)	16	16	16	16	16	16
	35dT<=ΔT<40dTdB(FR1)	15	15	15	15	15	15
	40dT<=ΔT<45dTdB(FR1)	14	14	14	14	14	14
	45dT<=ΔT<50dTdB(FR1)	13	13	13	13	13	13
	50dT<=ΔT<55dTdB(FR1)	12	12	12	12	12	12
	55dT<=ΔT<60dTdB(FR1)	11	11	11	11	11	11
	60dT<=ΔT<65dTdB(FR1)	10	10	10	10	10	10
	65dT<=ΔT<70dTdB(FR1)	9	9	9	9	9	9
	70dT<=ΔT<75dTdB(FR1)	8	8	8	8	8	8
	75dT<=ΔT<80dTdB(FR1)	7	7	7	7	7	7
	80dT<=ΔT<85dTdB(FR1)	6	6	6	6	6	6
	85dT<=ΔT<90dTdB(FR1)	5	5	5	5	5	5
	90dT<=ΔT<95dTdB(FR1)	4	4	4	4	4	4
	95dT<=ΔT<100dTdB(FR1)	3	3	3	3	3	3
	100dT<=ΔT<105dTdB(FR1)	2	2	2	2	2	2
	105dT<=ΔT<110dTdB(FR1)	1	1	1	1	1	1
	110dT<=ΔT<115dTdB(FR1)	0	0	0	0	0	0
	115dT<=ΔT<120dTdB(FR1)	-1	-1	-1	-1	-1	-1
	120dT<=ΔT<125dTdB(FR1)	-2	-2	-2	-2	-2	-2
	125dT<=ΔT<130dTdB(FR1)	-3	-3	-3	-3	-3	-3
	130dT<=ΔT<135dTdB(FR1)	-4	-4	-4	-4	-4	-4
	135dT<=ΔT<140dTdB(FR1)	-5	-5	-5	-5	-5	-5
	140dT<=ΔT<145dTdB(FR1)	-6	-6	-6	-6	-6	-6
	145dT<=ΔT<150dTdB(FR1)	-7	-7	-7	-7	-7	-7
	150dT<=ΔT<155dTdB(FR1)	-8	-8	-8	-8	-8	-8
	155dT<=ΔT<160dTdB(FR1)	-9	-9	-9	-9	-9	-9
	160dT<=ΔT<165dTdB(FR1)	-10	-10	-10	-10	-10	-10
	165dT<=ΔT<170dTdB(FR1)	-11	-11	-11	-11	-11	-11
	170dT<=ΔT<175dTdB(FR1)	-12	-12	-12	-12	-12	-12
	175dT<=ΔT<180dTdB(FR1)	-13	-13	-13	-13	-13	-13
	180dT<=ΔT<185dTdB(FR1)	-14	-14	-14	-14	-14	-14
	185dT<=ΔT<190dTdB(FR1)	-15	-15	-15	-15	-15	-15
	190dT<=ΔT<195dTdB(FR1)	-16	-16	-16	-16	-16	-16
	195dT<=ΔT<200dTdB(FR1)	-17	-17	-17	-17	-17	-17
	200dT<=ΔT<205dTdB(FR1)	-18	-18	-18	-18	-18	-18
	205dT<=ΔT<210dTdB(FR1)	-19	-19	-19	-19	-19	-19
	210dT<=ΔT<215dTdB(FR1)	-20	-20	-20	-20	-20	-20
	215dT<=ΔT<220dTdB(FR1)	-21	-21	-21	-21	-21	-21
	220dT<=ΔT<225dTdB(FR1)	-22	-22	-22	-22	-22	-22
	225dT<=ΔT<230dTdB(FR1)	-23	-23	-23	-23	-23	-23
	230dT<=ΔT<235dTdB(FR1)	-24	-24	-24	-24	-24	-24
	235dT<=ΔT<240dTdB(FR1)	-25	-25	-25	-25	-25	-25
	240dT<=ΔT<245dTdB(FR1)	-26	-26	-26	-26	-26	-26
	245dT<=ΔT<250dTdB(FR1)	-27	-27	-27	-27	-27	-27
	250dT<=ΔT<255dTdB(FR1)	-28	-28	-28	-28	-28	-28
	255dT<=ΔT<260dTdB(FR1)	-29	-29	-29	-29	-29	-29
	260dT<=ΔT<265dTdB(FR1)	-30	-30	-30	-30	-30	-30

NB-ANTS Full power (Only for ENDC)

Transmitter name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
2	NR n41(2496-2690)	2496	2593	2690	2496	2690
Transmitter name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
2b	NR n41(2496-2690)	2496	2593	2690	2496	2690
Transmitter name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
2c	NR n41(2496-2690)	2496	2593	2690	2496	2690
Transmitter name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
2d	NR n41(2496-2690)	2496	2593	2690	2496	2690
Transmitter name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
2e	NR n41(2496-2690)	2496	2593	2690	2496	2690
Transmitter name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
2f	NR n41(2496-2690)	2496	2593	2690	2496	2690
2h	LTE n1(1920-1980)	1920	1950	1980	1920	1980
	LTE n3(1710-1785)	1710	1747.5	1785	1710	1785
	LTE n7(2500-2570)	2500	2535	2570	2500	2570
	LTE n8(880-915)	880	897.5	915	880	915
	LTE n20(832-862)	832	847	862	832	862
	LTE n28(703-748)	703	725.5	748	703	748
	LTE n38(2570-2620)	2570	2595	2620	2570	2620
	LTE n40(2300-2400)	2300	2350	2400	2300	2400
	LTE n41(2496-2690)	2496	2593	2690	2496	2690
	NR n1(1920-1980)	1920	1950	1980	1920	1980
	NR n3(1710-1785)	1710	1747.5	1785	1710	1785
	NR n7(2500-2570)	2500	2535	2570	2500	2570
	NR n8(880-915)	880	897.5	915	880	915
	NR n20(832-862)	832	847	862	832	862
	NR n28(703-748)	703	725.5	748	703	748
	NR n38(2570-2620)	2570	2595	2620	2570	2620
	NR n40(2300-2400)	2300	2350	2400	2300	2400
	NR n41(2496-2690)	2496	2593	2690	2496	2690

NS-ANTS LEVEL1 (Only for SA)

Transceiver port	Transceiver	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
A	Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transceiver port	Transceiver	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B	Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transceiver port	Transceiver	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C	Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transceiver port	Transceiver	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D	Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transceiver port	Transceiver	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GS	GS1 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS2 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS3 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS4 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS5 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS6 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS7 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS8 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS9 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS10 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS11 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS12 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS13 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS14 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS15 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	GS16 Antenna port	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NB-IoNTS LEVEL7 (Only for BWDC)

Transmitter name	Test Frequency	1710.7MHz	1732.5MHz	1754.3MHz	1710.7MHz	1754.3MHz
4	Modulation	QPSK	QPSK	QPSK	16QAM	16QAM
Transmitter name	Test Frequency	1711.5MHz	1732.5MHz	1753.5MHz	1711.5MHz	1753.5MHz
25	Modulation	QPSK	QPSK	QPSK	16QAM	16QAM
Transmitter name	Test Frequency	1714.9MHz	1732.5MHz	1750.1MHz	1714.9MHz	1750.1MHz
75	Modulation	QPSK	QPSK	QPSK	16QAM	16QAM
Transmitter name	Test Frequency	1717.5MHz	1732.5MHz	1747.5MHz	1717.5MHz	1747.5MHz
100	Modulation	QPSK	QPSK	QPSK	16QAM	16QAM
100	1.4MHz uplink RB1#0	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	3MHz uplink RB1#0	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	5MHz uplink RB1#0	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	10MHz uplink RB1#0	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	15MHz uplink RB1#0	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	20MHz uplink RB1#0	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	1.4MHz uplink RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	3MHz uplink RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	5MHz uplink RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	10MHz uplink RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	15MHz uplink RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	20MHz uplink RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	1.4MHz uplink RB1#0+RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	3MHz uplink RB1#0+RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	5MHz uplink RB1#0+RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	10MHz uplink RB1#0+RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	15MHz uplink RB1#0+RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
	20MHz uplink RB1#0+RB1#5	0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00

NS-ANTE 1.8VEL2.8.3(Only for 3IA)

Transmitter (dBi)	Horizontal	1.8	1.8	1.8	1.8	1.8	1.8
4	Vertical	2.8	2.8	2.8	2.8	2.8	2.8
Transmitter (dBm)	Horizontal	27.00	27.00	27.00	27.00	27.00	27.00
	Vertical	27.00	27.00	27.00	27.00	27.00	27.00
4G	Horizontal	1.8	1.8	1.8	1.8	1.8	1.8
	Vertical	2.8	2.8	2.8	2.8	2.8	2.8
Transmitter (dBm)	Horizontal	27.00	27.00	27.00	27.00	27.00	27.00
	Vertical	27.00	27.00	27.00	27.00	27.00	27.00
Transmitter (dBi)	Horizontal	1.8	1.8	1.8	1.8	1.8	1.8
	Vertical	2.8	2.8	2.8	2.8	2.8	2.8
Transmitter (dBm)	Horizontal	27.00	27.00	27.00	27.00	27.00	27.00
	Vertical	27.00	27.00	27.00	27.00	27.00	27.00
5G	3.4G-3.4.5GHz (MHz)	3400	3400.1	3400.2	3400.3	3400.4	3400.5
		3400.6	3400.7	3400.8	3400.9	3401	3401.1
	3.4.5G-3.5GHz (MHz)	3401.2	3401.3	3401.4	3401.5	3401.6	3401.7
		3401.8	3401.9	3402	3402.1	3402.2	3402.3
	3.5G-3.6.5GHz (MHz)	3402.4	3402.5	3402.6	3402.7	3402.8	3402.9
		3403	3403.1	3403.2	3403.3	3403.4	3403.5
	3.6.5G-3.7GHz (MHz)	3403.6	3403.7	3403.8	3403.9	3404	3404.1
		3404.2	3404.3	3404.4	3404.5	3404.6	3404.7
	3.7G-3.8.5GHz (MHz)	3404.8	3404.9	3405	3405.1	3405.2	3405.3
		3405.4	3405.5	3405.6	3405.7	3405.8	3405.9
	3.8.5G-3.9GHz (MHz)	3406	3406.1	3406.2	3406.3	3406.4	3406.5
		3406.6	3406.7	3406.8	3406.9	3407	3407.1
	3.9G-4.0GHz (MHz)	3407.2	3407.3	3407.4	3407.5	3407.6	3407.7
		3407.8	3407.9	3408	3408.1	3408.2	3408.3
	4.0G-4.1.5GHz (MHz)	3408.4	3408.5	3408.6	3408.7	3408.8	3408.9
		3409	3409.1	3409.2	3409.3	3409.4	3409.5
	4.1.5G-4.2GHz (MHz)	3409.6	3409.7	3409.8	3409.9	3410	3410.1
		3410.2	3410.3	3410.4	3410.5	3410.6	3410.7
	4.2G-4.3.5GHz (MHz)	3410.8	3410.9	3411	3411.1	3411.2	3411.3
		3411.4	3411.5	3411.6	3411.7	3411.8	3411.9
	4.3.5G-4.4GHz (MHz)	3412	3412.1	3412.2	3412.3	3412.4	3412.5
		3412.6	3412.7	3412.8	3412.9	3413	3413.1
	4.4G-4.5.5GHz (MHz)	3413.2	3413.3	3413.4	3413.5	3413.6	3413.7
		3413.8	3413.9	3414	3414.1	3414.2	3414.3
	4.5.5G-4.6GHz (MHz)	3414.4	3414.5	3414.6	3414.7	3414.8	3414.9
		3415	3415.1	3415.2	3415.3	3415.4	3415.5
	4.6G-4.7GHz (MHz)	3415.6	3415.7	3415.8	3415.9	3416	3416.1
		3416.2	3416.3	3416.4	3416.5	3416.6	3416.7

NS-AN78 LEVEL2&3(Only for BNDC)

Transceiver name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
Tx	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
Transceiver name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
Tx	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
Transceiver name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
Tx	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
Transceiver name	Tx1	Tx2	Tx3	Tx4	Tx5	Tx6
Rx	Rx1	Rx2	Rx3	Rx4	Rx5	Rx6
Rx	LNT1 on/off(Rx1 OFDM)	Rx1	Rx2	Rx3	Rx4	Rx5
	LNT2 on/off(Rx2 OFDM)	Rx2	Rx1	Rx3	Rx4	Rx5
	LNT3 on/off(Rx3 OFDM)	Rx3	Rx1	Rx2	Rx4	Rx5
	LNT4 on/off(Rx4 OFDM)	Rx4	Rx1	Rx2	Rx3	Rx5
	LNT5 on/off(Rx5 OFDM)	Rx5	Rx1	Rx2	Rx3	Rx4
	LNT6 on/off(Rx6 OFDM)	Rx6	Rx1	Rx2	Rx3	Rx4
	Rx1 on/off(Rx1 OFDM)	Rx1	Rx2	Rx3	Rx4	Rx5
	Rx2 on/off(Rx2 OFDM)	Rx2	Rx1	Rx3	Rx4	Rx5
	Rx3 on/off(Rx3 OFDM)	Rx3	Rx1	Rx2	Rx4	Rx5
	Rx4 on/off(Rx4 OFDM)	Rx4	Rx1	Rx2	Rx3	Rx5
	Rx5 on/off(Rx5 OFDM)	Rx5	Rx1	Rx2	Rx3	Rx4
	Rx6 on/off(Rx6 OFDM)	Rx6	Rx1	Rx2	Rx3	Rx4

NB-AIOT5 LEVEL4(Only for SA)

Transmitter EIRP	TRP(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
A	TRP(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transmitter EIRP	TRS(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B	TRS(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transmitter EIRP	TRP(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C	TRP(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transmitter EIRP	TRS(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D	TRS(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transmitter EIRP	TRP(dBm)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	0dT+1.x+0dB(0.5MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(1.4MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(3MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(5MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(10MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(15MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(20MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(0.5MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(1.4MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(3MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(5MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(10MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(15MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(20MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(0.5MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(1.4MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(3MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(5MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(10MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(15MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	0dT+1.x+0dB(20MHz)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NB-IoT/LTE LEVEL4(Only for BWDC)

Transmitter power	Total Power	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB
3	Max power per subcarrier	12 dBm	12 dBm	12 dBm	12 dBm	12 dBm
Transmitter power	Total Power	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB
4b	Max power per subcarrier	12 dBm	12 dBm	12 dBm	12 dBm	12 dBm
Transmitter power	Total Power	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB
5b	Max power per subcarrier	12 dBm	12 dBm	12 dBm	12 dBm	12 dBm
Transmitter power	Total Power	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB
6b	Max power per subcarrier	12 dBm	12 dBm	12 dBm	12 dBm	12 dBm
Transmitter power	Total Power	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB	23 dBm ±2.7dB
8b	Max power per subcarrier	12 dBm	12 dBm	12 dBm	12 dBm	12 dBm
9b	QPSK	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	16QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	64QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	256QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	1024QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	QPSK	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	16QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	64QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	256QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	1024QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	QPSK	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	16QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	64QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	256QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	1024QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	QPSK	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	16QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	64QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	256QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	1024QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	QPSK	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	16QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	64QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	256QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm
	1024QAM	0 dBm	0 dBm	0 dBm	0 dBm	0 dBm

NS-ANTE LEVELS&B(Only for DA)

Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
A	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
B	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
C	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
D	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
E	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
F	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
G	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
H	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
I	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
J	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
K	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
L	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
M	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
N	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
O	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
P	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
Q	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
R	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
S	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
T	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
U	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
V	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
W	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
X	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Transmitter (dBm)	Minimum	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00
Y	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000
Receiver (dBm)	Minimum	-90.00	-90.00	-90.00	-90.00	-90.00	-90.00
Z	Nominal	0.0	0.0	0.0000	0.0000	0.0000	0.0000

N5-ANT0 LEVEL5&6(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	17.08	17.07	17.27	18.20

Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	16.98	17.20	16.97	18.20

Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	16.92	17.11	17.23	18.20

Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	17.30	17.34	17.30	18.20
		1	53	17.30	17.34	17.15	18.20
		1	104	17.32	17.33	**17.35**	18.20
	DFT-s-OFDM BPSK	50	0	17.12	17.20	17.15	18.20
		50	28	17.08	17.06	17.29	18.20
		50	56	17.28	17.17	**17.32**	18.20
	DFT-s-OFDM BPSK	100	0	17.27	17.30	17.29	18.20
	DFT-s-OFDM QPSK	1	1	17.06	17.32	17.29	18.20
		1	53	17.29	17.23	17.12	18.20
		1	104	17.17	17.24	17.06	18.20
	DFT-s-OFDM QPSK	50	0	17.11	17.07	17.31	18.20
		50	28	17.27	17.28	17.14	18.20
		50	56	17.06	17.33	17.06	18.20
	DFT-s-OFDM QPSK	100	0	17.16	17.14	17.06	18.20
	DFT-s-OFDM 16QAM	1	1	17.19	17.33	17.15	18.20
	DFT-s-OFDM 64QAM	1	1	17.07	17.07	17.10	18.20
	DFT-s-OFDM 256QAM	1	1	17.27	17.30	17.28	18.20
	CP-OFDM QPSK	1	1	17.17	17.31	17.14	18.20
	CP-OFDM 16QAM	1	1	17.25	17.30	17.21	18.20
	CP-OFDM 64QAM	1	1	17.08	17.34	17.22	18.20
	CP-OFDM 256QAM	1	1	16.44	16.34	16.45	18.20

NS-JUNT1 Full power:4L/5V5L/1&2&3&4L/Only for 5AL

Sensitivity (mV)	Sensitivity	0.1mV/V	0.2mV/V	0.5mV/V	1mV/V	2mV/V	3mV/V
ω	Sensitivity error (%FS)	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%
Sensitivity (mV)	Sensitivity	0.1mV/V	0.2mV/V	0.5mV/V	1mV/V	2mV/V	3mV/V
ω	Sensitivity error (%FS)	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%
Sensitivity (mV)	Sensitivity	0.1mV/V	0.2mV/V	0.5mV/V	1mV/V	2mV/V	3mV/V
ω	Sensitivity error (%FS)	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%
Sensitivity (mV)	Sensitivity	0.1mV/V	0.2mV/V	0.5mV/V	1mV/V	2mV/V	3mV/V
ω	Sensitivity error (%FS)	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%	±0.05%
ω	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω
	Ω	350Ω	350Ω	350Ω	350Ω	350Ω	350Ω

NB-ANT1 Pull power/BL0191/1.62/3.56/(Only for5RBC)

Electrostatic (kV)	Air discharge	±15	±15	±15	±15	±15
	Contact discharge	±8	±8	±8	±8	±8
Electromagnetic (V/m)	80-1000MHz	10	10	10	10	10
	1.4-2.0GHz	3	3	3	3	3
	2.0-2.7GHz	1	1	1	1	1
Electromagnetic (mA)	150kHz-80MHz	10	10	10	10	10
Power frequency magnetic field (A/m)	50/60Hz	30	30	30	30	30
Electromagnetic (mT)	50/60Hz	30	30	30	30	30
Electromagnetic (mV)	150kHz-80MHz	10	10	10	10	10
Conducted (V)	0.15-0.5MHz	3	3	3	3	3
	0.5-1.4MHz	3	3	3	3	3
	1.4-2.0MHz	3	3	3	3	3
	2.0-2.7MHz	3	3	3	3	3
	2.7-3.0MHz	3	3	3	3	3
	3.0-4.0MHz	3	3	3	3	3
	4.0-5.0MHz	3	3	3	3	3
	5.0-6.0MHz	3	3	3	3	3
	6.0-7.0MHz	3	3	3	3	3
	7.0-8.0MHz	3	3	3	3	3
	8.0-9.0MHz	3	3	3	3	3
	9.0-10.0MHz	3	3	3	3	3
	10.0-11.0MHz	3	3	3	3	3
	11.0-12.0MHz	3	3	3	3	3
	12.0-13.0MHz	3	3	3	3	3
	13.0-14.0MHz	3	3	3	3	3
	14.0-15.0MHz	3	3	3	3	3
	15.0-16.0MHz	3	3	3	3	3
	16.0-17.0MHz	3	3	3	3	3
	17.0-18.0MHz	3	3	3	3	3
	18.0-19.0MHz	3	3	3	3	3
	19.0-20.0MHz	3	3	3	3	3

NS-ANT1 LEVELS&E(Only for EA)

Transmitter Level	Max Power	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
ie	Max Power EIRP(dBm)	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
Transmitter Level	Max Power	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
ie	Max Power EIRP(dBm)	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
Transmitter Level	Max Power	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
ie	Max Power EIRP(dBm)	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
Transmitter Level	Max Power	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
ie	Max Power EIRP(dBm)	23.00dBm	23.00dBm	23.00dBm	23.00dBm	23.00dBm	Pass
dB	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass
	2402	2402	2402	2402	2402	2402	Pass

NB-IoT1 LEVEL8&9(Only for ENCC)

Downlink MPL	Downlink	1	1	1	1	1
	MPL(dBm)	-114.5	-114.5	-114.5	-114.5	-114.5
Uplink MPL	Uplink	1	1	1	1	1
	MPL(dBm)	-114.5	-114.5	-114.5	-114.5	-114.5
MCL	MCL(dB)	164.5	164.5	164.5	164.5	164.5
Downlink MPL	Downlink	1	1	1	1	1
	MPL(dBm)	-114.5	-114.5	-114.5	-114.5	-114.5
Uplink MPL	Uplink	1	1	1	1	1
	MPL(dBm)	-114.5	-114.5	-114.5	-114.5	-114.5
MCL	MCL(dB)	164.5	164.5	164.5	164.5	164.5
MI	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0
	EST_LATERALDETA	1	1	1	1	1
		0.0	0.0	0.0	0.0	0.0

8.5.2 NR Band7 Output Power

N7-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up
		RB Size	RB offest	2502.5	2535	2567.5	power(dB
5	DFT-s-OFDM BPSK	1	1	22.09	22.05	22.26	23.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up
		RB Size	RB offest	2505	2535	2565	power(dB
10	DFT-s-OFDM BPSK	1	1	22.16	22.01	22.31	23.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up
		RB Size	RB offest	2507.5	2535	2562.5	power(dB
15	DFT-s-OFDM BPSK	1	1	22.35	21.95	22.29	23.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up
		RB Size	RB offest	2510	2535	2560	power(dB
20	DFT-s-OFDM BPSK	1	1	22.27	21.97	22.26	23.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up
		RB Size	RB offest	2512.5	2535	2557.5	power(dB
25	DFT-s-OFDM BPSK	1	1	22.14	22.17	22.29	22.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up
		RB Size	RB offest	2515	2535	2555	power(dB
30	DFT-s-OFDM BPSK	1	1	22.35	22.23	22.32	23.60
		1	80	22.46	22.43	22.52	23.60
		1	158	**22.64**	22.53	22.60	23.60
	DFT-s-OFDM BPSK	80	0	22.03	21.90	21.74	23.60
		80	40	22.48	22.49	**22.63**	23.60
		80	80	22.22	22.06	22.24	23.60
	DFT-s-OFDM BPSK	160	0	21.92	22.00	22.03	22.60
	DFT-s-OFDM QPSK	1	1	22.36	22.32	22.16	23.60
		1	80	22.27	22.60	22.51	23.60
		1	158	22.64	22.49	22.55	23.60
	DFT-s-OFDM QPSK	80	0	21.89	21.87	21.79	23.60
		80	40	22.45	22.46	22.68	23.60
		80	80	22.23	22.23	22.39	23.60
	DFT-s-OFDM QPSK	160	0	21.88	21.84	21.91	22.60
	DFT-s-OFDM 16QAM	1	1	21.19	21.08	21.21	22.60
	DFT-s-OFDM 64QAM	1	1	19.70	19.60	19.52	21.10
	DFT-s-OFDM 256QAM	1	1	18.71	18.64	18.53	19.10
	CP-OFDM QPSK	1	1	21.04	20.84	20.84	22.10
	CP-OFDM 16QAM	1	1	20.72	20.62	20.70	21.60
	CP-OFDM 64QAM	1	1	19.03	18.87	18.94	20.10
	CP-OFDM 256QAM	1	1	15.83	16.00	16.01	17.10

N7-ANT3 LEVEL1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	14.84	15.09	14.85	16.10
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	14.59	14.73	14.83	16.10
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	14.70	15.03	15.14	16.10
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	14.99	14.80	14.91	16.10
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	15.21	14.98	15.07	16.10
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	15.10	**15.16**	15.11	16.10
		1	80	15.03	15.06	15.05	16.10
		1	158	15.04	15.11	15.04	16.10
	DFT-s-OFDM BPSK	80	0	15.21	**15.31**	15.30	16.10
		80	40	15.20	15.11	15.22	16.10
		80	80	15.12	15.22	15.24	16.10
	DFT-s-OFDM BPSK	160	0	15.04	15.22	15.21	16.10
	DFT-s-OFDM QPSK	1	1	14.95	15.12	15.15	16.10
		1	80	14.90	14.94	15.19	16.10
		1	158	15.11	15.09	15.01	16.10
	DFT-s-OFDM QPSK	80	0	15.11	15.13	15.17	16.10
		80	40	15.32	15.10	15.42	16.10
		80	80	15.28	15.02	15.16	16.10
	DFT-s-OFDM QPSK	160	0	15.15	15.21	15.36	16.10
	DFT-s-OFDM 16QAM	1	1	14.94	14.85	14.99	16.10
	DFT-s-OFDM 64QAM	1	1	14.89	14.92	15.01	16.10
	DFT-s-OFDM 256QAM	1	1	15.26	15.46	15.37	16.10
	CP-OFDM QPSK	1	1	15.10	15.12	14.95	16.10
	CP-OFDM 16QAM	1	1	15.27	15.45	15.47	16.10
	CP-OFDM 64QAM	1	1	15.34	15.16	15.23	16.10
	CP-OFDM 256QAM	1	1	14.95	14.88	14.75	16.10

N7-ANT3 LEVEL2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up
		RB Size	RB offest	2502.5	2535	2567.5	power(dB
5	DFT-s-OFDM BPSK	1	1	14.52	14.54	14.49	15.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up
		RB Size	RB offest	2505	2535	2565	power(dB
10	DFT-s-OFDM BPSK	1	1	14.44	14.54	14.37	15.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up
		RB Size	RB offest	2507.5	2535	2562.5	power(dB
15	DFT-s-OFDM BPSK	1	1	14.56	14.61	14.44	15.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up
		RB Size	RB offest	2510	2535	2560	power(dB
20	DFT-s-OFDM BPSK	1	1	14.48	14.46	14.42	15.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up
		RB Size	RB offest	2512.5	2535	2557.5	power(dB
25	DFT-s-OFDM BPSK	1	1	14.34	14.63	14.31	15.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up
		RB Size	RB offest	2515	2535	2555	power(dB
30	DFT-s-OFDM BPSK	1	1	14.69	**14.69**	14.64	15.60
		1	80	14.61	14.65	14.68	15.60
		1	158	14.67	14.66	14.63	15.60
	DFT-s-OFDM BPSK	80	0	14.53	**14.91**	14.60	15.60
		80	40	14.71	14.58	14.45	15.60
		80	80	14.65	14.88	14.62	15.60
	DFT-s-OFDM BPSK	160	0	14.56	14.71	14.55	15.60
	DFT-s-OFDM QPSK	1	1	14.65	14.62	14.55	15.60
		1	80	14.46	14.57	14.69	15.60
		1	158	14.46	14.55	14.55	15.60
	DFT-s-OFDM QPSK	80	0	14.58	14.72	14.73	15.60
		80	40	14.69	14.59	14.57	15.60
		80	80	15.03	14.81	14.83	15.60
	DFT-s-OFDM QPSK	160	0	14.36	14.77	14.51	15.60
	DFT-s-OFDM 16QAM	1	1	14.55	14.38	14.28	15.60
	DFT-s-OFDM 64QAM	1	1	14.45	14.40	14.48	15.60
	DFT-s-OFDM 256QAM	1	1	15.16	14.98	15.01	15.60
	CP-OFDM QPSK	1	1	14.67	14.67	14.82	15.60
	CP-OFDM 16QAM	1	1	14.78	14.93	14.94	15.60
	CP-OFDM 64QAM	1	1	14.61	14.67	14.62	15.60
	CP-OFDM 256QAM	1	1	14.45	14.43	14.53	15.60

N7-ANT3 LEVEL4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	19.07	19.16	19.17	20.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	19.15	19.63	19.27	20.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	19.02	19.47	19.29	20.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.81	19.12	19.26	20.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	19.08	19.36	19.36	20.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	19.31	**19.35**	19.33	20.60
		1	80	19.27	19.31	19.32	20.60
		1	158	19.27	19.32	19.32	20.60
	DFT-s-OFDM BPSK	80	0	19.33	**19.48**	19.38	20.60
		80	40	19.41	19.35	19.32	20.60
		80	80	19.29	19.41	19.36	20.60
	DFT-s-OFDM BPSK	160	0	19.65	19.48	19.49	20.60
	DFT-s-OFDM QPSK	1	1	19.22	19.46	19.45	20.60
		1	80	19.14	19.34	19.39	20.60
		1	158	19.41	19.47	19.29	20.60
	DFT-s-OFDM QPSK	80	0	19.16	19.31	19.22	20.60
		80	40	19.40	19.30	19.48	20.60
		80	80	19.39	19.22	19.21	20.60
	DFT-s-OFDM QPSK	160	0	19.41	19.46	19.33	20.60
	DFT-s-OFDM 16QAM	1	1	19.18	19.16	19.01	20.60
	DFT-s-OFDM 64QAM	1	1	19.33	19.23	19.34	20.60
	DFT-s-OFDM 256QAM	1	1	17.62	17.78	17.74	19.10
	CP-OFDM QPSK	1	1	19.61	19.48	19.56	20.60
	CP-OFDM 16QAM	1	1	19.95	19.76	19.67	20.60
	CP-OFDM 64QAM	1	1	18.37	18.50	18.58	20.10
	CP-OFDM 256QAM	1	1	15.37	15.48	15.40	17.10

N7-ANT3 LEVEL5&6(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up
		RB Size	RB offest	2502.5	2535	2567.5	power(dB
5	DFT-s-OFDM BPSK	1	1	17.11	17.25	17.26	18.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up
		RB Size	RB offest	2505	2535	2565	power(dB
10	DFT-s-OFDM BPSK	1	1	16.99	17.00	16.97	18.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up
		RB Size	RB offest	2507.5	2535	2562.5	power(dB
15	DFT-s-OFDM BPSK	1	1	17.07	17.06	17.09	18.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up
		RB Size	RB offest	2510	2535	2560	power(dB
20	DFT-s-OFDM BPSK	1	1	17.17	17.24	17.31	18.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up
		RB Size	RB offest	2512.5	2535	2557.5	power(dB
25	DFT-s-OFDM BPSK	1	1	17.02	17.31	17.24	18.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up
		RB Size	RB offest	2515	2535	2555	power(dB
30	DFT-s-OFDM BPSK	1	1	17.21	**17.34**	17.26	18.60
		1	80	17.32	17.22	17.27	18.60
		1	158	17.33	17.23	17.26	18.60
	DFT-s-OFDM BPSK	80	0	17.15	**17.37**	17.27	18.60
		80	40	17.20	17.18	17.04	18.60
		80	80	17.28	17.26	17.27	18.60
	DFT-s-OFDM BPSK	160	0	17.14	17.34	17.36	18.60
	DFT-s-OFDM QPSK	1	1	17.17	17.36	17.15	18.60
		1	80	17.40	17.12	17.16	18.60
		1	158	17.37	17.26	17.34	18.60
	DFT-s-OFDM QPSK	80	0	17.31	17.17	17.52	18.60
		80	40	17.19	17.18	17.09	18.60
		80	80	17.16	17.15	17.37	18.60
	DFT-s-OFDM QPSK	160	0	17.12	17.42	17.44	18.60
	DFT-s-OFDM 16QAM	1	1	17.36	17.16	17.10	18.60
	DFT-s-OFDM 64QAM	1	1	17.33	17.19	17.21	18.60
	DFT-s-OFDM 256QAM	1	1	17.29	17.23	17.10	18.60
	CP-OFDM QPSK	1	1	17.46	17.36	17.51	18.60
	CP-OFDM 16QAM	1	1	17.14	17.33	17.50	18.60
	CP-OFDM 64QAM	1	1	17.37	17.44	17.31	18.60
	CP-OFDM 256QAM	1	1	15.22	15.21	15.34	17.10

N7-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	23.21	22.88	22.96	24.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	23.15	23.10	23.04	24.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	23.05	22.88	22.94	24.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	23.08	22.93	22.96	24.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	23.09	22.93	23.16	23.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**23.22**	23.16	23.17	24.20
		1	80	23.18	23.16	23.16	24.20
		1	158	23.21	23.20	23.21	24.20
	DFT-s-OFDM BPSK	80	0	**23.33**	23.04	22.87	24.20
		80	40	23.06	23.30	23.32	24.20
		80	80	22.80	22.83	22.81	24.20
	DFT-s-OFDM BPSK	160	0	22.96	23.08	22.97	23.20
	DFT-s-OFDM QPSK	1	1	23.07	23.17	23.17	24.20
		1	80	23.04	23.00	23.12	24.20
		1	158	23.26	23.04	23.38	24.20
	DFT-s-OFDM QPSK	80	0	22.90	22.92	22.87	24.20
		80	40	23.22	23.23	23.22	24.20
		80	80	23.02	22.94	23.00	24.20
	DFT-s-OFDM QPSK	160	0	23.01	22.80	23.09	23.20
	DFT-s-OFDM 16QAM	1	1	22.41	22.28	22.37	23.20
	DFT-s-OFDM 64QAM	1	1	20.73	20.70	20.69	21.70
	DFT-s-OFDM 256QAM	1	1	19.94	19.88	19.82	19.70
	CP-OFDM QPSK	1	1	21.89	22.00	21.88	22.70
	CP-OFDM 16QAM	1	1	22.00	21.89	21.81	22.20
	CP-OFDM 64QAM	1	1	20.02	20.06	20.20	20.70
	CP-OFDM 256QAM	1	1	17.12	17.28	17.40	17.70

N7-ANT4 LEVEL1&2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	23.21	22.88	22.96	24.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	23.15	23.10	23.04	24.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	23.05	22.88	22.94	24.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	23.08	22.93	22.96	24.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	23.09	22.93	23.16	24.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**23.22**	23.16	23.17	24.20
		1	80	23.18	23.16	23.16	24.20
		1	158	23.21	23.20	23.21	24.20
	DFT-s-OFDM BPSK	80	0	**23.33**	23.04	22.87	24.20
		80	40	23.06	23.30	23.32	24.20
		80	80	22.80	22.83	22.81	24.20
	DFT-s-OFDM BPSK	160	0	22.96	23.08	22.97	24.20
	DFT-s-OFDM QPSK	1	1	23.07	23.17	23.17	24.20
		1	80	23.04	23.00	23.12	24.20
		1	158	23.26	23.04	23.38	24.20
	DFT-s-OFDM QPSK	80	0	22.90	22.92	22.87	24.20
		80	40	23.22	23.23	23.22	24.20
		80	80	23.02	22.94	23.00	24.20
	DFT-s-OFDM QPSK	160	0	23.01	22.80	23.09	24.20
	DFT-s-OFDM 16QAM	1	1	22.41	22.28	22.37	24.20
	DFT-s-OFDM 64QAM	1	1	20.73	20.70	20.69	24.20
	DFT-s-OFDM 256QAM	1	1	19.94	19.88	19.82	24.20
	CP-OFDM QPSK	1	1	21.89	22.00	21.88	24.20
	CP-OFDM 16QAM	1	1	22.00	21.89	21.81	24.20
	CP-OFDM 64QAM	1	1	20.02	20.06	20.20	24.20
	CP-OFDM 256QAM	1	1	17.12	17.28	17.40	24.20

N7-ANT4 LEVEL4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	21.10	21.03	21.03	22.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	21.13	21.22	21.29	22.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	21.19	21.00	21.23	22.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.03	21.21	20.99	22.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	21.53	21.29	21.31	22.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**21.29**	21.28	21.22	22.20
		1	80	21.15	21.29	21.23	22.20
		1	158	21.20	21.27	21.27	22.20
	DFT-s-OFDM BPSK	80	0	21.33	21.32	**21.43**	22.20
		80	40	21.17	21.25	21.22	22.20
		80	80	21.12	21.22	21.29	22.20
	DFT-s-OFDM BPSK	160	0	21.42	21.32	21.44	22.20
	DFT-s-OFDM QPSK	1	1	21.25	21.24	21.27	22.20
		1	80	21.33	21.49	21.26	22.20
		1	158	21.00	21.31	21.18	22.20
	DFT-s-OFDM QPSK	80	0	21.41	21.37	21.34	22.20
		80	40	21.29	21.23	21.12	22.20
		80	80	20.93	21.19	21.43	22.20
	DFT-s-OFDM QPSK	160	0	21.62	21.22	21.24	22.20
	DFT-s-OFDM 16QAM	1	1	21.13	20.98	20.95	22.20
	DFT-s-OFDM 64QAM	1	1	20.19	20.06	20.10	21.70
	DFT-s-OFDM 256QAM	1	1	19.08	19.00	18.95	19.70
	CP-OFDM QPSK	1	1	21.49	21.35	21.18	22.20
	CP-OFDM 16QAM	1	1	20.97	21.10	21.09	22.20
	CP-OFDM 64QAM	1	1	19.29	19.42	19.56	20.70
	CP-OFDM 256QAM	1	1	16.75	16.94	16.75	17.70

N7-ANT4 LEVEL5&6(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	19.60	19.70	19.62	20.70
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	19.39	19.43	19.55	20.70
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	19.16	19.85	19.65	20.70
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	19.18	19.36	19.60	20.70
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	19.71	19.48	19.53	20.70
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**19.81**	19.80	19.80	20.70
		1	80	19.77	19.79	19.70	20.70
		1	158	19.72	19.78	19.75	20.70
	DFT-s-OFDM BPSK	80	0	19.63	19.83	**19.90**	20.70
		80	40	19.73	19.82	19.82	20.70
		80	80	19.66	19.81	19.73	20.70
	DFT-s-OFDM BPSK	160	0	19.97	19.80	19.75	20.70
	DFT-s-OFDM QPSK	1	1	19.55	19.71	19.73	20.70
		1	80	19.82	19.88	19.96	20.70
		1	158	19.92	19.96	19.95	20.70
	DFT-s-OFDM QPSK	80	0	19.51	19.81	19.82	20.70
		80	40	19.61	19.79	19.73	20.70
		80	80	19.62	19.75	19.93	20.70
	DFT-s-OFDM QPSK	160	0	19.83	19.84	19.86	20.70
	DFT-s-OFDM 16QAM	1	1	20.09	20.12	20.24	20.70
	DFT-s-OFDM 64QAM	1	1	19.70	19.63	19.67	20.70
	DFT-s-OFDM 256QAM	1	1	19.16	19.01	19.00	19.70
	CP-OFDM QPSK	1	1	19.96	19.81	19.97	20.70
	CP-OFDM 16QAM	1	1	19.92	20.11	20.10	20.70
	CP-OFDM 64QAM	1	1	19.63	19.48	19.30	20.70
	CP-OFDM 256QAM	1	1	17.00	16.93	17.09	17.70

N7-ANT5 Full power(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	23.31	23.26	23.16	24.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	23.30	23.24	23.26	24.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	23.09	23.25	23.27	24.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	23.09	23.34	23.37	24.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	23.11	23.29	23.38	24.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	23.34	23.42	23.42	24.20
		1	80	23.41	23.38	23.42	24.20
		1	158	**23.48**	23.33	23.45	24.20
	DFT-s-OFDM BPSK	80	0	23.01	22.91	22.89	24.20
		80	40	23.14	23.34	**23.37**	24.20
		80	80	22.77	22.88	22.69	24.20
	DFT-s-OFDM BPSK	160	0	22.88	22.87	22.75	23.20
	DFT-s-OFDM QPSK	1	1	23.35	23.41	23.46	24.20
		1	80	23.49	23.40	23.31	24.20
		1	158	23.43	23.27	23.65	24.20
	DFT-s-OFDM QPSK	80	0	23.21	23.09	22.84	24.20
		80	40	23.31	23.32	23.51	24.20
		80	80	22.84	22.76	22.83	24.20
	DFT-s-OFDM QPSK	160	0	23.07	22.37	22.80	23.20
	DFT-s-OFDM 16QAM	1	1	22.15	22.08	21.91	23.20
	DFT-s-OFDM 64QAM	1	1	20.81	20.65	20.49	21.70
	DFT-s-OFDM 256QAM	1	1	19.61	19.61	19.42	19.70
	CP-OFDM QPSK	1	1	21.97	21.92	21.73	22.70
	CP-OFDM 16QAM	1	1	21.77	21.68	21.65	22.20
	CP-OFDM 64QAM	1	1	19.84	20.01	19.98	20.70
	CP-OFDM 256QAM	1	1	17.19	17.01	17.12	17.70

N7-ANT5 Level1(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	15.38	15.36	15.35	16.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	15.38	15.49	15.26	16.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	15.40	15.46	15.27	16.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	15.34	15.40	15.27	16.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	15.44	15.35	15.22	16.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**15.55**	15.51	15.46	16.20
		1	80	15.32	15.31	15.33	16.20
		1	158	15.28	15.32	15.53	16.20
	DFT-s-OFDM BPSK	80	0	15.31	15.40	**15.54**	16.20
		80	40	15.35	15.36	15.47	16.20
		80	80	15.48	15.54	15.46	16.20
	DFT-s-OFDM BPSK	160	0	15.37	15.31	15.51	16.20
	DFT-s-OFDM QPSK	1	1	15.46	15.43	15.49	16.20
		1	80	15.45	15.26	15.29	16.20
		1	158	15.28	15.42	15.30	16.20
	DFT-s-OFDM QPSK	80	0	15.25	15.45	15.41	16.20
		80	40	15.27	15.42	15.43	16.20
		80	80	15.36	15.30	15.34	16.20
	DFT-s-OFDM QPSK	160	0	15.28	15.29	15.32	16.20
	DFT-s-OFDM 16QAM	1	1	15.42	15.53	15.29	16.20
	DFT-s-OFDM 64QAM	1	1	15.26	15.27	15.28	16.20
	DFT-s-OFDM 256QAM	1	1	15.43	15.29	15.32	16.20
	CP-OFDM QPSK	1	1	15.33	15.55	15.29	16.20
	CP-OFDM 16QAM	1	1	15.29	15.33	15.31	16.20
	CP-OFDM 64QAM	1	1	15.54	15.52	15.37	16.20
	CP-OFDM 256QAM	1	1	15.50	15.37	15.49	16.20

N7-ANT5 Level2&3(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	13.32	13.15	13.25	14.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	13.27	13.17	13.13	14.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	13.43	13.31	13.04	14.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	13.29	13.33	13.23	14.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	13.39	13.30	13.06	14.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**13.50**	13.35	13.28	14.20
		1	80	13.43	13.42	13.47	14.20
		1	158	13.46	13.44	13.41	14.20
	DFT-s-OFDM BPSK	80	0	13.30	13.47	**13.51**	14.20
		80	40	13.30	13.34	13.48	14.20
		80	80	13.23	13.25	13.47	14.20
	DFT-s-OFDM BPSK	160	0	13.28	13.37	13.40	14.20
	DFT-s-OFDM QPSK	1	1	13.37	13.32	13.33	14.20
		1	80	13.31	13.36	13.26	14.20
		1	158	13.25	13.30	13.30	14.20
	DFT-s-OFDM QPSK	80	0	13.49	13.46	13.41	14.20
		80	40	13.35	13.34	13.45	14.20
		80	80	13.49	13.29	13.27	14.20
	DFT-s-OFDM QPSK	160	0	13.37	13.27	13.29	14.20
	DFT-s-OFDM 16QAM	1	1	13.27	13.45	13.21	14.20
	DFT-s-OFDM 64QAM	1	1	13.37	13.46	13.25	14.20
	DFT-s-OFDM 256QAM	1	1	13.39	13.21	13.41	14.20
	CP-OFDM QPSK	1	1	13.34	13.24	13.24	14.20
	CP-OFDM 16QAM	1	1	13.42	13.24	13.39	14.20
	CP-OFDM 64QAM	1	1	13.24	13.25	13.48	14.20
	CP-OFDM 256QAM	1	1	13.28	13.44	13.23	14.20

N7-ANT5 Level4(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	18.37	18.02	18.05	19.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	18.24	18.11	18.22	19.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	18.47	18.00	18.05	19.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.39	18.09	18.31	19.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	18.28	18.20	18.13	19.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**18.49**	18.21	18.33	19.20
		1	80	18.29	18.38	18.32	19.20
		1	158	18.29	18.47	18.41	19.20
	DFT-s-OFDM BPSK	80	0	**18.45**	18.21	18.20	19.20
		80	40	18.25	**18.45**	18.31	19.20
		80	80	18.42	18.24	18.26	19.20
	DFT-s-OFDM BPSK	160	0	18.20	18.27	18.26	19.20
	DFT-s-OFDM QPSK	1	1	18.50	18.29	18.28	19.20
		1	80	18.40	18.38	18.37	19.20
		1	158	18.45	18.25	18.24	19.20
	DFT-s-OFDM QPSK	80	0	18.33	18.38	18.43	19.20
		80	40	18.22	18.46	18.49	19.20
		80	80	18.28	18.41	18.27	19.20
	DFT-s-OFDM QPSK	160	0	18.32	18.35	18.45	19.20
	DFT-s-OFDM 16QAM	1	1	18.39	18.34	18.45	19.20
	DFT-s-OFDM 64QAM	1	1	18.35	18.38	18.36	19.20
	DFT-s-OFDM 256QAM	1	1	18.44	18.23	18.32	19.20
	CP-OFDM QPSK	1	1	18.42	18.28	18.39	19.20
	CP-OFDM 16QAM	1	1	18.41	18.28	18.25	19.20
	CP-OFDM 64QAM	1	1	18.24	18.24	18.50	19.20
	CP-OFDM 256QAM	1	1	16.76	16.94	16.86	17.70

N7-ANT5 Level5&6(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	16.34	16.25	16.17	17.20
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	16.32	16.20	16.32	17.20
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	16.48	16.31	16.28	17.20
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	16.30	16.34	16.13	17.20
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	16.42	16.33	16.22	17.20
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**16.51**	16.43	16.35	17.20
		1	80	**16.51**	16.46	16.49	17.20
		1	158	16.37	16.35	16.37	17.20
	DFT-s-OFDM BPSK	80	0	**16.51**	16.41	16.38	17.20
		80	40	16.32	16.44	16.40	17.20
		80	80	16.50	16.52	16.35	17.20
	DFT-s-OFDM BPSK	160	0	16.50	16.35	16.40	17.20
	DFT-s-OFDM QPSK	1	1	16.58	16.59	16.46	17.20
		1	80	16.52	16.51	16.55	17.20
		1	158	16.38	16.43	16.30	17.20
	DFT-s-OFDM QPSK	80	0	16.55	16.50	16.40	17.20
		80	40	16.46	16.48	16.60	17.20
		80	80	16.53	16.59	16.40	17.20
	DFT-s-OFDM QPSK	160	0	16.42	16.56	16.52	17.20
	DFT-s-OFDM 16QAM	1	1	16.37	16.35	16.40	17.20
	DFT-s-OFDM 64QAM	1	1	16.38	16.34	16.44	17.20
	DFT-s-OFDM 256QAM	1	1	16.32	16.32	16.51	17.20
	CP-OFDM QPSK	1	1	16.55	16.32	16.56	17.20
	CP-OFDM 16QAM	1	1	16.48	16.41	16.43	17.20
	CP-OFDM 64QAM	1	1	16.34	16.60	16.54	17.20
	CP-OFDM 256QAM	1	1	16.54	16.32	16.51	17.20

N7-ANT6 Full power(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up
		RB Size	RB offest	2502.5	2535	2567.5	power(dB
5	DFT-s-OFDM BPSK	1	1	21.58	21.67	21.78	22.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up
		RB Size	RB offest	2505	2535	2565	power(dB
10	DFT-s-OFDM BPSK	1	1	21.65	21.58	21.76	22.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up
		RB Size	RB offest	2507.5	2535	2562.5	power(dB
15	DFT-s-OFDM BPSK	1	1	21.73	21.61	21.73	22.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up
		RB Size	RB offest	2510	2535	2560	power(dB
20	DFT-s-OFDM BPSK	1	1	21.52	21.50	21.55	22.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up
		RB Size	RB offest	2512.5	2535	2557.5	power(dB
25	DFT-s-OFDM BPSK	1	1	21.77	21.62	21.69	22.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up
		RB Size	RB offest	2515	2535	2555	power(dB
30	DFT-s-OFDM BPSK	1	1	21.77	21.69	21.78	22.60
		1	80	21.82	21.85	21.82	22.60
		1	158	21.93	**21.94**	21.93	22.60
	DFT-s-OFDM BPSK	80	0	21.91	21.86	**22.03**	22.60
		80	40	21.86	21.98	21.99	22.60
		80	80	21.84	21.79	21.93	22.60
	DFT-s-OFDM BPSK	160	0	21.48	21.54	21.41	21.60
	DFT-s-OFDM QPSK	1	1	21.65	21.70	21.67	22.60
		1	80	21.69	22.05	21.81	22.60
		1	158	21.86	22.00	21.99	22.60
	DFT-s-OFDM QPSK	80	0	21.93	21.66	21.90	22.60
		80	40	21.86	21.87	21.81	22.60
		80	80	21.68	21.94	22.05	22.60
	DFT-s-OFDM QPSK	160	0	21.59	21.57	21.57	21.60
	DFT-s-OFDM 16QAM	1	1	20.86	20.92	20.97	21.60
	DFT-s-OFDM 64QAM	1	1	19.51	19.48	19.41	20.10
	DFT-s-OFDM 256QAM	1	1	17.85	17.91	17.89	18.10
	CP-OFDM QPSK	1	1	20.87	20.76	20.55	21.10
	CP-OFDM 16QAM	1	1	20.53	20.52	20.53	20.60
	CP-OFDM 64QAM	1	1	18.89	18.83	19.02	19.10
	CP-OFDM 256QAM	1	1	15.99	15.95	15.97	16.10

N7-ANT6 Level1(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	16.85	16.64	16.72	17.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	16.77	16.55	16.70	17.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	16.85	16.76	16.66	17.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	16.68	16.78	16.64	17.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	16.64	16.58	16.77	17.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	16.90	16.80	16.83	17.60
		1	80	16.80	16.92	**16.98**	17.60
		1	158	16.77	16.82	**16.98**	17.60
	DFT-s-OFDM BPSK	80	0	16.87	**16.92**	16.79	17.60
		80	40	16.86	16.85	16.75	17.60
		80	80	16.88	16.71	16.89	17.60
	DFT-s-OFDM BPSK	160	0	16.81	16.83	16.72	17.60
	DFT-s-OFDM QPSK	1	1	16.71	16.92	16.73	17.60
		1	80	16.81	16.96	16.96	17.60
		1	158	16.79	16.79	16.93	17.60
	DFT-s-OFDM QPSK	80	0	16.92	16.74	16.73	17.60
		80	40	16.82	16.85	16.85	17.60
		80	80	16.87	16.77	16.70	17.60
	DFT-s-OFDM QPSK	160	0	16.92	16.80	16.92	17.60
	DFT-s-OFDM 16QAM	1	1	16.98	16.95	16.82	17.60
	DFT-s-OFDM 64QAM	1	1	16.87	16.79	16.83	17.60
	DFT-s-OFDM 256QAM	1	1	16.92	16.73	16.79	17.60
	CP-OFDM QPSK	1	1	16.95	16.91	16.89	17.60
	CP-OFDM 16QAM	1	1	16.87	16.80	16.93	17.60
	CP-OFDM 64QAM	1	1	16.83	16.84	16.81	17.60
	CP-OFDM 256QAM	1	1	15.46	15.21	15.44	16.10

N7-ANT6 Level2&3(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	14.91	14.65	14.65	15.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	14.78	14.67	14.64	15.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	14.74	14.64	14.62	15.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	14.82	14.52	14.75	15.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	14.79	14.41	14.76	15.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	**14.92**	14.68	14.90	15.60
		1	80	14.65	14.65	14.70	15.60
		1	158	14.78	14.84	14.68	15.60
	DFT-s-OFDM BPSK	80	0	14.86	14.66	**14.87**	15.60
		80	40	14.72	14.83	14.83	15.60
		80	80	14.94	14.71	14.72	15.60
	DFT-s-OFDM BPSK	160	0	14.70	14.79	14.68	15.60
	DFT-s-OFDM QPSK	1	1	14.74	14.85	14.72	15.60
		1	80	14.90	14.93	14.90	15.60
		1	158	14.89	14.70	14.71	15.60
	DFT-s-OFDM QPSK	80	0	14.84	14.83	14.71	15.60
		80	40	14.75	14.67	14.87	15.60
		80	80	14.75	14.75	14.94	15.60
	DFT-s-OFDM QPSK	160	0	14.84	14.74	14.90	15.60
	DFT-s-OFDM 16QAM	1	1	14.83	14.92	14.65	15.60
	DFT-s-OFDM 64QAM	1	1	14.90	14.76	14.76	15.60
	DFT-s-OFDM 256QAM	1	1	14.68	14.84	14.73	15.60
	CP-OFDM QPSK	1	1	14.72	14.69	14.92	15.60
	CP-OFDM 16QAM	1	1	14.76	14.70	14.80	15.60
	CP-OFDM 64QAM	1	1	14.85	14.83	14.71	15.60
	CP-OFDM 256QAM	1	1	14.93	14.69	14.68	15.60

N7-ANT6 Level4(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	17.71	17.59	17.49	18.60
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	17.78	17.46	17.53	18.60
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	17.70	17.49	17.56	18.60
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.70	17.45	17.46	18.60
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	17.83	17.60	17.66	18.60
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	17.85	17.70	17.67	18.60
		1	80	17.80	17.80	17.84	18.60
		1	158	**17.92**	17.90	17.84	18.60
	DFT-s-OFDM BPSK	80	0	17.66	17.78	**17.86**	18.60
		80	40	17.78	17.74	17.75	18.60
		80	80	17.84	17.94	17.93	18.60
	DFT-s-OFDM BPSK	160	0	17.81	17.67	17.72	18.60
	DFT-s-OFDM QPSK	1	1	17.82	17.83	17.95	18.60
		1	80	17.89	17.75	17.78	18.60
		1	158	17.69	17.92	17.88	18.60
	DFT-s-OFDM QPSK	80	0	17.73	17.83	17.69	18.60
		80	40	17.70	17.85	17.85	18.60
		80	80	17.70	17.70	17.87	18.60
	DFT-s-OFDM QPSK	160	0	17.90	17.80	17.88	18.60
	DFT-s-OFDM 16QAM	1	1	17.86	17.87	17.93	18.60
	DFT-s-OFDM 64QAM	1	1	17.87	17.92	17.85	18.60
	DFT-s-OFDM 256QAM	1	1	17.25	17.26	17.20	18.10
	CP-OFDM QPSK	1	1	17.87	17.91	17.84	18.60
	CP-OFDM 16QAM	1	1	17.73	17.69	17.84	18.60
	CP-OFDM 64QAM	1	1	17.75	17.90	17.81	18.60
	CP-OFDM 256QAM	1	1	15.41	15.23	15.41	16.10

N7-ANT6 Level5&6(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	14.34	14.25	13.92	15.10
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	14.14	14.13	14.02	15.10
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	14.15	14.10	13.98	15.10
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	14.15	14.29	14.14	15.10
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM BPSK	1	1	14.13	14.12	14.03	15.10
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB
		RB Size	RB offest	2515	2535	2555	
30	DFT-s-OFDM BPSK	1	1	14.35	**14.36**	14.20	15.10
		1	80	14.35	14.34	14.20	15.10
		1	158	14.29	14.19	14.17	15.10
	DFT-s-OFDM BPSK	80	0	14.22	14.27	14.24	15.10
		80	40	14.30	14.28	**14.37**	15.10
		80	80	14.20	14.38	14.36	15.10
	DFT-s-OFDM BPSK	160	0	14.25	14.27	14.16	15.10
	DFT-s-OFDM QPSK	1	1	14.29	14.45	14.28	15.10
		1	80	14.29	14.25	14.18	15.10
		1	158	14.40	14.34	14.15	15.10
	DFT-s-OFDM QPSK	80	0	14.40	14.32	14.37	15.10
		80	40	14.29	14.34	14.25	15.10
		80	80	14.15	14.35	14.33	15.10
	DFT-s-OFDM QPSK	160	0	14.45	14.17	14.35	15.10
	DFT-s-OFDM 16QAM	1	1	14.37	14.36	14.15	15.10
	DFT-s-OFDM 64QAM	1	1	14.31	14.15	14.26	15.10
	DFT-s-OFDM 256QAM	1	1	14.21	14.28	14.26	15.10
	CP-OFDM QPSK	1	1	14.40	14.33	14.15	15.10
	CP-OFDM 16QAM	1	1	14.32	14.15	14.25	15.10
	CP-OFDM 64QAM	1	1	14.40	14.27	14.24	15.10
	CP-OFDM 256QAM	1	1	14.15	14.23	14.38	15.10

8.5.3 NR Band38 Output Power

N38-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	23.39	23.31	23.54	24.10
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	23.49	23.29	23.72	24.10
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.45	23.42	**23.56**	24.10
		1	53	23.41	23.45	23.47	24.10
		1	104	23.44	23.34	23.48	24.10
	DFT-s-OFDM BPSK	50	0	23.27	23.32	23.46	24.10
		50	28	**23.50**	23.35	23.42	24.10
		50	56	23.50	23.33	23.35	24.10
	DFT-s-OFDM BPSK	100	0	22.49	22.32	22.20	23.10
	DFT-s-OFDM QPSK	1	1	23.42	23.25	23.62	24.10
		1	53	23.22	23.35	23.51	24.10
		1	104	23.52	23.25	23.51	24.10
	DFT-s-OFDM QPSK	50	0	23.34	23.23	23.27	24.10
		50	28	23.61	23.26	23.27	24.10
		50	56	23.66	23.37	23.43	24.10
	DFT-s-OFDM QPSK	100	0	22.40	22.24	22.34	23.10
	DFT-s-OFDM 16QAM	1	1	22.48	22.44	22.31	23.10
	DFT-s-OFDM 64QAM	1	1	20.62	20.58	20.47	21.60
	DFT-s-OFDM 256QAM	1	1	18.79	18.64	18.56	19.60
	CP-OFDM QPSK	1	1	21.78	21.86	21.67	22.60
	CP-OFDM 16QAM	1	1	21.41	21.56	21.60	22.10
	CP-OFDM 64QAM	1	1	19.25	19.32	19.41	20.60
	CP-OFDM 256QAM	1	1	16.69	16.88	17.01	17.60

N38-ANT3 LEVEL1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	15.75	15.43	15.42	16.60
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	15.71	15.65	15.23	16.60
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	15.52	**15.58**	15.57	16.60
		1	53	15.51	15.54	15.55	16.60
		1	104	15.50	15.56	15.54	16.60
	DFT-s-OFDM BPSK	50	0	15.43	**15.48**	15.42	16.60
		50	28	15.42	15.47	15.40	16.60
		50	56	15.28	15.43	15.34	16.60
	DFT-s-OFDM BPSK	100	0	15.46	15.66	15.46	16.60
	DFT-s-OFDM QPSK	1	1	15.55	15.55	15.41	16.60
		1	53	15.40	15.59	15.54	16.60
		1	104	15.37	15.76	15.71	16.60
	DFT-s-OFDM QPSK	50	0	15.52	15.57	15.33	16.60
		50	28	15.51	15.54	15.23	16.60
		50	56	15.42	15.31	15.61	16.60
	DFT-s-OFDM QPSK	100	0	15.58	15.55	15.63	16.60
	DFT-s-OFDM 16QAM	1	1	15.43	15.27	15.30	16.60
	DFT-s-OFDM 64QAM	1	1	15.28	15.35	15.27	16.60
	DFT-s-OFDM 256QAM	1	1	15.47	15.60	15.65	16.60
	CP-OFDM QPSK	1	1	15.93	15.92	15.77	16.60
	CP-OFDM 16QAM	1	1	15.93	15.79	15.65	16.60
	CP-OFDM 64QAM	1	1	15.76	15.62	15.66	16.60
	CP-OFDM 256QAM	1	1	15.11	15.20	15.23	16.60

N38-ANT3 LEVEL2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	14.93	15.15	14.99	16.10
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	15.18	15.00	15.04	16.10
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	15.03	**15.07**	15.05	16.10
		1	53	15.01	15.02	15.01	16.10
		1	104	15.02	15.05	15.03	16.10
	DFT-s-OFDM BPSK	50	0	15.03	**15.14**	15.05	16.10
		50	28	14.84	15.01	14.93	16.10
		50	56	14.97	14.92	14.77	16.10
	DFT-s-OFDM BPSK	100	0	14.93	15.07	14.79	16.10
	DFT-s-OFDM QPSK	1	1	15.08	15.06	15.19	16.10
		1	53	14.94	15.10	14.87	16.10
		1	104	14.91	15.16	15.15	16.10
	DFT-s-OFDM QPSK	50	0	14.90	14.81	15.13	16.10
		50	28	14.89	14.99	14.97	16.10
		50	56	14.83	14.86	14.64	16.10
	DFT-s-OFDM QPSK	100	0	14.99	14.96	14.98	16.10
	DFT-s-OFDM 16QAM	1	1	14.84	14.76	14.73	16.10
	DFT-s-OFDM 64QAM	1	1	14.69	14.83	15.00	16.10
	DFT-s-OFDM 256QAM	1	1	15.60	15.42	15.60	16.10
	CP-OFDM QPSK	1	1	14.89	15.01	15.00	16.10
	CP-OFDM 16QAM	1	1	15.44	15.30	15.27	16.10
	CP-OFDM 64QAM	1	1	15.17	15.08	15.02	16.10
	CP-OFDM 256QAM	1	1	14.62	14.73	14.86	16.10

N38-ANT3 LEVEL4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	18.98	18.80	18.63	20.10
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	18.82	18.72	19.02	20.10
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	18.85	**18.93**	18.91	20.10
		1	53	18.92	18.86	18.88	20.10
		1	104	18.87	18.83	18.85	20.10
	DFT-s-OFDM BPSK	50	0	18.88	**18.95**	18.93	20.10
		50	28	18.61	18.81	18.70	20.10
		50	56	18.66	18.77	18.87	20.10
	DFT-s-OFDM BPSK	100	0	18.75	18.76	18.77	20.10
	DFT-s-OFDM QPSK	1	1	18.85	18.86	18.82	20.10
		1	53	18.77	19.03	18.82	20.10
		1	104	18.86	19.00	19.02	20.10
	DFT-s-OFDM QPSK	50	0	18.81	18.90	19.06	20.10
		50	28	18.42	18.86	18.86	20.10
		50	56	18.57	18.89	19.15	20.10
	DFT-s-OFDM QPSK	100	0	18.69	18.88	18.89	20.10
	DFT-s-OFDM 16QAM	1	1	18.75	18.64	18.83	20.10
	DFT-s-OFDM 64QAM	1	1	18.63	18.70	18.86	20.10
	DFT-s-OFDM 256QAM	1	1	18.12	18.28	18.29	19.60
	CP-OFDM QPSK	1	1	18.89	18.87	18.96	20.10
	CP-OFDM 16QAM	1	1	19.18	19.15	19.32	20.10
	CP-OFDM 64QAM	1	1	19.14	18.98	18.85	20.10
	CP-OFDM 256QAM	1	1	16.45	16.33	16.23	17.60

N38-ANT3 LEVEL5&6(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	16.90	16.70	16.89	18.10
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	16.92	16.97	16.62	18.10
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	16.94	**17.06**	16.98	18.10
		1	53	16.95	16.83	17.00	18.10
		1	104	16.96	16.90	16.99	18.10
	DFT-s-OFDM BPSK	50	0	16.71	**16.91**	16.76	18.10
		50	28	16.85	16.80	16.67	18.10
		50	56	16.84	16.72	16.72	18.10
	DFT-s-OFDM BPSK	100	0	16.65	16.73	16.59	18.10
	DFT-s-OFDM QPSK	1	1	16.94	16.89	16.79	18.10
		1	53	17.07	16.70	17.02	18.10
		1	104	16.88	16.97	16.93	18.10
	DFT-s-OFDM QPSK	50	0	16.86	16.60	16.82	18.10
		50	28	16.85	16.79	16.51	18.10
		50	56	16.87	16.61	16.81	18.10
	DFT-s-OFDM QPSK	100	0	16.52	16.87	16.46	18.10
	DFT-s-OFDM 16QAM	1	1	16.47	16.61	16.69	18.10
	DFT-s-OFDM 64QAM	1	1	16.58	16.71	16.91	18.10
	DFT-s-OFDM 256QAM	1	1	17.20	17.26	17.27	18.10
	CP-OFDM QPSK	1	1	16.72	16.92	16.83	18.10
	CP-OFDM 16QAM	1	1	17.06	17.18	17.17	18.10
	CP-OFDM 64QAM	1	1	16.85	17.02	17.00	18.10
	CP-OFDM 256QAM	1	1	16.23	16.31	16.38	17.60

F

N38-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	23.48	23.62	23.48	24.70
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	23.55	23.37	23.59	24.70
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.26	23.26	23.48	24.70
		1	53	23.44	23.42	23.35	24.70
		1	104	23.41	23.40	23.41	24.70
	DFT-s-OFDM BPSK	50	0	22.99	22.93	23.29	24.70
		50	28	23.28	23.28	23.09	24.70
		50	56	23.13	22.98	22.83	24.70
	DFT-s-OFDM BPSK	100	0	22.88	22.96	23.02	23.70
	DFT-s-OFDM QPSK	1	1	23.44	23.46	23.50	24.70
		1	53	23.53	23.55	23.51	24.70
		1	104	23.29	23.40	23.40	24.70
	DFT-s-OFDM QPSK	50	0	23.00	22.88	23.03	24.70
		50	28	23.54	23.48	23.39	24.70
		50	56	22.98	23.05	22.98	24.70
	DFT-s-OFDM QPSK	100	0	23.01	22.85	23.11	23.70
	DFT-s-OFDM 16QAM	1	1	22.07	22.15	22.35	23.70
	DFT-s-OFDM 64QAM	1	1	20.94	20.94	21.06	22.20
	DFT-s-OFDM 256QAM	1	1	18.89	18.92	18.86	20.20
	CP-OFDM QPSK	1	1	21.39	21.33	21.36	23.20
	CP-OFDM 16QAM	1	1	21.48	21.51	21.35	22.70
	CP-OFDM 64QAM	1	1	19.77	19.95	20.03	21.20
	CP-OFDM 256QAM	1	1	17.25	17.32	17.26	18.20

F

N38-ANT4 LEVEL1&2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	23.48	23.62	23.48	24.70
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	23.55	23.37	23.59	24.70
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.26	23.26	23.48	24.70
		1	53	23.44	23.42	23.35	24.70
		1	104	23.41	23.40	23.41	24.70
	DFT-s-OFDM BPSK	50	0	22.99	22.93	23.29	24.70
		50	28	23.28	23.28	23.09	24.70
		50	56	23.13	22.98	22.83	24.70
	DFT-s-OFDM BPSK	100	0	22.88	22.96	23.02	23.70
	DFT-s-OFDM QPSK	1	1	23.44	23.46	23.50	24.70
		1	53	23.53	23.55	23.51	24.70
		1	104	23.29	23.40	23.40	24.70
	DFT-s-OFDM QPSK	50	0	23.00	22.88	23.03	24.70
		50	28	23.54	23.48	23.39	24.70
		50	56	22.98	23.05	22.98	24.70
	DFT-s-OFDM QPSK	100	0	23.01	22.85	23.11	23.70
	DFT-s-OFDM 16QAM	1	1	22.07	22.15	22.35	23.70
	DFT-s-OFDM 64QAM	1	1	20.94	20.94	21.06	22.20
	DFT-s-OFDM 256QAM	1	1	18.89	18.92	18.86	20.20
	CP-OFDM QPSK	1	1	21.39	21.33	21.36	23.20
	CP-OFDM 16QAM	1	1	21.48	21.51	21.35	22.70
	CP-OFDM 64QAM	1	1	19.77	19.95	20.03	21.20
	CP-OFDM 256QAM	1	1	17.25	17.32	17.26	18.20

N38-ANT4 LEVEL4&5&6(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	20.80	20.95	21.04	22.20
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	20.75	20.79	20.70	22.20
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	20.85	20.95	20.97	22.20
		1	53	20.83	20.92	20.94	22.20
		1	104	20.82	20.93	20.92	22.20
	DFT-s-OFDM BPSK	50	0	20.97	20.89	20.99	22.20
		50	28	20.97	20.87	20.98	22.20
		50	56	20.66	20.80	20.73	22.20
	DFT-s-OFDM BPSK	100	0	20.76	20.84	20.89	22.20
	DFT-s-OFDM QPSK	1	1	20.83	20.94	20.90	22.20
		1	53	20.94	21.02	21.03	22.20
		1	104	20.63	20.86	20.83	22.20
	DFT-s-OFDM QPSK	50	0	20.85	20.87	20.82	22.20
		50	28	20.99	20.86	20.85	22.20
		50	56	20.61	20.88	20.81	22.20
	DFT-s-OFDM QPSK	100	0	21.03	20.80	20.88	22.20
	DFT-s-OFDM 16QAM	1	1	20.48	20.68	20.56	22.20
	DFT-s-OFDM 64QAM	1	1	20.27	20.28	20.24	22.20
	DFT-s-OFDM 256QAM	1	1	18.85	18.94	19.02	20.20
	CP-OFDM QPSK	1	1	21.06	21.00	21.13	22.20
	CP-OFDM 16QAM	1	1	21.37	21.28	21.25	22.20
	CP-OFDM 64QAM	1	1	20.02	20.20	20.01	21.20
	CP-OFDM 256QAM	1	1	17.07	16.88	16.76	18.20

8.5.4 NR Band41 Output Power

N41-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.91	22.85	22.78	22.53	22.70	24.10
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	22.69	22.67	22.72	22.65	22.69	24.10
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.69	22.75	22.61	22.59	22.60	24.10
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.75	22.61	22.86	22.66	22.79	24.10
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.68	22.77	22.62	22.61	22.81	24.10
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.76	22.82	22.84	22.61	22.65	24.10
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.83	22.67	22.90	22.74	22.81	24.10
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.93	22.87	22.90	22.78	22.82	24.10
		1	137	**23.05**	22.77	23.02	22.97	23.01	24.10
		1	271	22.65	22.55	22.65	22.52	22.70	24.10
	DFT-s-OFDM BPSK	135	0	22.43	22.17	22.46	22.44	22.51	24.10
		135	69	**23.30**	23.09	23.16	22.96	23.04	24.10
		135	138	22.61	22.27	22.50	22.27	22.58	24.10
	DFT-s-OFDM BPSK	270	0	22.75	22.46	22.56	22.52	22.40	23.10
	DFT-s-OFDM QPSK	1	1	23.07	22.94	23.00	22.86	22.71	24.10
		1	137	23.06	22.79	22.84	22.80	22.92	24.10
		1	271	22.50	22.43	22.64	22.62	22.79	24.10
	DFT-s-OFDM QPSK	135	0	22.58	22.30	22.44	22.18	22.43	24.10
		135	69	23.43	23.14	23.14	22.90	23.23	24.10
		135	138	22.57	22.31	22.57	22.33	22.45	24.10
	DFT-s-OFDM QPSK	270	0	22.58	22.44	22.57	22.39	22.54	23.10
	DFT-s-OFDM 16QAM	1	1	21.83	21.65	21.71	21.69	21.90	23.10
	DFT-s-OFDM 64QAM	1	1	20.28	20.17	20.30	20.10	20.33	21.60
	DFT-s-OFDM 256QAM	1	1	18.71	18.65	18.80	18.64	18.98	19.60
	CP-OFDM QPSK	1	1	21.73	21.28	21.56	21.51	21.43	22.60
	CP-OFDM 16QAM	1	1	21.12	21.08	21.20	21.08	21.05	22.10
	CP-OFDM 64QAM	1	1	19.62	19.48	19.50	19.29	19.63	20.60
	CP-OFDM 256QAM	1	1	16.56	16.38	16.50	16.48	16.56	17.60

N41-ANT3 LEVEL1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	15.76	15.50	15.75	15.46	15.60	16.60
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	15.65	15.40	15.70	15.41	15.63	16.60
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	15.59	15.58	15.76	15.51	15.51	16.60
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	15.60	15.49	15.73	15.53	15.71	16.60
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	15.52	15.56	15.70	15.69	15.47	16.60
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	15.56	15.41	15.71	15.55	15.54	16.60
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	15.65	15.67	15.59	15.55	15.68	16.60
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.81	15.69	**15.84**	15.70	15.76	16.60
		1	137	15.63	15.34	15.60	15.51	15.64	16.60
		1	271	15.69	15.51	15.64	15.41	15.46	16.60
	DFT-s-OFDM BPSK	135	0	15.63	15.56	**15.72**	15.69	15.61	16.60
		135	69	15.40	15.31	15.60	15.35	15.54	16.60
		135	138	15.59	15.20	15.49	15.31	15.52	16.60
	DFT-s-OFDM BPSK	270	0	15.63	15.63	15.68	15.61	15.53	16.60
	DFT-s-OFDM QPSK	1	1	15.89	15.39	15.63	15.62	15.81	16.60
		1	137	15.54	15.59	15.64	15.52	15.70	16.60
		1	271	15.76	15.64	15.78	15.55	15.44	16.60
	DFT-s-OFDM QPSK	135	0	15.54	15.50	15.68	15.42	15.61	16.60
		135	69	15.31	15.58	15.62	15.36	15.58	16.60
		135	138	15.76	15.46	15.63	15.43	15.46	16.60
	DFT-s-OFDM QPSK	270	0	15.61	15.35	15.42	15.24	15.68	16.60
	DFT-s-OFDM 16QAM	1	1	15.42	15.13	15.39	15.35	15.22	16.60
	DFT-s-OFDM 64QAM	1	1	15.38	15.44	15.50	15.46	15.47	16.60
	DFT-s-OFDM 256QAM	1	1	15.82	15.75	16.00	15.81	16.04	16.60
	CP-OFDM QPSK	1	1	15.61	15.40	15.60	15.32	15.78	16.60
	CP-OFDM 16QAM	1	1	15.75	15.56	15.84	15.70	16.04	16.60
	CP-OFDM 64QAM	1	1	15.65	15.56	15.67	15.60	15.58	16.60
	CP-OFDM 256QAM	1	1	15.28	15.21	15.43	15.39	15.27	16.60

N41-ANT3 LEVEL2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	15.20	15.16	15.32	15.12	15.02	16.10
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	15.06	15.21	15.19	15.23	15.27	16.10
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	15.00	15.03	15.21	15.28	15.30	16.10
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	15.06	15.15	15.26	15.11	15.24	16.10
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	15.23	15.20	15.11	15.30	15.16	16.10
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	15.10	15.28	15.31	15.20	15.10	16.10
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	15.26	15.08	15.14	15.15	15.04	16.10
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.29	15.28	**15.37**	15.32	15.31	16.10
		1	137	15.22	15.12	15.23	15.01	15.36	16.10
		1	271	15.23	15.18	15.29	15.20	15.18	16.10
	DFT-s-OFDM BPSK	135	0	15.26	15.12	**15.39**	15.36	15.28	16.10
		135	69	15.22	14.91	15.14	14.96	15.10	16.10
		135	138	15.10	15.06	15.32	15.09	15.26	16.10
	DFT-s-OFDM BPSK	270	0	15.26	15.01	15.28	15.04	15.08	16.10
	DFT-s-OFDM QPSK	1	1	15.35	15.06	15.15	14.89	15.38	16.10
		1	137	15.32	14.95	15.23	14.99	15.06	16.10
		1	271	15.34	14.97	15.25	15.16	15.35	16.10
	DFT-s-OFDM QPSK	135	0	15.23	15.34	15.36	15.20	15.23	16.10
		135	69	15.40	15.02	15.09	15.06	15.11	16.10
		135	138	15.05	15.39	15.40	15.21	15.17	16.10
	DFT-s-OFDM QPSK	270	0	15.25	15.08	15.22	15.08	15.29	16.10
	DFT-s-OFDM 16QAM	1	1	15.32	15.22	15.32	15.24	15.13	16.10
	DFT-s-OFDM 64QAM	1	1	15.35	15.23	15.38	15.10	15.12	16.10
	DFT-s-OFDM 256QAM	1	1	15.10	15.23	15.32	15.15	15.18	16.10
	CP-OFDM QPSK	1	1	15.23	14.88	15.11	14.88	15.28	16.10
	CP-OFDM 16QAM	1	1	15.29	15.04	15.14	15.08	15.16	16.10
	CP-OFDM 64QAM	1	1	15.15	14.91	15.06	14.78	15.19	16.10
	CP-OFDM 256QAM	1	1	15.35	14.92	15.12	14.92	15.11	16.10

N41-ANT3 LEVEL4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	19.67	19.89	19.88	19.38	19.58	20.60
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	19.82	19.82	19.77	19.55	19.70	20.60
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	19.73	19.65	19.61	19.59	19.68	20.60
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	19.80	19.71	19.61	19.38	19.73	20.60
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	19.78	19.69	19.79	19.45	19.67	20.60
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	19.87	19.70	19.84	19.56	19.67	20.60
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	19.71	19.61	19.86	19.41	19.77	20.60
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.87	**19.89**	**19.89**	19.60	19.77	20.60
		1	137	19.77	19.33	19.58	19.53	19.68	20.60
		1	271	19.81	19.31	19.58	19.34	19.82	20.60
	DFT-s-OFDM BPSK	135	0	19.80	19.64	**19.89**	19.81	19.85	20.60
		135	69	19.78	19.72	19.80	19.79	19.68	20.60
		135	138	19.55	19.27	19.55	19.51	19.63	20.60
	DFT-s-OFDM BPSK	270	0	19.73	19.58	19.73	19.64	19.81	20.60
	DFT-s-OFDM QPSK	1	1	19.55	19.61	19.62	19.47	19.68	20.60
		1	137	19.88	19.68	19.74	19.72	19.89	20.60
		1	271	19.84	19.45	19.71	19.71	19.81	20.60
	DFT-s-OFDM QPSK	135	0	19.71	19.80	19.84	19.59	19.88	20.60
		135	69	19.85	19.71	19.79	19.64	19.71	20.60
		135	138	19.76	19.76	19.89	19.80	19.75	20.60
	DFT-s-OFDM QPSK	270	0	19.56	19.52	19.76	19.62	19.74	20.60
	DFT-s-OFDM 16QAM	1	1	19.60	19.61	19.82	19.62	19.74	20.60
	DFT-s-OFDM 64QAM	1	1	19.67	19.52	19.74	19.68	19.56	20.60
	DFT-s-OFDM 256QAM	1	1	18.71	18.66	18.81	18.79	18.82	19.60
	CP-OFDM QPSK	1	1	19.72	19.75	19.81	19.69	19.82	20.60
	CP-OFDM 16QAM	1	1	19.71	19.59	19.73	19.56	19.81	20.60
	CP-OFDM 64QAM	1	1	19.80	19.68	19.70	19.43	19.87	20.60
	CP-OFDM 256QAM	1	1	16.77	16.51	16.66	16.37	16.88	17.60

N41-ANT3 LEVEL5&6(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	18.07	18.13	18.19	18.03	18.26	19.10
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	18.18	18.20	18.15	18.01	18.24	19.10
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	18.20	18.09	18.28	18.00	18.15	19.10
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	18.05	18.32	18.22	18.26	18.09	19.10
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	18.21	18.24	18.31	18.13	18.10	19.10
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	18.18	18.13	18.31	18.11	18.19	19.10
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	18.22	18.21	18.23	18.15	18.29	19.10
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.31	18.34	**18.35**	18.28	18.34	19.10
		1	137	18.30	17.93	18.16	18.10	18.17	19.10
		1	271	18.13	18.10	18.11	18.06	18.16	19.10
	DFT-s-OFDM BPSK	135	0	18.23	18.14	**18.32**	18.15	18.16	19.10
		135	69	18.30	18.00	18.16	18.05	18.16	19.10
		135	138	18.18	18.05	18.11	18.04	18.28	19.10
	DFT-s-OFDM BPSK	270	0	18.31	17.87	18.10	17.85	18.28	19.10
	DFT-s-OFDM QPSK	1	1	18.11	18.28	18.35	18.32	18.20	19.10
		1	137	18.22	18.12	18.31	18.25	18.17	19.10
		1	271	18.12	18.30	18.34	18.23	18.28	19.10
	DFT-s-OFDM QPSK	135	0	18.12	18.16	18.17	17.97	18.16	19.10
		135	69	18.33	18.16	18.29	18.10	18.31	19.10
		135	138	18.26	18.18	18.26	18.01	18.14	19.10
	DFT-s-OFDM QPSK	270	0	18.33	18.21	18.28	18.14	18.23	19.10
	DFT-s-OFDM 16QAM	1	1	18.34	18.07	18.21	18.12	18.28	19.10
	DFT-s-OFDM 64QAM	1	1	18.29	18.12	18.21	18.16	18.17	19.10
	DFT-s-OFDM 256QAM	1	1	18.32	18.15	18.34	18.21	18.19	19.10
	CP-OFDM QPSK	1	1	18.28	18.04	18.14	17.94	18.28	19.10
	CP-OFDM 16QAM	1	1	18.32	18.06	18.30	18.14	18.13	19.10
	CP-OFDM 64QAM	1	1	18.13	17.94	18.10	18.06	18.17	19.10
	CP-OFDM 256QAM	1	1	16.82	16.55	16.74	16.46	16.83	17.60

N41-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	23.50	23.61	23.66	23.70	23.45	24.70
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	23.49	23.55	23.53	23.60	23.64	24.70
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	23.57	23.60	23.71	23.74	23.52	24.70
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	23.74	23.63	23.62	23.51	23.47	24.70
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	23.56	23.58	23.56	23.67	23.68	24.70
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.66	23.62	23.46	23.58	23.46	24.70
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.49	23.74	23.46	23.60	23.69	24.70
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.74	23.82	**23.88**	23.60	23.77	24.70
		1	137	23.75	23.58	23.85	23.66	23.75	24.70
		1	271	23.65	23.63	23.66	23.63	23.70	24.70
	DFT-s-OFDM BPSK	135	0	23.52	23.82	**23.91**	23.72	23.37	24.70
		135	69	23.75	23.75	23.84	23.69	23.73	24.70
		135	138	23.54	23.46	23.52	23.28	23.63	24.70
	DFT-s-OFDM BPSK	270	0	23.46	23.20	23.26	23.05	23.45	23.70
	DFT-s-OFDM QPSK	1	1	23.85	23.46	23.67	23.48	23.80	24.70
		1	137	23.87	23.68	23.87	23.73	23.61	24.70
		1	271	23.49	23.73	23.82	23.82	23.50	24.70
	DFT-s-OFDM QPSK	135	0	23.56	23.22	23.32	23.09	23.54	24.70
		135	69	23.60	23.57	23.84	23.78	23.86	24.70
		135	138	23.03	22.97	23.19	23	23.14	24.70
	DFT-s-OFDM QPSK	270	0	23.59	22.98	23.08	22.81	23.46	23.70
	DFT-s-OFDM 16QAM	1	1	23.49	23.267	23.387	23.337	23.56	23.70
	DFT-s-OFDM 64QAM	1	1	20.73	20.8	20.92	20.75	21.11	22.20
	DFT-s-OFDM 256QAM	1	1	19.33	19.44	19.5	19.5	19.66	20.20
	CP-OFDM QPSK	1	1	22.31	22.18	22.18	21.96	22.28	23.20
	CP-OFDM 16QAM	1	1	21.74	21.76	21.93	21.84	21.99	22.70
	CP-OFDM 64QAM	1	1	20.34	20.13	20.23	19.99	20.04	21.20
	CP-OFDM 256QAM	1	1	17.39	17.07	17.22	17.09	17.1	18.20

N41-ANT4 LEVEL1&2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	23.50	23.61	23.66	23.70	23.45	24.70
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	23.49	23.55	23.53	23.60	23.64	24.70
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	23.57	23.60	23.71	23.74	23.52	24.70
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	23.74	23.63	23.62	23.51	23.47	24.70
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	23.56	23.58	23.56	23.67	23.68	24.70
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.66	23.62	23.46	23.58	23.46	24.70
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.49	23.74	23.46	23.60	23.69	24.70
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.74	23.82	**23.88**	23.60	23.77	24.70
		1	137	23.75	23.58	23.85	23.66	23.75	24.70
		1	271	23.65	23.63	23.66	23.63	23.70	24.70
	DFT-s-OFDM BPSK	135	0	23.52	23.82	**23.91**	23.72	23.37	24.70
		135	69	23.75	23.75	23.84	23.69	23.73	24.70
		135	138	23.54	23.46	23.52	23.28	23.63	24.70
	DFT-s-OFDM BPSK	270	0	23.46	23.20	23.26	23.05	23.45	23.70
	DFT-s-OFDM QPSK	1	1	23.85	23.46	23.67	23.48	23.80	24.70
		1	137	23.87	23.68	23.87	23.73	23.61	24.70
		1	271	23.49	23.73	23.82	23.82	23.50	24.70
	DFT-s-OFDM QPSK	135	0	23.56	23.22	23.32	23.09	23.54	24.70
		135	69	23.60	23.57	23.84	23.78	23.86	24.70
		135	138	23.03	22.97	23.19	23	23.14	24.70
	DFT-s-OFDM QPSK	270	0	23.59	22.98	23.08	22.81	23.46	23.70
	DFT-s-OFDM 16QAM	1	1	23.49	23.267	23.387	23.337	23.56	23.70
	DFT-s-OFDM 64QAM	1	1	20.73	20.8	20.92	20.75	21.11	22.20
	DFT-s-OFDM 256QAM	1	1	19.33	19.44	19.5	19.5	19.66	20.20
	CP-OFDM QPSK	1	1	22.31	22.18	22.18	21.96	22.28	23.20
	CP-OFDM 16QAM	1	1	21.74	21.76	21.93	21.84	21.99	22.70
	CP-OFDM 64QAM	1	1	20.34	20.13	20.23	19.99	20.04	21.20
	CP-OFDM 256QAM	1	1	17.39	17.07	17.22	17.09	17.1	18.20

N41-ANT4 LEVEL4&5&6(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	21.48	21.34	21.61	21.53	21.40	22.20
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	21.63	21.50	21.46	21.39	21.39	22.20
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	21.39	21.30	21.53	21.31	21.46	22.20
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	21.56	21.21	21.62	21.36	21.42	22.20
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	21.50	21.38	21.61	21.51	21.62	22.20
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	21.56	21.24	21.46	21.51	21.39	22.20
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	21.41	21.39	21.68	21.39	21.45	22.20
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	21.68	21.50	**21.70**	21.58	21.66	22.20
		1	137	21.67	21.43	21.68	21.42	21.64	22.20
		1	271	21.58	21.45	21.54	21.43	21.50	22.20
	DFT-s-OFDM BPSK	135	0	21.68	21.81	**21.88**	21.71	21.80	22.20
		135	69	21.65	21.63	21.78	21.63	21.64	22.20
		135	138	21.50	21.63	21.70	21.52	21.68	22.20
	DFT-s-OFDM BPSK	270	0	21.79	21.55	21.68	21.61	21.52	22.20
	DFT-s-OFDM QPSK	1	1	21.63	21.31	21.58	21.40	21.51	22.20
		1	137	21.65	21.48	21.61	21.49	21.53	22.20
		1	271	21.53	21.50	21.70	21.63	21.70	22.20
	DFT-s-OFDM QPSK	135	0	21.83	21.74	21.80	21.74	21.68	22.20
		135	69	21.47	21.54	21.75	21.53	21.83	22.20
		135	138	21.51	21.63	21.81	21.53	21.98	22.20
	DFT-s-OFDM QPSK	270	0	21.81	21.73	21.78	21.59	21.67	22.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.65	21.82	21.59	21.92	22.20
	DFT-s-OFDM 64QAM	1	1	20.98	20.8	20.9	20.9	20.89	22.20
	DFT-s-OFDM 256QAM	1	1	19.62	19.27	19.52	19.4	19.61	20.20
	CP-OFDM QPSK	1	1	21.68	21.57	21.63	21.47	21.48	22.20
	CP-OFDM 16QAM	1	1	22.05	21.62	21.89	21.66	21.82	22.70
	CP-OFDM 64QAM	1	1	20.08	19.98	20.2	20.04	20.18	21.20
	CP-OFDM 256QAM	1	1	17.22	16.97	17.21	17.21	17.36	18.20