

8 CONDUCTED RF OUTPUT 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 Channel	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
	128	190	251		128	190	251	
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 Channel	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
	512	661	810		512	661	810	
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

BL-SZ2230121-701

LTE B2-Full Power -Ant.3								
Bandwidth (MHz)	RB Size	RB offset	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	
		LOW	Q16	22.39	22.07	22.30	22.80	
		MID	Q16	22.30	22.27	22.50	22.80	
1.4	1	LOW	Q16	22.19	22.22	22.55	22.80	
		MID	Q16	22.35	22.10	22.12	22.80	
		HIGH	Q16	22.42	22.24	22.32	22.80	
	3	LOW	Q16	22.17	22.14	22.30	22.80	
		MID	Q16	20.68	20.71	20.96	21.80	
		HIGH	Q16	21.41	20.81	21.25	21.80	
	1.4	1	LOW	64QAM	21.49	21.35	21.65	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	20.87	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	
		LOW	QPSK	22.53	22.66	22.82	23.80	
		MID	QPSK	22.55	22.85	22.95	23.80	
3	1	LOW	QPSK	22.68	22.70	22.93	23.80	
		MID	QPSK	21.50	21.79	22.18	22.80	
		HIGH	QPSK	21.72	21.72	22.08	22.80	
	8	LOW	QPSK	21.58	21.75	22.12	22.80	
		MID	QPSK	21.59	21.72	21.89	22.80	
		HIGH	QPSK	21.59	21.72	21.89	22.80	
	3	1	LOW	Q16	22.30	22.20	22.22	22.80
			MID	Q16	22.32	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	
		LOW	64QAM	21.22	20.93	21.35	21.80	
		MID	64QAM	21.50	21.28	21.62	21.80	
3	1	LOW	64QAM	21.33	21.29	21.30	21.80	
		MID	64QAM	19.71	19.93	19.80	20.80	
		HIGH	64QAM	19.69	19.72	20.00	20.80	
	8	LOW	64QAM	19.62	19.71	19.83	20.80	
		MID	64QAM	19.74	19.62	19.90	20.80	
		HIGH	64QAM	19.74	19.62	19.90	20.80	
	5	1	LOW	QPSK	22.61	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	
		LOW	Q16	22.37	22.04	22.28	22.80	
		MID	Q16	22.21	22.10	22.37	22.80	
5	1	LOW	Q16	22.40	22.07	22.58	22.80	
		MID	Q16	20.76	20.71	21.09	21.80	
		HIGH	Q16	20.90	20.87	20.76	21.80	
	36	LOW	Q16	20.65	20.72	21.00	21.80	
		MID	Q16	20.84	20.86	21.11	21.80	
		HIGH	Q16	21.20	20.89	21.41	21.80	
	5	1	LOW	64QAM	21.37	21.23	21.49	21.80
			MID	64QAM	21.22	21.18	21.31	21.80
			HIGH	64QAM	19.60	19.85	19.89	20.80
36		LOW	64QAM	19.80	19.75	19.82	20.80	
		MID	64QAM	19.54	19.73	19.95	20.80	
		HIGH	64QAM	19.68	19.68	19.82	20.80	
75		LOW	64QAM	19.68	19.68	19.82	20.80	

LTE B2-Full Power -Ant.3								
Bandwidth (MHz)	RB Size	RB offset	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	19.82	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 offset	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 offset	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 offset	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	16.88	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 offset	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	16.88	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 offset	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	16.85	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 offset	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	16.67	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset 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 offset 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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	20.28	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 offset	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	
		LOW	Q16	19.90	19.91	19.93	20.30	
		MID	Q16	19.88	19.96	19.92	20.30	
1.4	1	HIGH	Q16	20.07	20.05	19.86	20.30	
		LOW	Q16	19.96	19.98	19.92	20.30	
		MID	Q16	19.96	19.94	19.85	20.30	
	3	HIGH	Q16	19.90	19.99	20.06	20.30	
		LOW	Q16	19.61	19.61	19.79	20.30	
		LOW	64QAM	19.84	19.98	19.88	20.30	
	1.4	1	MID	64QAM	19.99	20.05	19.91	20.30
			HIGH	64QAM	19.89	19.97	20.05	20.30
			LOW	64QAM	20.01	19.99	19.87	20.30
3		MID	64QAM	20.03	19.97	20.06	20.30	
		HIGH	64QAM	19.88	19.94	19.94	20.30	
		LOW	64QAM	19.38	19.70	19.59	20.30	
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
	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	
	8	LOW	QPSK	19.32	19.39	19.56	20.30	
		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	
		LOW	Q16	19.60	19.49	19.67	20.30	
		MID	Q16	19.50	19.61	19.46	20.30	
	15	HIGH	Q16	19.47	19.61	19.77	20.30	
		LOW	Q16	19.41	19.52	19.63	20.30	
		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	
		LOW	64QAM	19.55	19.45	19.69	20.30	
3	MID	64QAM	19.68	19.57	19.60	20.30		
	HIGH	64QAM	19.45	19.67	19.87	20.30		
	LOW	64QAM	19.42	19.45	19.76	20.30		
	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
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	
36		LOW	QPSK	19.44	19.55	19.73	20.30	
		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	
		LOW	Q16	19.34	19.56	19.86	20.30	
		MID	Q16	19.42	19.46	19.66	20.30	
75	HIGH	Q16	19.66	19.69	19.65	20.30		
	LOW	Q16	19.42	19.49	19.62	20.30		
	LOW	64QAM	20.02	19.77	20.10	20.30		
	MID	64QAM	19.91	19.55	19.91	20.30		
	HIGH	64QAM	19.92	19.97	19.84	20.30		
	LOW	64QAM	19.49	19.46	19.75	20.30		
5	1	MID	64QAM	19.75	19.56	19.70	20.30	
		HIGH	64QAM	19.57	19.56	19.91	20.30	
		LOW	64QAM	19.40	19.60	19.60	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 offset	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	19.50	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 offset	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 offset	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

BL-SZ2230121-701

LTE B2-Full Power -Ant.4								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

BL-SZ2230121-701

LTE B4-Full Power -Ant.3								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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	22.15	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 offset	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 offset	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 offset	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	22.19	22.25	22.80	
75		LOW	QPSK	22.13	22.34	22.29	22.80	
15		1	LOW	Q16	22.57	22.88	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 offset	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 offset	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	17.42	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	17.55	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 offset	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	17.28	17.80	
15	LOW	64QAM	17.65	17.48	17.10	17.80		
Bandwidth (MHz)	RB Size	RB offset	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	17.65	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	17.66	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 offset	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	17.51	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	17.59	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 offset	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	17.29	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 offset	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 offset	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 offset	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	15.86	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	15.88	16.30	
Bandwidth (MHz)		RB Size	RB offset	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 offset	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	15.56	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 offset	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 offset	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	15.82	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 offset	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 offset	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	21.28	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	20.88	20.74	20.80	
Bandwidth (MHz)		RB Size	RB offset	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	21.28	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 offset	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	20.81	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 offset	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 offset	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 offset	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	20.16	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 offset	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	19.96	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 offset	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 offset	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	19.86	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 offset	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	19.55	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 offset	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	20.06	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

BL-SZ2230121-701

LTE B4-Full Power -Ant.4								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	
		LOW	Q16	21.05	21.06	21.36	21.80	
		MID	Q16	21.01	21.11	21.05	21.80	
1.4	1	HIGH	Q16	21.28	21.01	21.00	21.80	
		LOW	Q16	20.91	21.09	21.38	21.80	
		MID	Q16	21.40	20.96	21.08	21.80	
	3	HIGH	Q16	20.98	21.04	21.18	21.80	
		LOW	Q16	20.82	20.99	21.02	21.80	
		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	
		LOW	QPSK	21.10	20.79	20.82	21.80	
		MID	QPSK	20.75	20.94	20.99	21.80	
3	1	HIGH	QPSK	20.81	21.16	21.09	21.80	
		LOW	QPSK	20.73	21.11	20.88	21.80	
		MID	QPSK	21.08	20.96	21.19	21.80	
	8	HIGH	QPSK	20.90	21.00	21.24	21.80	
		LOW	QPSK	20.85	21.12	21.11	21.80	
		LOW	Q16	21.39	21.10	21.38	21.80	
	3	1	MID	Q16	20.91	21.17	21.17	21.80
			HIGH	Q16	20.93	21.05	21.19	21.80
			LOW	Q16	20.79	20.88	21.03	21.80
8		MID	Q16	21.06	20.89	20.97	21.80	
		HIGH	Q16	20.90	21.17	21.00	21.80	
		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	
		LOW	QPSK	20.88	20.87	21.10	21.80	
		MID	QPSK	21.03	20.96	20.93	21.80	
5	1	HIGH	QPSK	21.02	20.93	21.06	21.80	
		LOW	QPSK	20.83	20.85	21.13	21.80	
		MID	QPSK	21.06	20.82	20.97	21.80	
	36	HIGH	QPSK	20.88	20.93	21.15	21.80	
		LOW	QPSK	20.79	21.15	21.15	21.80	
		LOW	Q16	21.35	21.25	21.11	21.80	
	5	1	MID	Q16	21.17	21.12	21.32	21.80
			HIGH	Q16	21.16	21.12	21.34	21.80
			LOW	Q16	20.78	20.90	21.20	21.80
36		MID	Q16	21.11	21.16	21.24	21.80	
		HIGH	Q16	21.12	21.20	21.01	21.80	
		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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

BL-SZ2230121-701

LTE B5-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.36	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B5-Full Power -Ant.0(Only for ENDC)								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B5-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	
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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B5-Full Power -Ant.1(Only for ENDC)								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B7-Full Power -Ant.3								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

BL-SZ2230121-701

LTE B7-Full Power -Ant.4								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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	
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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	
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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

BL-SZ2230121-701

LTE B7-Full Power -Ant.5(Only for ENDC)								
Bandwidth (MHz)	RB Size	RB offset	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	
		LOW	Q16	22.57	22.90	22.93	23.30	
		MID	Q16	22.62	22.86	22.84	23.30	
5	1	HIGH	Q16	22.94	22.77	22.74	23.30	
		LOW	Q16	21.99	21.86	21.61	22.30	
		MID	Q16	21.83	21.88	21.68	22.30	
	12	HIGH	Q16	21.84	21.78	21.84	22.30	
		LOW	Q16	22.01	21.65	21.72	22.30	
		MID	Q16	21.75	21.93	21.98	22.30	
	5	1	MID	64QAM	21.65	21.67	21.92	22.30
			HIGH	64QAM	21.58	21.59	21.77	22.30
			LOW	64QAM	20.64	20.82	20.85	21.30
12		MID	64QAM	20.58	20.93	20.74	21.30	
		HIGH	64QAM	20.83	20.67	20.83	21.30	
		LOW	64QAM	20.82	20.72	20.64	21.30	
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	
		LOW	Q16	22.77	22.67	22.96	23.30	
		MID	Q16	22.80	22.71	22.79	23.30	
10	1	HIGH	Q16	22.96	22.67	22.81	23.30	
		LOW	Q16	21.83	21.87	21.61	22.30	
		MID	Q16	21.92	21.85	21.64	22.30	
	25	HIGH	Q16	21.99	21.54	21.84	22.30	
		LOW	Q16	22.02	21.71	21.73	22.30	
		MID	Q16	21.77	21.97	21.78	22.30	
	10	1	MID	64QAM	21.83	21.76	21.68	22.30
			HIGH	64QAM	21.73	21.78	21.73	22.30
			LOW	64QAM	20.85	20.60	20.57	21.30
25		MID	64QAM	20.72	20.81	20.83	21.30	
		HIGH	64QAM	20.88	20.74	20.83	21.30	
		LOW	64QAM	20.60	20.77	20.84	21.30	

LTE B7-Full Power -Ant.5(Only for ENDC)								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B7-Full Power -Ant.6(Only for ENDC)								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B12-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	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	
		LOW	Q16	22.62	22.57	23.10	23.80	
		MID	Q16	22.59	22.62	22.85	23.80	
1.4	1	HIGH	Q16	22.75	22.36	22.86	23.80	
		LOW	Q16	22.68	22.64	22.90	23.80	
		MID	Q16	22.78	22.40	22.97	23.80	
	3	HIGH	Q16	22.59	22.62	23.02	23.80	
		LOW	Q16	21.43	21.53	21.68	22.80	
		MID	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	
		LOW	QPSK	23.73	23.55	23.63	24.80	
		MID	QPSK	23.43	23.68	23.50	24.80	
3	1	HIGH	QPSK	23.67	23.61	23.71	24.80	
		LOW	QPSK	22.31	22.66	22.58	23.80	
		MID	QPSK	22.65	22.49	22.69	23.80	
	8	HIGH	QPSK	22.60	22.43	22.44	23.80	
		LOW	QPSK	22.55	22.63	22.80	23.80	
		MID	Q16	22.72	22.44	22.85	23.80	
	3	1	HIGH	Q16	22.53	22.55	22.87	23.80
			LOW	Q16	22.73	22.53	23.11	23.80
			MID	Q16	21.66	21.68	21.70	22.80
8		LOW	Q16	21.81	21.66	21.69	22.80	
		MID	Q16	21.65	21.55	21.68	22.80	
		HIGH	Q16	21.42	21.43	21.67	22.80	
3		1	LOW	Q16	21.42	21.43	21.67	22.80
			LOW	64QAM	21.76	21.68	21.71	22.80
			MID	64QAM	21.92	21.48	22.04	22.80
	8	HIGH	64QAM	21.68	21.45	21.96	22.80	
		LOW	64QAM	20.81	20.32	20.82	21.80	
		MID	64QAM	20.67	20.36	20.69	21.80	
	15	HIGH	64QAM	20.83	20.34	20.69	21.80	
		LOW	64QAM	20.51	20.79	20.71	21.80	
		MID	64QAM	20.51	20.79	20.71	21.80	

LTE B12-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	
		LOW	Q16	23.13	22.97	23.18	23.80	
		MID	Q16	23.14	22.79	23.37	23.80	
1.4	1	HIGH	Q16	23.05	22.85	23.40	23.80	
		LOW	Q16	23.14	22.76	23.14	23.80	
		MID	Q16	23.14	22.71	23.46	23.80	
	3	HIGH	Q16	22.93	23.06	23.31	23.80	
		LOW	Q16	22.03	21.94	22.11	22.80	
		MID	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	
		LOW	QPSK	23.06	22.87	22.98	23.80	
		MID	QPSK	23.03	22.82	22.75	23.80	
3	1	HIGH	QPSK	23.01	22.85	22.93	23.80	
		LOW	QPSK	22.91	22.92	23.09	23.80	
		MID	QPSK	22.99	23.02	22.85	23.80	
	8	HIGH	QPSK	22.83	22.90	22.89	23.80	
		LOW	QPSK	22.78	22.78	23.16	23.80	
		MID	Q16	23.01	22.92	23.26	23.80	
	3	1	HIGH	Q16	23.02	22.97	23.31	23.80
			LOW	Q16	23.00	23.00	23.51	23.80
			MID	Q16	21.82	22.00	22.12	22.80
8		LOW	Q16	22.10	21.81	21.94	22.80	
		MID	Q16	21.95	21.88	22.16	22.80	
		HIGH	Q16	21.95	21.86	21.99	22.80	
3		1	LOW	Q16	22.05	21.86	21.99	22.80
			LOW	64QAM	21.96	21.88	22.25	22.80
			MID	64QAM	22.07	21.85	22.44	22.80
	8	HIGH	64QAM	22.03	22.20	22.35	22.80	
		LOW	64QAM	20.85	21.10	20.92	21.80	
		MID	64QAM	20.95	21.17	20.78	21.80	
	15	HIGH	64QAM	20.85	20.69	21.26	21.80	
		LOW	64QAM	20.96	20.57	20.98	21.80	
		MID	64QAM	20.96	20.57	20.98	21.80	

LTE B12-LEVEL4 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B12-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	
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 offset	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 offset	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 offset	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 offset	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

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LTE B17-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

BL-SZ2230121-701

LTE B17-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B26-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.60	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	
		LOW	Q16	22.48	22.72	22.82	23.80	
		MID	Q16	22.30	22.65	22.75	23.80	
1.4	1	HIGH	Q16	22.27	22.85	22.94	23.80	
		LOW	Q16	22.45	22.75	22.61	23.80	
		MID	Q16	22.29	22.88	22.75	23.80	
	3	HIGH	Q16	22.21	22.77	22.86	23.80	
		LOW	Q16	21.43	21.38	21.25	22.80	
		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	
		LOW	64QAM	20.54	20.69	20.43	21.80	
		LOW	64QAM	20.54	20.69	20.43	21.80	
Bandwidth (MHz)	RB Size	RB offset	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	
		LOW	Q16	22.47	22.72	22.74	23.80	
		MID	Q16	22.24	22.90	22.80	23.80	
3	1	HIGH	Q16	22.38	22.90	22.73	23.80	
		LOW	Q16	21.36	21.45	21.27	22.80	
		MID	Q16	21.51	21.44	21.51	22.80	
	8	HIGH	Q16	21.47	21.40	21.55	22.80	
		LOW	Q16	21.34	21.59	21.46	22.80	
		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	
		LOW	64QAM	20.41	20.66	20.44	21.80	
		LOW	64QAM	20.41	20.66	20.44	21.80	
Bandwidth (MHz)	RB Size	RB offset	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	
		LOW	Q16	22.41	22.70	22.67	23.80	
		MID	Q16	22.39	22.75	22.62	23.80	
5	1	HIGH	Q16	22.21	22.87	22.65	23.80	
		LOW	Q16	21.51	21.52	21.41	22.80	
		MID	Q16	21.56	21.54	21.24	22.80	
	12	HIGH	Q16	21.42	21.45	21.46	22.80	
		LOW	Q16	21.37	21.59	21.26	22.80	
		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	
		LOW	64QAM	20.56	20.53	20.55	21.80	
		LOW	64QAM	20.56	20.53	20.55	21.80	

LTE B26-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B26-Full Power -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

BL-SZ2230121-701

LTE B38-Full Power -Ant.3								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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	
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	
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 offset	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 offset	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 offset	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 offset	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	
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 offset	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 offset	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 offset	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 offset	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	
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 offset	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 offset	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 offset	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 offset	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	
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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B38-Full Power -Ant.4								
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

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LTE B41-Full Power -Ant.3										
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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

BL-SZ2230121-701

LTE B41-Full Power&LEVEL1&2&3 -Ant.4										
Bandwidth (MHz)	RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	

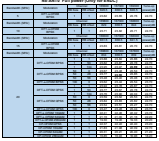
LTE B41-LEVEL 4-Ant.4										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.08	22.98	22.99	22.88	22.94	24.30	
		MID	QPSK	23.14	23.13	22.78	22.68	22.77	24.30	
		HIGH	QPSK	22.93	22.86	23.00	22.82	22.98	24.30	
	36	LOW	QPSK	22.02	21.90	21.87	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 offset	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 offset	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 offset	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 offset	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 offset	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	

Table with 10 columns and 10 rows, containing numerical data. The table is titled "Table 1" and "Table 2" in the first two rows. The data is organized into a grid with alternating shaded cells.

Table 1		Table 2							
Item	Value	Item	Value	Item	Value	Item	Value	Item	Value
1	10	1	10	1	10	1	10	1	10
2	20	2	20	2	20	2	20	2	20
3	30	3	30	3	30	3	30	3	30
4	40	4	40	4	40	4	40	4	40
5	50	5	50	5	50	5	50	5	50
6	60	6	60	6	60	6	60	6	60
7	70	7	70	7	70	7	70	7	70
8	80	8	80	8	80	8	80	8	80
9	90	9	90	9	90	9	90	9	90
10	100	10	100	10	100	10	100	10	100



The image shows a small, dense table with multiple columns and rows. The table is mostly white with a light blue header row. The text within the cells is very small and difficult to read, but it appears to be a structured data table or a form with various fields.

2024-2025 (ESTIMATED) BUDGET

Category	2024	2025
Salaries	1,200,000	1,250,000
Benefits	300,000	315,000
Travel	50,000	55,000
Supplies	100,000	110,000
Utilities	150,000	160,000
Insurance	200,000	210,000
Depreciation	100,000	100,000
Other	50,000	55,000
Total	2,150,000	2,245,000

TABLE 1: SUMMARY OF THE DATA

Year	Q1	Q2	Q3	Q4	Total
2018	100	100	100	100	400
2019	100	100	100	100	400
2020	100	100	100	100	400
2021	100	100	100	100	400
2022	100	100	100	100	400
2023	100	100	100	100	400
2024	100	100	100	100	400
2025	100	100	100	100	400
2026	100	100	100	100	400
2027	100	100	100	100	400
2028	100	100	100	100	400
2029	100	100	100	100	400
2030	100	100	100	100	400
2031	100	100	100	100	400
2032	100	100	100	100	400
2033	100	100	100	100	400
2034	100	100	100	100	400
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2039	100	100	100	100	400
2040	100	100	100	100	400
2041	100	100	100	100	400
2042	100	100	100	100	400
2043	100	100	100	100	400
2044	100	100	100	100	400
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2068	100	100	100	100	400
2069	100	100	100	100	400
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2080	100	100	100	100	400
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2084	100	100	100	100	400
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2089	100	100	100	100	400
2090	100	100	100	100	400
2091	100	100	100	100	400
2092	100	100	100	100	400
2093	100	100	100	100	400
2094	100	100	100	100	400
2095	100	100	100	100	400
2096	100	100	100	100	400
2097	100	100	100	100	400
2098	100	100	100	100	400
2099	100	100	100	100	400
2100	100	100	100	100	400

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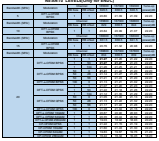
NO.	DESCRIPTION	AMOUNT	CURRENCY	DATE	STATUS
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REMARKS: (PLEASE PRINT CLEARLY)

NO.	DESCRIPTION	QTY	UNIT	AMOUNT
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BL-SZ2230121-701

Item No.	Description	Quantity	Unit	Price	Total
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The image shows a small, dense table with multiple columns and rows. The table is mostly white with a light blue header row. The text within the table is very small and difficult to read, but it appears to be a structured data table or a form with various fields.

NO. 0001 (LIFE) (01/01/2012)	
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TABLE 1.1 - SUMMARY OF INVESTMENT COSTS

Category	Item	Quantity	Unit	Unit Price	Total Cost
Construction	Excavation	100	cubic meters	150	15,000
	Foundation	50	square meters	300	15,000
	Structure	200	square meters	200	40,000
	Roofing	100	square meters	100	10,000
	Interior Finishes	100	square meters	100	10,000
	Exterior Finishes	100	square meters	100	10,000
	Site Work	100	square meters	100	10,000
	Utilities	100	square meters	100	10,000
	Landscaping	100	square meters	100	10,000
	Contingency	100	square meters	100	10,000
Equipment	Excavator	1	hour	10,000	10,000
	Truck	1	hour	5,000	5,000
	Generator	1	hour	2,000	2,000
	Compressor	1	hour	1,000	1,000
	Water Pump	1	hour	1,000	1,000
	Concrete Pump	1	hour	1,000	1,000
	Crane	1	hour	1,000	1,000
	Drill	1	hour	1,000	1,000
	Grader	1	hour	1,000	1,000
	Other	1	hour	1,000	1,000
Professional Fees	Architect	1	hour	10,000	10,000
	Engineer	1	hour	5,000	5,000
	Contractor	1	hour	2,000	2,000
	Inspector	1	hour	1,000	1,000
	Permitting	1	hour	1,000	1,000
	Legal	1	hour	1,000	1,000
	Accounting	1	hour	1,000	1,000
	Insurance	1	hour	1,000	1,000
	Other	1	hour	1,000	1,000
	Miscellaneous	Materials	100	square meters	100
Labor		100	square meters	100	10,000
Overhead		100	square meters	100	10,000
Profit		100	square meters	100	10,000
Contingency		100	square meters	100	10,000
Other		100	square meters	100	10,000
Materials		100	square meters	100	10,000
Labor		100	square meters	100	10,000
Overhead		100	square meters	100	10,000
Profit		100	square meters	100	10,000

REPORT FORM FOR BSC2

NO.	NAME	DATE	TIME	TEST	RESULT	REMARKS
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8.5.2 NR Band7 Output Power

N7-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		507000	507000	515500	Tune-up power(dB)
		RB Size	RB offset				
5	DFT-s-OFDM BPSK	1	1	22.00	22.05	22.26	23.60
		RB Size	RB offset	2400	2505	2585	power(dB)
10	DFT-s-OFDM BPSK	1	1	22.10	22.21	22.31	23.60
		RB Size	RB offset	4000	4200	4300	power(dB)
15	DFT-s-OFDM BPSK	1	1	22.15	22.25	22.35	23.60
		RB Size	RB offset	6000	6300	6500	power(dB)
20	DFT-s-OFDM BPSK	1	1	22.27	21.97	22.26	23.60
		RB Size	RB offset	8000	7800	8000	power(dB)
25	DFT-s-OFDM BPSK	1	1	22.34	22.17	22.20	23.60
		RB Size	RB offset	10000	9500	10000	power(dB)
30	DFT-s-OFDM BPSK	1	1	22.35	22.23	22.32	23.60
		RB Size	RB offset	12000	11400	12000	power(dB)
30	DFT-s-OFDM BPSK	80	0	22.46	22.43	22.52	23.60
		RB Size	RB offset	150	0	150	power(dB)
30	DFT-s-OFDM BPSK	80	40	22.46	22.40	22.63	23.60
		RB Size	RB offset	150	40	150	power(dB)
30	DFT-s-OFDM BPSK	160	0	21.92	22.00	22.03	22.60
		RB Size	RB offset	300	0	300	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.26	22.33	22.16	23.60
		RB Size	RB offset	80	80	80	power(dB)
30	DFT-s-OFDM QPSK	1	158	22.94	22.69	22.50	23.60
		RB Size	RB offset	80	0	21.98	21.97
30	DFT-s-OFDM QPSK	80	40	22.45	22.46	22.68	23.60
		RB Size	RB offset	80	80	22.23	22.23
30	DFT-s-OFDM QPSK	160	0	21.89	21.94	21.91	22.60
		RB Size	RB offset	1	1	21.19	21.18
30	DFT-s-OFDM 16QAM	1	1	19.70	19.60	19.60	21.10
		RB Size	RB offset	1	1	18.71	18.64
30	DFT-s-OFDM 256QAM	1	1	21.94	20.88	20.84	22.10
		RB Size	RB offset	1	1	20.72	20.62
30	CP-OFDM 16QAM	1	1	19.03	18.87	18.94	20.10
		RB Size	RB offset	1	1	18.51	18.00

N7-ANT3 LEVEL1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		RB Size	RB offset	RB offset	RB offset	RB offset	Tune-up		
		RB Size	RB offset								
5	DFT-s-OFDM BPSK	Channel		50000	50700	51500			Tune-up		
		RB Size	RB offset	2500	2500	2500	2500	2500	power(dB)		
		1	1	14.84	15.09	14.85	15.10				
10	DFT-s-OFDM BPSK	Channel		50000	50700	51500			Tune-up		
		RB Size	RB offset	2500	2500	2500	2500	2500	power(dB)		
		1	1	14.80	14.73	14.83	15.10				
15	DFT-s-OFDM BPSK	Channel		50000	50700	51500			Tune-up		
		RB Size	RB offset	2500	2500	2500	2500	2500	power(dB)		
		1	1	14.70	15.03	15.14	15.10				
20	DFT-s-OFDM BPSK	Channel		50000	50700	51500			Tune-up		
		RB Size	RB offset	2500	2500	2500	2500	2500	power(dB)		
		1	1	14.90	14.80	14.91	15.10				
25	DFT-s-OFDM BPSK	Channel		50000	50700	51500			Tune-up		
		RB Size	RB offset	2500	2500	2500	2500	2500	power(dB)		
		1	1	15.21	15.25	15.27	15.10				
30	DFT-s-OFDM BPSK	Channel		50000	50700	51500			Tune-up		
		RB Size	RB offset	2500	2500	2500	2500	2500	power(dB)		
		1	1	15.21	15.25	15.27	15.10				
30	DFT-s-OFDM BPSK	Channel		50000	50700	51500			Tune-up		
		RB Size	RB offset	2500	2500	2500	2500	2500	power(dB)		
				1	1	15.10	15.16	15.11	15.10		
				1	80	15.00	15.00	15.05	15.10		
				1	158	15.00	15.11	15.04	15.10		
				80	0	15.21	15.21	15.20	15.10		
				80	40	15.20	15.11	15.22	15.10		
				80	80	15.10	15.02	15.24	15.10		
				160	0	15.04	15.22	15.21	15.10		
				1	1	14.90	15.03	15.15	15.10		
				1	80	14.90	14.94	15.19	15.10		
				1	158	15.11	15.09	15.01	15.10		
				80	0	15.11	15.13	15.17	15.10		
				80	40	15.32	15.10	15.42	15.10		
				80	80	15.20	15.00	15.15	15.10		
				160	0	15.10	15.21	15.36	15.10		
				1	1	14.96	14.80	14.99	15.10		
				1	1	14.88	14.92	15.01	15.10		
				1	1	15.20	15.46	15.37	15.10		
				1	1	15.10	15.12	14.95	15.10		
		1	1	15.21	15.45	15.47	15.10				
		1	1	15.34	15.16	15.23	15.10				
		1	1	14.95	14.85	14.75	15.10				

N7-ANT3 LEVEL2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		RB Size	RB offset	Channel		RB Size	RB offset	Tune-up power(dB)
		RB Size	RB offset			RB Size	RB offset			
5	DFT-s-OFDM BPSK	Channel		50000	50700	Channel		51500		
		RB Size	RB offset	2925	2935	2975	2985			
		1	1	14.52	14.54	14.49	14.49			15.60
10	DFT-s-OFDM BPSK	Channel		50100	50700	Channel		51500		
		RB Size	RB offset	2925	2935	2975	2985			
		1	1	14.44	14.54	14.37	14.37			15.60
15	DFT-s-OFDM BPSK	Channel		50150	50700	Channel		51500		
		RB Size	RB offset	2975	2985	2982.5	2982.5			
		1	1	14.52	14.61	14.44	14.44			15.60
20	DFT-s-OFDM BPSK	Channel		50200	50700	Channel		51500		
		RB Size	RB offset	2910	2935	2990	2990			
		1	1	14.48	14.48	14.42	14.42			15.60
25	DFT-s-OFDM BPSK	Channel		50250	50700	Channel		51500		
		RB Size	RB offset	2912.5	2935	2977.5	2977.5			
		1	1	14.54	14.63	14.51	14.51			15.60
30	DFT-s-OFDM BPSK	Channel		50300	50700	Channel		51500		
		RB Size	RB offset	2915	2935	2995	2995			
		1	1	14.60	14.69	14.54	14.54			15.60
	DFT-s-OFDM BPSK	1	80	14.67	14.65	14.68	15.60			15.60
		1	158	14.65	14.65	14.62	15.60			15.60
		80	0	14.55	14.61	14.60	15.60			15.60
	DFT-s-OFDM BPSK	80	40	14.71	14.68	14.65	15.60			15.60
		80	80	14.65	14.68	14.62	15.60			15.60
	DFT-s-OFDM BPSK	160	0	14.58	14.71	14.55	15.60			15.60
		1	1	14.60	14.63	14.55	15.60			15.60
	DFT-s-OFDM QPSK	1	80	14.60	14.67	14.68	15.60			15.60
		1	158	14.68	14.65	14.65	15.60			15.60
	DFT-s-OFDM QPSK	80	0	14.55	14.72	14.73	15.60			15.60
		80	40	14.68	14.69	14.67	15.60			15.60
		80	80	14.60	14.61	14.63	15.60			15.60
	DFT-s-OFDM QPSK	160	0	14.30	14.77	14.51	15.60			15.60
	DFT-s-OFDM 16QAM	1	1	14.50	14.58	14.58	15.60			15.60
	DFT-s-OFDM 64QAM	1	1	14.45	14.40	14.48	15.60			15.60
	DFT-s-OFDM 256QAM	1	1	15.10	14.98	15.01	15.60			15.60
	CP-OFDM BPSK	1	1	14.60	14.67	14.62	15.60			15.60
	CP-OFDM 16QAM	1	1	14.75	14.65	14.64	15.60			15.60
	CP-OFDM 64QAM	1	1	14.61	14.67	14.62	15.60			15.60
	CP-OFDM 256QAM	1	1	14.45	14.43	14.53	15.60			15.60

N7-ANT3 LEVEL4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		507000	507000	512500	Tune-up power(dB)
		RB Size	RB offset				
5	DFT-s-OFDM BPSK	1	1	2562.5	2565	2617.5	20.60
		1	1	19.07	19.10	19.17	20.60
10	DFT-s-OFDM BPSK	Channel		511000	507000	512500	power(dB)
		RB Size	RB offset	2565	2565	2565	
10	DFT-s-OFDM BPSK	1	1	19.15	19.33	19.27	20.60
		RB Size	RB offset	2507.5	2505	2502.5	power(dB)
15	DFT-s-OFDM BPSK	Channel		507000	507000	512500	Tune-up
		RB Size	RB offset	2507.5	2505	2502.5	power(dB)
20	DFT-s-OFDM BPSK	Channel		507000	507000	512500	Tune-up
		RB Size	RB offset	2510	2505	2500	power(dB)
25	DFT-s-OFDM BPSK	Channel		505500	507000	512500	Tune-up
		RB Size	RB offset	2512.5	2505	2507.5	power(dB)
30	DFT-s-OFDM BPSK	Channel		1	1	1	power(dB)
		RB Size	RB offset	18.81	19.12	19.26	20.60
30	DFT-s-OFDM BPSK	Channel		503500	507000	512500	Tune-up
		RB Size	RB offset	2515	2505	2507.5	power(dB)
30	DFT-s-OFDM BPSK	Channel		1	1	1	power(dB)
		RB Size	RB offset	19.31	19.35	19.33	20.60
30	DFT-s-OFDM BPSK	1	80	19.27	19.31	19.32	20.60
		1	158	19.27	19.32	19.32	20.60
30	DFT-s-OFDM BPSK	80	0	19.33	19.48	19.38	20.60
		80	40	19.41	19.35	19.32	20.60
30	DFT-s-OFDM BPSK	80	80	19.25	19.41	19.36	20.60
		160	0	19.65	19.48	19.40	20.60
30	DFT-s-OFDM QPSK	1	1	19.25	19.45	19.45	20.60
		1	80	19.14	19.34	19.38	20.60
30	DFT-s-OFDM QPSK	1	158	19.41	19.47	19.29	20.60
		80	0	19.16	19.31	19.22	20.60
30	DFT-s-OFDM QPSK	80	40	19.40	19.30	19.48	20.60
		80	80	19.26	19.25	19.21	20.60
30	DFT-s-OFDM QPSK	160	0	19.41	19.46	19.33	20.60
		1	1	19.16	19.16	19.01	20.60
30	DFT-s-OFDM 16QAM	1	1	19.33	19.23	19.34	20.60
		1	1	17.62	17.78	17.74	18.10
30	DFT-s-OFDM 256QAM	1	1	19.01	19.46	19.00	20.00
		1	1	19.05	19.15	19.07	20.00
30	CP-OFDM 16QAM	1	1	18.17	18.60	18.58	20.10
		1	1	15.17	15.48	15.40	17.10

N7-ANT3 LEVEL5&6(Only for SA)

Bandwidth (MHz)	Modulation	Channel		RB Size	RB offset	RB Size	RB offset	RB Size	RB offset	Tune-up
		RB Size	RB offset							
5	DFT-s-OFDM BPSK	Channel		50000	50700	51500				
		RB Size	RB offset	2952	2935	2917.5				
		1	1	17.17	17.25	17.26	18.60			
10	DFT-s-OFDM BPSK	Channel		50100	50700	51500				
		RB Size	RB offset	2400	2335	2265				
		1	1	16.90	17.00	16.97	18.60			
15	DFT-s-OFDM BPSK	Channel		50150	50700	51500				
		RB Size	RB offset	2917.5	2935	2952.5				
		1	1	17.20	17.25	17.30	18.60			
20	DFT-s-OFDM BPSK	Channel		50200	50700	51500				
		RB Size	RB offset	2910	2935	2950				
		1	1	17.17	17.24	17.31	18.60			
25	DFT-s-OFDM BPSK	Channel		50250	50700	51500				
		RB Size	RB offset	2912.5	2935	2937.5				
		1	1	17.00	17.1	17.24	18.60			
30	DFT-s-OFDM BPSK	Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	17.21	17.24	17.26	18.60			
DFT-s-OFDM BPSK		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	80	17.32	17.22	17.27	18.60			
		1	158	17.25	17.23	17.26	18.60			
		80	0	17.15	17.27	17.27	18.60			
DFT-s-OFDM BPSK		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		80	40	17.20	17.18	17.24	18.60			
		80	80	17.25	17.25	17.27	18.60			
DFT-s-OFDM BPSK		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		160	0	17.14	17.34	17.36	18.60			
		1	1	17.15	17.26	17.15	18.60			
DFT-s-OFDM QPSK		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	80	17.40	17.12	17.16	18.60			
		1	158	17.29	17.29	17.24	18.60			
DFT-s-OFDM QPSK		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		80	0	17.31	17.17	17.15	18.60			
		80	40	17.18	17.18	17.09	18.60			
		80	80	17.16	17.15	17.37	18.60			
DFT-s-OFDM QPSK		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		160	0	17.12	17.42	17.44	18.60			
DFT-s-OFDM 16QAM		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	17.26	17.16	17.10	18.60			
DFT-s-OFDM 16QAM		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	17.33	17.19	17.21	18.60			
DFT-s-OFDM 256QAM		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	17.20	17.23	17.15	18.60			
CP-OFDM BPSK		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	17.46	17.26	17.51	18.60			
CP-OFDM 16QAM		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	17.15	17.33	17.00	18.60			
CP-OFDM 64QAM		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	17.37	17.44	17.31	18.60			
CP-OFDM 256QAM		Channel		50300	50700	51500				
		RB Size	RB offset	2915	2935	2955				
		1	1	15.22	15.21	15.34	17.15			

N7-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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
	DFT-s-OFDM QPSK	1	158	23.43	23.27	23.65	24.20
		80	0	23.21	23.09	22.84	24.20
		80	40	23.31	23.32	23.51	24.20
	DFT-s-OFDM QPSK	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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
	DFT-s-OFDM QPSK	1	158	16.38	16.43	16.30	17.20
		80	0	16.55	16.50	16.40	17.20
		80	40	16.46	16.48	16.60	17.20
	DFT-s-OFDM QPSK	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 power(dB)	
		RB Size	RB offset	2502.5	2535	2567.5		
5	DFT-s-OFDM BPSK	1	1	21.58	21.67	21.78	22.60	
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)	
		RB Size	RB offset	2505	2535	2565		
10	DFT-s-OFDM BPSK	1	1	21.65	21.58	21.76	22.60	
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	21.73	21.61	21.73	22.60	
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	21.52	21.50	21.55	22.60	
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	21.77	21.62	21.69	22.60	
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	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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
		1	1	23.42	23.25	23.62	24.10
		1	53	23.22	23.35	23.51	24.10
	DFT-s-OFDM QPSK	1	104	23.52	23.25	23.51	24.10
		50	0	23.34	23.23	23.27	24.10
		50	28	23.61	23.26	23.27	24.10
	DFT-s-OFDM QPSK	50	56	23.66	23.37	23.43	24.10
		100	0	22.40	22.24	22.34	23.10
		DFT-s-OFDM 16QAM	1	1	22.48	22.44	22.31
	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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
		1	1	16.94	16.89	16.79	18.10
	DFT-s-OFDM QPSK	1	53	17.07	16.70	17.02	18.10
		1	104	16.88	16.97	16.93	18.10
		50	0	16.86	16.60	16.82	18.10
	DFT-s-OFDM QPSK	50	28	16.85	16.79	16.51	18.10
		50	56	16.87	16.61	16.81	18.10
		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	

N38-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	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 offset	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 offset	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 LEVEL1&2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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
		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
	DFT-s-OFDM QPSK	1	271	19.84	19.45	19.71	19.71	19.81	20.60
		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
	DFT-s-OFDM QPSK	135	138	19.76	19.76	19.89	19.80	19.75	20.60
		270	0	19.56	19.52	19.76	19.62	19.74	20.60
		1	1	19.60	19.61	19.82	19.62	19.74	20.60
	DFT-s-OFDM 16QAM	1	1	19.67	19.52	19.74	19.68	19.56	20.60
	DFT-s-OFDM 64QAM	1	1	19.67	18.66	18.81	18.79	18.82	19.60
	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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
		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
	DFT-s-OFDM QPSK	1	271	18.12	18.30	18.34	18.23	18.28	19.10
		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
	DFT-s-OFDM QPSK	135	138	18.26	18.18	18.26	18.01	18.14	19.10
		270	0	18.33	18.21	18.28	18.14	18.23	19.10
		1	1	18.34	18.07	18.21	18.12	18.28	19.10
	DFT-s-OFDM 16QAM	1	1	18.29	18.12	18.21	18.16	18.17	19.10
	DFT-s-OFDM 64QAM	1	1	18.32	18.15	18.34	18.21	18.19	19.10
	DFT-s-OFDM 256QAM	1	1	18.28	18.04	18.14	17.94	18.28	19.10
	CP-OFDM QPSK	1	1	18.32	18.06	18.30	18.14	18.13	19.10
	CP-OFDM 16QAM	1	1	18.13	17.94	18.10	18.06	18.17	19.10
CP-OFDM 64QAM	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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 offset	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	