

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

GSM-Full Power-Ant.4								
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)	32.11	32.09	32.07	33.50	22.92	22.90	22.88	24.31
GPRS (GMSK, 1-Slot)	32.08	32.04	32.30	33.50	22.89	22.85	23.11	24.31
GPRS (GMSK, 2-Slots)	30.98	30.56	30.58	32.00	24.85	24.43	24.45	25.87
GPRS (GMSK, 3-Slots)	29.09	29.32	29.70	30.50	24.67	24.90	25.28	26.08
GPRS (GMSK, 4-Slots)	27.53	27.81	28.00	28.50	23.83	24.17	24.28	25.32
EGPRS (8PSK, 1-Slot)	26.75	27.09	26.79	27.50	17.11	17.38	17.09	18.31
EGPRS (8PSK, 2-Slots)	23.66	23.72	23.66	24.50	17.53	17.59	17.53	18.37
EGPRS (8PSK, 3-Slots)	21.85	21.81	21.65	23.00	17.43	17.39	17.23	18.58
EGPRS (8PSK, 4-Slots)	20.45	20.71	20.38	21.00	17.27	17.53	17.20	17.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.36	29.13	29.28	31.00	19.69	19.42	19.58	21.81
GPRS (GMSK, 1-Slot)	29.21	29.12	29.11	30.50	19.61	19.51	19.50	21.31
GPRS (GMSK, 2-Slots)	27.26	27.56	27.66	29.00	21.13	21.43	21.53	22.87
GPRS (GMSK, 3-Slots)	25.59	25.89	25.92	27.50	21.17	21.47	21.50	23.08
GPRS (GMSK, 4-Slots)	24.29	24.19	24.19	26.00	21.11	21.01	21.01	22.82
EGPRS (8PSK, 1-Slot)	25.04	25.24	25.21	26.50	15.85	16.05	16.02	17.31
EGPRS (8PSK, 2-Slots)	22.34	22.41	22.44	24.00	16.21	16.28	16.31	17.87
EGPRS (8PSK, 3-Slots)	20.32	20.57	20.54	22.20	15.90	16.15	16.12	17.78
EGPRS (8PSK, 4-Slots)	19.05	19.03	19.20	21.00	15.87	15.85	16.02	17.82

GSM-DS11-Ant.4								
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)	30.87	30.95	30.79	32.50	21.15	21.25	21.30	23.31
GPRS (GMSK, 1-Slot)	30.75	30.91	30.83	32.50	21.16	21.32	21.34	23.31
GPRS (GMSK, 2-Slots)	28.62	28.73	28.50	30.50	21.99	22.20	21.87	24.37
GPRS (GMSK, 3-Slots)	27.23	27.07	27.16	29.00	22.81	22.65	22.74	24.58
GPRS (GMSK, 4-Slots)	25.91	26.27	25.32	27.00	20.73	21.09	21.14	23.82
EGPRS (8PSK, 1-Slot)	26.30	26.57	26.28	27.00	15.67	15.60	15.52	17.81
EGPRS (8PSK, 2-Slots)	23.66	23.72	23.66	24.50	15.89	15.48	15.55	18.37
EGPRS (8PSK, 3-Slots)	21.85	21.81	21.65	23.00	15.35	15.37	15.28	18.58
EGPRS (8PSK, 4-Slots)	20.45	20.71	20.38	21.00	15.27	15.23	15.24	17.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	27.75	27.92	27.83	29.50	17.66	17.93	17.91	20.31
GPRS (GMSK, 1-Slot)	27.34	27.71	27.46	29.00	17.70	17.92	17.91	19.81
GPRS (GMSK, 2-Slots)	25.10	25.33	25.05	27.00	18.97	19.20	18.92	20.87
GPRS (GMSK, 3-Slots)	23.70	23.99	23.59	25.50	19.28	19.57	19.17	21.08
GPRS (GMSK, 4-Slots)	22.32	22.19	22.19	24.00	19.14	19.01	19.01	20.82
EGPRS (8PSK, 1-Slot)	25.04	25.24	25.21	26.50	14.55	14.67	14.52	17.31
EGPRS (8PSK, 2-Slots)	22.34	22.41	22.44	24.00	14.36	14.35	14.38	17.87
EGPRS (8PSK, 3-Slots)	20.32	20.57	20.54	22.20	14.09	14.20	14.16	17.78
EGPRS (8PSK, 4-Slots)	19.05	19.03	19.20	21.00	14.02	14.04	14.14	17.82

GSM-DSI2&3-Ant.4								
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)	32.11	32.09	32.07	33.50	22.92	22.90	22.88	24.31
GPRS (GMSK, 1-Slot)	32.08	32.04	32.30	33.50	22.89	22.85	23.11	24.31
GPRS (GMSK, 2-Slots)	30.98	30.56	30.58	32.00	24.85	24.43	24.45	25.87
GPRS (GMSK, 3-Slots)	29.09	29.32	29.70	30.50	24.67	24.90	25.28	26.08
GPRS (GMSK, 4-Slots)	27.53	27.81	28.00	28.50	23.83	24.17	24.28	25.32
EGPRS (8PSK, 1-Slot)	26.75	27.09	26.79	27.50	17.11	17.38	17.09	18.31
EGPRS (8PSK, 2-Slots)	23.66	23.72	23.66	24.50	17.53	17.59	17.53	18.37
EGPRS (8PSK, 3-Slots)	21.85	21.81	21.65	23.00	17.43	17.39	17.23	18.58
EGPRS (8PSK, 4-Slots)	20.45	20.71	20.38	21.00	17.27	17.53	17.20	17.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.36	29.13	29.28	31.00	19.69	19.42	19.58	21.81
GPRS (GMSK, 1-Slot)	29.21	29.12	29.11	30.50	19.61	19.51	19.50	21.31
GPRS (GMSK, 2-Slots)	27.26	27.56	27.66	29.00	21.13	21.43	21.53	22.87
GPRS (GMSK, 3-Slots)	25.59	25.89	25.92	27.50	21.17	21.47	21.50	23.08
GPRS (GMSK, 4-Slots)	24.29	24.19	24.19	26.00	21.11	21.01	21.01	22.82
EGPRS (8PSK, 1-Slot)	25.04	25.24	25.21	26.50	15.85	16.05	16.02	17.31
EGPRS (8PSK, 2-Slots)	22.34	22.41	22.44	24.00	16.21	16.28	16.31	17.87
EGPRS (8PSK, 3-Slots)	20.32	20.57	20.54	22.20	15.90	16.15	16.12	17.78
EGPRS (8PSK, 4-Slots)	19.05	19.03	19.20	21.00	15.87	15.85	16.02	17.82

GSM-DSI4-Ant.4								
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)	32.11	32.09	32.07	33.50	22.92	22.90	22.88	24.31
GPRS (GMSK, 1-Slot)	32.08	32.04	32.30	33.50	22.89	22.85	23.11	24.31
GPRS (GMSK, 2-Slots)	30.98	30.56	30.58	32.00	24.85	24.43	24.45	25.87
GPRS (GMSK, 3-Slots)	29.09	29.32	29.70	30.50	24.67	24.90	25.28	26.08
GPRS (GMSK, 4-Slots)	27.53	27.81	28.00	28.50	23.83	24.17	24.28	25.32
EGPRS (8PSK, 1-Slot)	26.75	27.09	26.79	27.50	17.11	17.38	17.09	18.31
EGPRS (8PSK, 2-Slots)	23.66	23.72	23.66	24.50	17.53	17.59	17.53	18.37
EGPRS (8PSK, 3-Slots)	21.85	21.81	21.65	23.00	17.43	17.39	17.23	18.58
EGPRS (8PSK, 4-Slots)	20.45	20.71	20.38	21.00	17.27	17.53	17.20	17.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	27.75	27.92	27.83	29.50	17.66	17.93	17.91	20.31
GPRS (GMSK, 1-Slot)	27.34	27.71	27.46	29.00	17.70	17.92	17.91	19.81
GPRS (GMSK, 2-Slots)	25.10	25.33	25.05	27.00	18.97	19.20	18.92	20.87
GPRS (GMSK, 3-Slots)	23.70	23.99	23.59	25.50	19.28	19.57	19.17	21.08
GPRS (GMSK, 4-Slots)	22.32	22.19	22.19	24.00	19.14	19.01	19.01	20.82
EGPRS (8PSK, 1-Slot)	25.04	25.24	25.21	26.50	14.55	14.67	14.52	17.31
EGPRS (8PSK, 2-Slots)	22.34	22.41	22.44	24.00	14.36	14.35	14.38	17.87
EGPRS (8PSK, 3-Slots)	20.32	20.57	20.54	22.20	14.09	14.20	14.16	17.78
EGPRS (8PSK, 4-Slots)	19.05	19.03	19.20	21.00	14.02	14.04	14.14	17.82

8.1 GSM Output Power

GSM-Full Power-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.77	32.87	32.94	34.00	23.58	23.68	23.75	24.81
GPRS (GMSK, 1-Slot)	32.71	32.84	33.24	34.00	23.52	23.65	24.05	24.81
GPRS (GMSK, 2-Slots)	30.82	31.02	31.12	32.00	24.69	24.89	24.99	25.87
GPRS (GMSK, 3-Slots)	29.18	29.14	29.28	30.50	24.76	24.72	24.86	26.08
GPRS (GMSK, 4-Slots)	27.20	27.51	27.54	28.50	24.02	24.33	24.36	25.32
EGPRS (8PSK, 1-Slot)	26.56	26.42	26.54	27.50	17.37	17.23	17.35	18.31
EGPRS (8PSK, 2-Slots)	23.90	23.77	23.61	25.00	17.77	17.64	17.48	18.87
EGPRS (8PSK, 3-Slots)	22.14	21.87	21.75	23.20	17.72	17.45	17.33	18.78
EGPRS (8PSK, 4-Slots)	20.68	20.47	20.35	21.50	17.50	17.29	17.17	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.14	29.23	29.19	31.00	19.95	20.04	20.00	21.81
GPRS (GMSK, 1-Slot)	29.14	29.16	29.17	31.00	19.77	19.85	19.90	21.81
GPRS (GMSK, 2-Slots)	27.73	27.94	27.89	29.50	21.60	21.81	21.76	23.37
GPRS (GMSK, 3-Slots)	25.77	25.97	25.88	27.50	21.35	21.55	21.46	23.08
GPRS (GMSK, 4-Slots)	24.48	24.76	24.43	26.00	21.30	21.58	21.25	22.82
EGPRS (8PSK, 1-Slot)	25.65	25.92	25.65	26.80	16.46	16.73	16.46	17.61
EGPRS (8PSK, 2-Slots)	22.97	23.10	22.98	24.00	16.84	16.97	16.85	17.87
EGPRS (8PSK, 3-Slots)	21.27	21.16	21.02	22.20	16.85	16.74	16.60	17.78
EGPRS (8PSK, 4-Slots)	19.56	19.75	19.51	21.00	16.38	16.57	16.33	17.82

GSM-DSI1&2-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)	32.77	32.87	32.94	34.00	23.58	23.68	23.75	24.81
GPRS (GMSK, 1-Slot)	32.71	32.84	33.24	34.00	23.52	23.65	24.05	24.81
GPRS (GMSK, 2-Slots)	30.82	31.02	31.12	32.00	24.69	24.89	24.99	25.87
GPRS (GMSK, 3-Slots)	29.18	29.14	29.28	30.50	24.76	24.72	24.86	26.08
GPRS (GMSK, 4-Slots)	27.20	27.51	27.54	28.50	24.02	24.33	24.36	25.32
EGPRS (8PSK, 1-Slot)	26.56	26.42	26.54	27.50	17.37	17.23	17.35	18.31
EGPRS (8PSK, 2-Slots)	23.90	23.77	23.61	25.00	17.77	17.64	17.48	18.87
EGPRS (8PSK, 3-Slots)	22.14	21.87	21.75	23.20	17.72	17.45	17.33	18.78
EGPRS (8PSK, 4-Slots)	20.68	20.47	20.35	21.50	17.50	17.29	17.17	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.14	29.23	29.19	31.00	19.95	20.04	20.00	21.81
GPRS (GMSK, 1-Slot)	29.14	29.16	29.17	31.00	19.77	19.85	19.90	21.81
GPRS (GMSK, 2-Slots)	27.73	27.94	27.89	29.50	21.60	21.81	21.76	23.37
GPRS (GMSK, 3-Slots)	25.77	25.97	25.88	27.50	21.35	21.55	21.46	23.08
GPRS (GMSK, 4-Slots)	24.48	24.76	24.43	26.00	21.30	21.58	21.25	22.82
EGPRS (8PSK, 1-Slot)	25.65	25.92	25.65	26.80	16.46	16.73	16.46	17.61
EGPRS (8PSK, 2-Slots)	22.97	23.10	22.98	24.00	16.84	16.97	16.85	17.87
EGPRS (8PSK, 3-Slots)	21.27	21.16	21.02	22.20	16.85	16.74	16.60	17.78
EGPRS (8PSK, 4-Slots)	19.56	19.75	19.51	21.00	16.38	16.57	16.33	17.82

GSM-DSI3&4-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)	32.77	32.87	32.94	34.00	23.58	23.68	23.75	24.81
GPRS (GMSK, 1-Slot)	32.71	32.84	33.24	34.00	23.52	23.65	24.05	24.81
GPRS (GMSK, 2-Slots)	30.82	31.02	31.12	32.00	24.69	24.89	24.99	25.87
GPRS (GMSK, 3-Slots)	29.18	29.14	29.28	30.50	24.76	24.72	24.86	26.08
GPRS (GMSK, 4-Slots)	27.20	27.51	27.54	28.50	24.02	24.33	24.36	25.32
EGPRS (8PSK, 1-Slot)	26.56	26.42	26.54	27.50	17.37	17.23	17.35	18.31
EGPRS (8PSK, 2-Slots)	23.90	23.77	23.61	25.00	17.77	17.64	17.48	18.87
EGPRS (8PSK, 3-Slots)	22.14	21.87	21.75	23.20	17.72	17.45	17.33	18.78
EGPRS (8PSK, 4-Slots)	20.68	20.47	20.35	21.50	17.50	17.29	17.17	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.14	29.23	29.19	31.00	18.16	18.30	18.15	21.81
GPRS (GMSK, 1-Slot)	29.14	29.16	29.17	31.00	18.09	18.40	18.26	21.81
GPRS (GMSK, 2-Slots)	26.68	27.00	26.83	28.50	19.55	19.87	19.70	22.37
GPRS (GMSK, 3-Slots)	24.76	25.06	24.97	26.50	19.34	19.64	19.55	22.08
GPRS (GMSK, 4-Slots)	23.49	23.88	23.58	25.00	19.31	19.70	19.40	21.82
EGPRS (8PSK, 1-Slot)	25.65	25.92	25.65	26.80	14.80	14.50	14.32	17.61
EGPRS (8PSK, 2-Slots)	22.97	23.10	22.98	24.00	14.57	14.80	14.70	17.87
EGPRS (8PSK, 3-Slots)	21.27	21.16	21.02	22.20	14.32	14.59	14.35	17.78
EGPRS (8PSK, 4-Slots)	19.56	19.75	19.51	21.00	14.27	14.32	14.16	17.82

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.76	24.00	23.74	25.10
RMC 12.2Kbps	23.81	24.04	23.85	25.10
HSDPA Subtest-1	23.08	23.05	23.10	24.60
HSDPA Subtest-2	23.21	23.07	23.24	24.60
HSDPA Subtest-3	22.63	22.55	22.35	24.10
HSDPA Subtest-4	22.40	22.58	22.53	24.10
DC-HSDPA Subtest-1	22.97	23.09	23.30	24.60
DC-HSDPA Subtest-2	23.41	22.89	23.43	24.60
DC-HSDPA Subtest-3	22.65	22.43	22.28	24.10
DC-HSDPA Subtest-4	22.41	22.72	22.59	24.10
HSUPA Subtest-1	22.75	22.95	23.02	24.60
HSUPA Subtest-2	20.88	21.07	20.94	22.60
HSUPA Subtest-3	22.30	22.14	22.09	23.60
HSUPA Subtest-4	21.04	21.05	21.06	22.60
HSUPA Subtest-5	23.21	23.05	22.90	24.60
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.84	23.70	23.82	25.10
RMC 12.2Kbps	23.84	23.82	23.86	25.10
HSDPA Subtest-1	22.82	22.80	22.95	24.60
HSDPA Subtest-2	22.88	22.85	22.66	24.60
HSDPA Subtest-3	22.32	22.31	22.35	23.60
HSDPA Subtest-4	22.42	22.36	22.28	24.10
DC-HSDPA Subtest-1	22.65	22.75	23.09	24.60
DC-HSDPA Subtest-2	22.94	22.99	22.82	24.60
DC-HSDPA Subtest-3	22.20	22.15	22.30	23.60
DC-HSDPA Subtest-4	22.38	22.29	22.19	24.10
HSUPA Subtest-1	22.79	22.81	22.88	24.60
HSUPA Subtest-2	20.92	20.81	20.83	22.60
HSUPA Subtest-3	22.02	21.84	21.76	23.60
HSUPA Subtest-4	21.10	20.91	20.80	22.60
HSUPA Subtest-5	22.88	22.85	22.78	24.60
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.05	24.17	24.18	25.10
RMC 12.2Kbps	24.07	24.22	24.19	25.10
HSDPA Subtest-1	23.19	23.22	23.40	24.10
HSDPA Subtest-2	23.45	23.28	23.10	24.10
HSDPA Subtest-3	22.99	22.80	22.77	23.10
HSDPA Subtest-4	22.78	22.76	22.68	23.10
DC-HSDPA Subtest-1	23.10	23.37	23.24	24.10
DC-HSDPA Subtest-2	23.52	23.46	23.23	24.10
DC-HSDPA Subtest-3	23.05	22.80	22.92	23.10
DC-HSDPA Subtest-4	22.60	22.63	22.67	23.10
HSUPA Subtest-1	23.16	23.25	23.13	24.10
HSUPA Subtest-2	21.25	21.33	21.15	22.10
HSUPA Subtest-3	22.42	22.25	22.10	23.10
HSUPA Subtest-4	21.14	21.32	21.17	22.10
HSUPA Subtest-5	23.36	23.18	23.31	24.10

WCDMA-DS11-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	18.72	19.06	18.79	20.10
RMC 12.2Kbps	18.81	19.15	18.92	20.10
HSDPA Subtest-1	18.02	18.14	18.17	19.60
HSDPA Subtest-2	18.35	18.17	18.07	19.60
HSDPA Subtest-3	17.61	17.68	17.65	19.10
HSDPA Subtest-4	17.58	17.45	17.53	19.10
DC-HSDPA Subtest-1	17.84	18.16	18.00	19.60
DC-HSDPA Subtest-2	18.30	18.05	18.01	19.60
DC-HSDPA Subtest-3	17.68	17.74	17.84	19.10
DC-HSDPA Subtest-4	17.44	17.53	17.48	19.10
HSUPA Subtest-1	17.97	18.13	18.17	19.60
HSUPA Subtest-2	16.27	16.20	16.18	17.60
HSUPA Subtest-3	17.28	17.17	17.08	18.60
HSUPA Subtest-4	16.27	16.17	16.32	17.60
HSUPA Subtest-5	17.92	18.12	18.02	19.60
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	18.14	18.33	18.35	19.60
RMC 12.2Kbps	18.25	18.37	18.36	19.60
HSDPA Subtest-1	17.14	17.33	17.32	19.10
HSDPA Subtest-2	17.51	17.38	17.48	19.10
HSDPA Subtest-3	16.93	16.87	16.86	18.10
HSDPA Subtest-4	16.77	16.88	16.89	18.60
DC-HSDPA Subtest-1	17.13	17.39	17.42	19.10
DC-HSDPA Subtest-2	17.45	17.55	17.53	19.10
DC-HSDPA Subtest-3	17.11	16.80	16.80	18.10
DC-HSDPA Subtest-4	16.94	16.96	16.88	18.60
HSUPA Subtest-1	17.52	17.36	17.25	19.10
HSUPA Subtest-2	15.42	15.40	15.39	17.10
HSUPA Subtest-3	16.20	16.33	16.47	18.10
HSUPA Subtest-4	15.59	15.44	15.54	17.10
HSUPA Subtest-5	17.52	17.33	17.21	19.10
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.01	22.22	22.06	23.10
RMC 12.2Kbps	22.07	22.22	22.17	23.10
HSDPA Subtest-1	21.35	21.24	21.09	22.10
HSDPA Subtest-2	21.25	21.26	21.30	22.10
HSDPA Subtest-3	20.78	20.76	20.85	21.10
HSDPA Subtest-4	20.86	20.74	20.74	21.10
DC-HSDPA Subtest-1	21.49	21.09	21.28	22.10
DC-HSDPA Subtest-2	21.21	21.28	21.41	22.10
DC-HSDPA Subtest-3	20.73	20.62	20.85	21.10
DC-HSDPA Subtest-4	20.90	20.87	20.79	21.10
HSUPA Subtest-1	21.11	21.25	21.22	22.10
HSUPA Subtest-2	19.26	19.26	19.43	20.10
HSUPA Subtest-3	20.14	20.17	20.10	21.10
HSUPA Subtest-4	19.05	19.21	19.35	20.10
HSUPA Subtest-5	21.17	21.20	21.03	22.10

WCDMA-DSI2&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	23.76	24.00	23.74	25.10
RMC 12.2Kbps	23.81	24.04	23.85	25.10
HSDPA Subtest-1	23.08	23.05	23.10	24.60
HSDPA Subtest-2	23.21	23.07	23.24	24.60
HSDPA Subtest-3	22.63	22.55	22.35	24.10
HSDPA Subtest-4	22.40	22.58	22.53	24.10
DC-HSDPA Subtest-1	22.97	23.09	23.30	24.60
DC-HSDPA Subtest-2	23.41	22.89	23.43	24.60
DC-HSDPA Subtest-3	22.65	22.43	22.28	24.10
DC-HSDPA Subtest-4	22.41	22.72	22.59	24.10
HSUPA Subtest-1	22.75	22.95	23.02	24.60
HSUPA Subtest-2	20.88	21.07	20.94	22.60
HSUPA Subtest-3	22.30	22.14	22.09	23.60
HSUPA Subtest-4	21.04	21.05	21.06	22.60
HSUPA Subtest-5	23.21	23.05	22.90	24.60
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.84	23.70	23.82	25.10
RMC 12.2Kbps	23.84	23.82	23.86	25.10
HSDPA Subtest-1	22.82	22.80	22.95	24.60
HSDPA Subtest-2	22.88	22.85	22.66	24.60
HSDPA Subtest-3	22.32	22.31	22.35	23.60
HSDPA Subtest-4	22.42	22.36	22.28	24.10
DC-HSDPA Subtest-1	22.65	22.75	23.09	24.60
DC-HSDPA Subtest-2	22.94	22.99	22.82	24.60
DC-HSDPA Subtest-3	22.20	22.15	22.30	23.60
DC-HSDPA Subtest-4	22.38	22.29	22.19	24.10
HSUPA Subtest-1	22.79	22.81	22.88	24.60
HSUPA Subtest-2	20.92	20.81	20.83	22.60
HSUPA Subtest-3	22.02	21.84	21.76	23.60
HSUPA Subtest-4	21.10	20.91	20.80	22.60
HSUPA Subtest-5	22.88	22.85	22.78	24.60
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.05	24.17	24.18	25.10
RMC 12.2Kbps	24.07	24.22	24.19	25.10
HSDPA Subtest-1	23.19	23.22	23.40	24.10
HSDPA Subtest-2	23.45	23.28	23.10	24.10
HSDPA Subtest-3	22.99	22.80	22.77	23.10
HSDPA Subtest-4	22.78	22.76	22.68	23.10
DC-HSDPA Subtest-1	23.10	23.37	23.24	24.10
DC-HSDPA Subtest-2	23.52	23.46	23.23	24.10
DC-HSDPA Subtest-3	23.05	22.80	22.92	23.10
DC-HSDPA Subtest-4	22.60	22.63	22.67	23.10
HSUPA Subtest-1	23.16	23.25	23.13	24.10
HSUPA Subtest-2	21.25	21.33	21.15	22.10
HSUPA Subtest-3	22.42	22.25	22.10	23.10
HSUPA Subtest-4	21.14	21.32	21.17	22.10
HSUPA Subtest-5	23.36	23.18	23.31	24.10

WCDMA-DS14-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	17.63	17.97	17.65	19.10
RMC 12.2Kbps	17.66	18.01	17.76	19.10
HSDPA Subtest-1	16.94	16.99	16.99	18.60
HSDPA Subtest-2	17.20	17.03	16.89	18.60
HSDPA Subtest-3	16.36	16.50	16.34	18.10
HSDPA Subtest-4	16.65	16.50	16.45	18.10
DC-HSDPA Subtest-1	16.74	17.06	16.83	18.60
DC-HSDPA Subtest-2	17.12	16.85	16.91	18.60
DC-HSDPA Subtest-3	16.50	16.34	16.33	18.10
DC-HSDPA Subtest-4	16.69	16.52	16.61	18.10
HSUPA Subtest-1	17.08	16.95	17.11	18.60
HSUPA Subtest-2	15.11	15.03	15.05	16.60
HSUPA Subtest-3	16.11	16.07	15.90	17.60
HSUPA Subtest-4	14.82	14.99	15.11	16.60
HSUPA Subtest-5	17.06	16.91	16.76	18.60
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.55	17.66	17.77	19.10
RMC 12.2Kbps	17.68	17.74	17.77	19.10
HSDPA Subtest-1	16.63	16.72	16.88	18.60
HSDPA Subtest-2	16.79	16.74	16.92	18.60
HSDPA Subtest-3	16.30	16.23	16.17	17.60
HSDPA Subtest-4	16.27	16.25	16.14	18.10
DC-HSDPA Subtest-1	16.62	16.85	16.85	18.60
DC-HSDPA Subtest-2	16.62	16.70	16.81	18.60
DC-HSDPA Subtest-3	16.43	16.30	16.01	17.60
DC-HSDPA Subtest-4	16.45	16.20	16.15	18.10
HSUPA Subtest-1	16.73	16.78	16.90	18.60
HSUPA Subtest-2	14.96	14.80	14.94	16.60
HSUPA Subtest-3	15.94	15.78	15.94	17.60
HSUPA Subtest-4	14.78	14.75	14.66	16.60
HSUPA Subtest-5	16.76	16.73	16.77	18.60
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.05	23.06	23.06	24.10
RMC 12.2Kbps	23.05	23.17	23.12	24.10
HSDPA Subtest-1	22.21	22.18	22.33	23.10
HSDPA Subtest-2	22.37	22.22	22.12	23.10
HSDPA Subtest-3	21.58	21.75	21.76	22.10
HSDPA Subtest-4	21.52	21.70	21.80	22.10
DC-HSDPA Subtest-1	22.34	22.14	22.16	23.10
DC-HSDPA Subtest-2	22.47	22.20	22.24	23.10
DC-HSDPA Subtest-3	21.64	21.71	21.95	22.10
DC-HSDPA Subtest-4	21.61	21.64	21.73	22.10
HSUPA Subtest-1	22.41	22.23	22.10	23.10
HSUPA Subtest-2	20.25	20.22	20.21	21.10
HSUPA Subtest-3	21.20	21.26	21.19	22.10
HSUPA Subtest-4	20.00	20.16	20.03	21.10
HSUPA Subtest-5	22.28	22.17	22.36	23.10

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.20	24.61	24.41	25.50
RMC 12.2Kbps	24.22	24.66	24.42	25.50
HSDPA Subtest-1	23.69	23.63	23.49	25.00
HSDPA Subtest-2	23.74	23.66	23.85	25.00
HSDPA Subtest-3	22.98	23.14	23.20	24.50
HSDPA Subtest-4	22.91	23.11	23.23	24.50
DC-HSDPA Subtest-1	23.59	23.58	23.51	25.00
DC-HSDPA Subtest-2	23.73	23.70	23.93	25.00
DC-HSDPA Subtest-3	22.90	23.24	23.07	24.50
DC-HSDPA Subtest-4	23.11	23.14	23.03	24.50
HSUPA Subtest-1	23.50	23.64	23.52	25.00
HSUPA Subtest-2	21.46	21.61	21.65	23.00
HSUPA Subtest-3	22.89	22.69	22.61	24.00
HSUPA Subtest-4	21.89	21.71	21.65	23.00
HSUPA Subtest-5	23.44	23.62	23.46	25.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.17	24.31	24.28	25.50
RMC 12.2Kbps	24.32	24.31	24.35	25.50
HSDPA Subtest-1	23.46	23.30	23.35	25.00
HSDPA Subtest-2	23.36	23.30	23.20	25.00
HSDPA Subtest-3	22.94	22.85	22.86	24.00
HSDPA Subtest-4	22.68	22.83	22.93	24.50
DC-HSDPA Subtest-1	23.42	23.43	23.45	25.00
DC-HSDPA Subtest-2	23.20	23.49	23.15	25.00
DC-HSDPA Subtest-3	22.88	22.73	22.75	24.00
DC-HSDPA Subtest-4	22.78	22.86	22.99	24.50
HSUPA Subtest-1	23.11	23.29	23.20	25.00
HSUPA Subtest-2	21.09	21.22	21.19	23.00
HSUPA Subtest-3	22.35	22.35	22.51	24.00
HSUPA Subtest-4	21.55	21.38	21.38	23.00
HSUPA Subtest-5	23.46	23.27	23.25	25.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.32	24.46	24.36	25.50
RMC 12.2Kbps	24.37	24.52	24.50	25.50
HSDPA Subtest-1	23.34	23.52	23.38	24.50
HSDPA Subtest-2	23.55	23.56	23.59	24.50
HSDPA Subtest-3	23.04	23.11	23.20	23.50
HSDPA Subtest-4	22.88	23.06	22.99	23.50
DC-HSDPA Subtest-1	23.46	23.66	23.55	24.50
DC-HSDPA Subtest-2	23.75	23.55	23.68	24.50
DC-HSDPA Subtest-3	22.98	23.07	23.27	23.50
DC-HSDPA Subtest-4	22.93	23.21	22.86	23.50
HSUPA Subtest-1	23.39	23.54	23.47	24.50
HSUPA Subtest-2	21.46	21.48	21.30	22.50
HSUPA Subtest-3	22.55	22.47	22.60	23.50
HSUPA Subtest-4	21.63	21.58	21.58	22.50
HSUPA Subtest-5	23.57	23.47	23.33	24.50

WCDMA-DS1&2-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.20	24.61	24.41	25.50
RMC 12.2Kbps	24.22	24.66	24.42	25.50
HSDPA Subtest-1	23.69	23.63	23.49	25.00
HSDPA Subtest-2	23.74	23.66	23.85	25.00
HSDPA Subtest-3	22.98	23.14	23.20	24.50
HSDPA Subtest-4	22.91	23.11	23.23	24.50
DC-HSDPA Subtest-1	23.59	23.58	23.51	25.00
DC-HSDPA Subtest-2	23.73	23.70	23.93	25.00
DC-HSDPA Subtest-3	22.90	23.24	23.07	24.50
DC-HSDPA Subtest-4	23.11	23.14	23.03	24.50
HSUPA Subtest-1	23.50	23.64	23.52	25.00
HSUPA Subtest-2	21.46	21.61	21.65	23.00
HSUPA Subtest-3	22.89	22.69	22.61	24.00
HSUPA Subtest-4	21.89	21.71	21.65	23.00
HSUPA Subtest-5	23.44	23.62	23.46	25.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.17	24.31	24.28	25.50
RMC 12.2Kbps	24.32	24.31	24.35	25.50
HSDPA Subtest-1	23.46	23.30	23.35	25.00
HSDPA Subtest-2	23.36	23.30	23.20	25.00
HSDPA Subtest-3	22.94	22.85	22.86	24.00
HSDPA Subtest-4	22.68	22.83	22.93	24.50
DC-HSDPA Subtest-1	23.42	23.43	23.45	25.00
DC-HSDPA Subtest-2	23.20	23.49	23.15	25.00
DC-HSDPA Subtest-3	22.88	22.73	22.75	24.00
DC-HSDPA Subtest-4	22.78	22.86	22.99	24.50
HSUPA Subtest-1	23.11	23.29	23.20	25.00
HSUPA Subtest-2	21.09	21.22	21.19	23.00
HSUPA Subtest-3	22.35	22.35	22.51	24.00
HSUPA Subtest-4	21.55	21.38	21.38	23.00
HSUPA Subtest-5	23.46	23.27	23.25	25.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.32	24.46	24.36	25.50
RMC 12.2Kbps	24.37	24.52	24.50	25.50
HSDPA Subtest-1	23.34	23.52	23.38	24.50
HSDPA Subtest-2	23.55	23.56	23.59	24.50
HSDPA Subtest-3	23.04	23.11	23.20	23.50
HSDPA Subtest-4	22.88	23.06	22.99	23.50
DC-HSDPA Subtest-1	23.46	23.66	23.55	24.50
DC-HSDPA Subtest-2	23.75	23.55	23.68	24.50
DC-HSDPA Subtest-3	22.98	23.07	23.27	23.50
DC-HSDPA Subtest-4	22.93	23.21	22.86	23.50
HSUPA Subtest-1	23.39	23.54	23.47	24.50
HSUPA Subtest-2	21.46	21.48	21.30	22.50
HSUPA Subtest-3	22.55	22.47	22.60	23.50
HSUPA Subtest-4	21.63	21.58	21.58	22.50
HSUPA Subtest-5	23.57	23.47	23.33	24.50

WCDMA-DSI3&4-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	21.08	21.50	21.29	22.50
RMC 12.2Kbps	21.20	21.63	21.39	22.50
HSDPA Subtest-1	20.51	20.62	20.54	22.00
HSDPA Subtest-2	20.72	20.60	20.62	22.00
HSDPA Subtest-3	19.91	20.09	20.03	21.50
HSDPA Subtest-4	20.13	20.11	20.14	21.50
DC-HSDPA Subtest-1	20.32	20.53	20.68	22.00
DC-HSDPA Subtest-2	20.80	20.72	20.82	22.00
DC-HSDPA Subtest-3	20.07	19.89	20.09	21.50
DC-HSDPA Subtest-4	20.12	20.03	20.16	21.50
HSUPA Subtest-1	20.51	20.69	20.81	22.00
HSUPA Subtest-2	18.63	18.65	18.69	20.00
HSUPA Subtest-3	19.79	19.63	19.50	21.00
HSUPA Subtest-4	18.59	18.61	18.57	20.00
HSUPA Subtest-5	20.70	20.60	20.49	22.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.72	20.64	20.75	22.00
RMC 12.2Kbps	20.77	20.79	20.79	22.00
HSDPA Subtest-1	19.91	19.78	19.90	21.50
HSDPA Subtest-2	19.86	19.78	19.90	21.50
HSDPA Subtest-3	19.40	19.27	19.25	20.50
HSDPA Subtest-4	19.16	19.31	19.34	21.00
DC-HSDPA Subtest-1	19.92	19.58	19.83	21.50
DC-HSDPA Subtest-2	19.97	19.76	19.78	21.50
DC-HSDPA Subtest-3	19.42	19.20	19.13	20.50
DC-HSDPA Subtest-4	19.10	19.24	19.50	21.00
HSUPA Subtest-1	19.66	19.77	19.67	21.50
HSUPA Subtest-2	17.84	17.83	17.75	19.50
HSUPA Subtest-3	18.64	18.81	18.94	20.50
HSUPA Subtest-4	17.84	17.84	17.83	19.50
HSUPA Subtest-5	19.86	19.80	19.98	21.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.32	24.46	24.36	25.50
RMC 12.2Kbps	24.37	24.52	24.50	25.50
HSDPA Subtest-1	23.34	23.52	23.38	24.50
HSDPA Subtest-2	23.55	23.56	23.59	24.50
HSDPA Subtest-3	23.04	23.11	23.20	23.50
HSDPA Subtest-4	22.88	23.06	22.99	23.50
DC-HSDPA Subtest-1	23.46	23.66	23.55	24.50
DC-HSDPA Subtest-2	23.75	23.55	23.68	24.50
DC-HSDPA Subtest-3	22.98	23.07	23.27	23.50
DC-HSDPA Subtest-4	22.93	23.21	22.86	23.50
HSUPA Subtest-1	23.39	23.54	23.47	24.50
HSUPA Subtest-2	21.46	21.48	21.30	22.50
HSUPA Subtest-3	22.55	22.47	22.60	23.50
HSUPA Subtest-4	21.63	21.58	21.58	22.50
HSUPA Subtest-5	23.57	23.47	23.33	24.50

8.3.1 LTE Band2 Output Power

BL-SZ2270591-701

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	23.75	24.00	24.16	25.10
		MID	QPSK	23.86	24.39	23.93	25.10
		HIGH	QPSK	23.97	24.37	23.68	25.10
	3	LOW	QPSK	23.88	24.04	24.16	25.10
		MID	QPSK	23.89	24.21	23.94	25.10
		HIGH	QPSK	24.18	24.29	23.59	25.10
6	LOW	QPSK	22.88	23.22	22.95	24.10	
1.4	1	LOW	Q16	23.23	23.67	23.60	24.10
		MID	Q16	23.28	23.86	23.52	24.10
		HIGH	Q16	23.45	23.71	23.15	24.10
	3	LOW	Q16	23.11	23.60	23.34	24.10
		MID	Q16	23.26	23.70	23.25	24.10
		HIGH	Q16	23.42	23.78	23.22	24.10
6	LOW	Q16	22.06	22.55	22.18	23.10	
1.4	1	LOW	64QAM	21.95	22.61	22.50	23.10
		MID	64QAM	22.34	22.91	22.36	23.10
		HIGH	64QAM	22.70	22.83	22.10	23.10
	3	LOW	64QAM	22.08	22.83	22.59	23.10
		MID	64QAM	22.29	22.67	22.51	23.10
		HIGH	64QAM	22.53	22.90	22.11	23.10
6	LOW	64QAM	21.06	21.32	20.99	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.84	24.25	24.16	25.10
		MID	QPSK	23.81	24.30	24.16	25.10
		HIGH	QPSK	24.08	24.25	23.67	25.10
	8	LOW	QPSK	23.04	23.35	23.10	24.10
		MID	QPSK	23.02	23.43	23.05	24.10
		HIGH	QPSK	23.10	23.40	22.91	24.10
15	LOW	QPSK	22.98	23.10	23.18	24.10	
3	1	LOW	Q16	23.00	23.68	23.55	24.10
		MID	Q16	23.45	23.80	23.46	24.10
		HIGH	Q16	23.49	23.68	23.17	24.10
	8	LOW	Q16	21.98	22.26	22.20	23.10
		MID	Q16	22.14	22.50	22.24	23.10
		HIGH	Q16	22.00	22.33	21.98	23.10
15	LOW	Q16	21.89	22.51	22.19	23.10	
3	1	LOW	64QAM	22.01	22.80	22.47	23.10
		MID	64QAM	22.30	22.70	22.40	23.10
		HIGH	64QAM	22.72	22.93	22.23	23.10
	8	LOW	64QAM	21.16	21.29	21.17	22.10
		MID	64QAM	20.80	21.18	21.17	22.10
		HIGH	64QAM	21.16	21.34	21.07	22.10
15	LOW	64QAM	21.19	21.29	21.15	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.74	24.22	24.26	25.10
		MID	QPSK	23.86	24.16	24.07	25.10
		HIGH	QPSK	24.14	24.16	23.61	25.10
	36	LOW	QPSK	22.81	23.23	23.08	24.10
		MID	QPSK	23.02	23.21	22.94	24.10
		HIGH	QPSK	23.12	23.23	23.19	24.10
75	LOW	QPSK	23.06	23.20	22.98	24.10	
5	1	LOW	Q16	23.18	23.80	23.53	24.10
		MID	Q16	23.40	23.90	23.53	24.10
		HIGH	Q16	23.33	23.84	23.02	24.10
	36	LOW	Q16	22.06	22.34	22.14	23.10
		MID	Q16	21.89	22.47	22.27	23.10
		HIGH	Q16	22.00	22.42	21.98	23.10
75	LOW	Q16	22.11	22.28	22.11	23.10	
5	1	LOW	64QAM	22.00	22.68	22.42	23.10
		MID	64QAM	22.49	22.75	22.52	23.10
		HIGH	64QAM	22.73	22.83	22.27	23.10
	36	LOW	64QAM	21.17	21.09	21.36	22.10
		MID	64QAM	20.92	21.26	21.15	22.10
		HIGH	64QAM	21.12	21.19	21.12	22.10
75	LOW	64QAM	21.10	21.17	21.00	22.10	

LTE B2-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.70	24.25	24.26	25.10
		MID	QPSK	23.71	24.14	24.01	25.10
		HIGH	QPSK	23.88	24.17	23.87	25.10
	50	LOW	QPSK	22.92	23.19	23.08	24.10
		MID	QPSK	22.86	23.36	22.95	24.10
		HIGH	QPSK	23.15	23.31	22.98	24.10
	100	LOW	QPSK	22.85	23.18	23.07	24.10
10	1	LOW	Q16	23.17	23.76	23.31	24.10
		MID	Q16	23.20	23.68	23.29	24.10
		HIGH	Q16	23.31	23.89	23.11	24.10
	50	LOW	Q16	22.10	22.48	22.14	23.10
		MID	Q16	21.96	22.44	22.05	23.10
		HIGH	Q16	22.18	22.48	22.06	23.10
	100	LOW	Q16	22.04	22.53	22.20	23.10
10	1	LOW	64QAM	22.16	22.82	22.56	23.10
		MID	64QAM	22.49	22.76	22.54	23.10
		HIGH	64QAM	22.51	23.03	22.10	23.10
	50	LOW	64QAM	21.04	21.19	21.39	22.10
		MID	64QAM	20.88	21.46	21.13	22.10
		HIGH	64QAM	21.15	21.26	20.98	22.10
	100	LOW	64QAM	21.11	21.23	21.07	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	24.12	24.13	25.10
		MID	QPSK	23.86	24.13	23.92	25.10
		HIGH	QPSK	24.06	24.13	23.80	25.10
	36	LOW	QPSK	23.01	23.11	23.02	24.10
		MID	QPSK	23.08	23.33	23.22	24.10
		HIGH	QPSK	22.95	23.13	23.09	24.10
	75	LOW	QPSK	22.89	23.21	23.08	24.10
15	1	LOW	Q16	23.00	23.67	23.36	24.10
		MID	Q16	23.15	23.93	23.52	24.10
		HIGH	Q16	23.40	23.83	23.32	24.10
	36	LOW	Q16	22.00	22.31	22.08	23.10
		MID	Q16	21.96	22.42	22.20	23.10
		HIGH	Q16	22.01	22.30	22.24	23.10
	75	LOW	Q16	22.10	22.51	22.14	23.10
15	1	LOW	64QAM	22.08	22.78	22.31	23.10
		MID	64QAM	22.28	22.83	22.38	23.10
		HIGH	64QAM	22.74	22.81	22.21	23.10
	36	LOW	64QAM	21.08	21.12	21.36	22.10
		MID	64QAM	20.88	21.28	21.12	22.10
		HIGH	64QAM	21.33	21.16	20.87	22.10
	75	LOW	64QAM	21.02	21.36	20.92	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.73	24.12	24.11	25.10
		MID	QPSK	23.86	24.27	24.04	25.10
		HIGH	QPSK	24.03	24.22	23.74	25.10
	50	LOW	QPSK	22.89	23.24	23.15	24.10
		MID	QPSK	22.96	23.31	23.07	24.10
		HIGH	QPSK	23.06	23.28	23.06	24.10
	100	LOW	QPSK	22.93	23.19	23.04	24.10
20	1	LOW	Q16	23.14	23.65	23.46	24.10
		MID	Q16	23.30	23.78	23.40	24.10
		HIGH	Q16	23.45	23.74	23.17	24.10
	50	LOW	Q16	21.96	22.36	22.21	23.10
		MID	Q16	22.03	22.42	22.20	23.10
		HIGH	Q16	22.15	22.37	22.13	23.10
	100	LOW	Q16	21.98	22.41	22.13	23.10
20	1	LOW	64QAM	22.10	22.76	22.44	23.10
		MID	64QAM	22.38	22.79	22.43	23.10
		HIGH	64QAM	22.60	22.88	22.18	23.10
	50	LOW	64QAM	21.04	21.22	21.25	22.10
		MID	64QAM	20.90	21.32	21.21	22.10
		HIGH	64QAM	21.27	21.30	20.99	22.10
	100	LOW	64QAM	21.09	21.28	21.06	22.10

LTE B2-DSI1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.52	19.07	18.95	20.10
		MID	QPSK	18.88	19.25	19.07	20.10
		HIGH	QPSK	18.99	19.22	19.01	20.10
	3	LOW	QPSK	18.68	18.93	18.89	20.10
		MID	QPSK	18.89	19.20	19.00	20.10
		HIGH	QPSK	18.80	19.28	18.93	20.10
6	LOW	QPSK	18.98	19.31	19.04	20.10	
1.4	1	LOW	Q16	19.16	19.77	19.50	20.10
		MID	Q16	19.24	19.99	19.36	20.10
		HIGH	Q16	19.35	19.73	19.50	20.10
	3	LOW	Q16	19.33	19.73	19.65	20.10
		MID	Q16	19.36	19.71	19.62	20.10
		HIGH	Q16	19.51	19.64	19.52	20.10
6	LOW	Q16	19.16	19.47	19.12	20.10	
1.4	1	LOW	64QAM	19.10	19.86	19.50	20.10
		MID	64QAM	19.52	19.87	19.31	20.10
		HIGH	64QAM	19.31	19.68	19.50	20.10
	3	LOW	64QAM	19.21	19.66	19.66	20.10
		MID	64QAM	19.52	19.82	19.30	20.10
		HIGH	64QAM	19.44	19.91	19.47	20.10
6	LOW	64QAM	19.14	19.16	19.05	20.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.54	18.99	19.06	20.10
		MID	QPSK	18.66	19.33	19.06	20.10
		HIGH	QPSK	19.03	18.99	19.02	20.10
	8	LOW	QPSK	18.93	19.16	18.97	20.10
		MID	QPSK	18.91	19.37	19.15	20.10
		HIGH	QPSK	19.11	19.14	18.96	20.10
15	LOW	QPSK	18.98	19.12	19.14	20.10	
3	1	LOW	Q16	19.18	19.60	19.49	20.10
		MID	Q16	19.51	19.85	19.44	20.10
		HIGH	Q16	19.33	19.67	19.56	20.10
	8	LOW	Q16	18.84	19.45	19.22	20.10
		MID	Q16	18.97	19.49	19.12	20.10
		HIGH	Q16	19.06	19.43	19.03	20.10
15	LOW	Q16	19.01	19.28	19.21	20.10	
3	1	LOW	64QAM	18.93	19.70	19.67	20.10
		MID	64QAM	19.37	19.82	19.48	20.10
		HIGH	64QAM	19.45	19.82	19.45	20.10
	8	LOW	64QAM	18.86	19.39	19.20	20.10
		MID	64QAM	18.93	19.33	19.20	20.10
		HIGH	64QAM	19.09	19.59	18.99	20.10
15	LOW	64QAM	19.01	19.12	19.04	20.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.77	19.05	18.84	20.10
		MID	QPSK	18.75	19.15	19.14	20.10
		HIGH	QPSK	19.02	19.01	18.98	20.10
	36	LOW	QPSK	18.95	19.18	19.18	20.10
		MID	QPSK	18.83	19.25	18.95	20.10
		HIGH	QPSK	19.14	19.35	18.94	20.10
75	LOW	QPSK	18.83	19.07	18.85	20.10	
5	1	LOW	Q16	19.08	19.71	19.56	20.10
		MID	Q16	19.54	19.72	19.48	20.10
		HIGH	Q16	19.51	19.75	19.58	20.10
	36	LOW	Q16	19.00	19.34	19.31	20.10
		MID	Q16	18.89	19.53	19.13	20.10
		HIGH	Q16	19.01	19.43	19.33	20.10
75	LOW	Q16	18.91	19.40	19.04	20.10	
5	1	LOW	64QAM	18.96	19.70	19.52	20.10
		MID	64QAM	19.54	19.78	19.33	20.10
		HIGH	64QAM	19.33	19.74	19.37	20.10
	36	LOW	64QAM	19.09	19.26	19.36	20.10
		MID	64QAM	18.86	19.51	19.38	20.10
		HIGH	64QAM	19.08	19.42	19.03	20.10
75	LOW	64QAM	18.97	19.38	19.07	20.10	

LTE B2-DS11 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.70	19.18	18.85	20.10
		MID	QPSK	18.74	19.05	18.96	20.10
		HIGH	QPSK	18.97	19.27	19.05	20.10
	50	LOW	QPSK	18.75	19.09	19.24	20.10
		MID	QPSK	18.77	19.37	18.91	20.10
		HIGH	QPSK	18.93	19.19	19.15	20.10
	100	LOW	QPSK	18.81	19.22	18.88	20.10
10	1	LOW	Q16	19.18	19.60	19.66	20.10
		MID	Q16	19.26	19.97	19.57	20.10
		HIGH	Q16	19.33	19.85	19.50	20.10
	50	LOW	Q16	18.89	19.44	19.16	20.10
		MID	Q16	19.15	19.52	19.18	20.10
		HIGH	Q16	19.11	19.35	19.11	20.10
	100	LOW	Q16	18.95	19.40	19.30	20.10
10	1	LOW	64QAM	18.95	19.68	19.58	20.10
		MID	64QAM	19.37	19.90	19.36	20.10
		HIGH	64QAM	19.25	19.88	19.54	20.10
	50	LOW	64QAM	18.92	19.31	19.13	20.10
		MID	64QAM	18.83	19.27	19.31	20.10
		HIGH	64QAM	18.84	19.41	19.06	20.10
	100	LOW	64QAM	19.25	19.36	18.95	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.79	19.11	19.09	20.10
		MID	QPSK	18.66	19.22	19.03	20.10
		HIGH	QPSK	19.03	19.18	18.86	20.10
	36	LOW	QPSK	18.69	19.07	19.14	20.10
		MID	QPSK	18.99	19.21	19.05	20.10
		HIGH	QPSK	18.94	19.18	19.05	20.10
	75	LOW	QPSK	18.73	19.22	19.08	20.10
15	1	LOW	Q16	19.11	19.80	19.68	20.10
		MID	Q16	19.39	19.84	19.43	20.10
		HIGH	Q16	19.45	19.86	19.33	20.10
	36	LOW	Q16	18.84	19.43	19.17	20.10
		MID	Q16	19.15	19.30	19.19	20.10
		HIGH	Q16	19.02	19.47	19.29	20.10
	75	LOW	Q16	18.93	19.45	19.03	20.10
15	1	LOW	64QAM	19.20	19.65	19.48	20.10
		MID	64QAM	19.44	19.95	19.41	20.10
		HIGH	64QAM	19.40	19.86	19.49	20.10
	36	LOW	64QAM	18.85	19.42	19.10	20.10
		MID	64QAM	18.94	19.51	19.23	20.10
		HIGH	64QAM	18.83	19.56	19.15	20.10
	75	LOW	64QAM	19.08	19.15	19.09	20.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.65	19.06	18.99	20.10
		MID	QPSK	18.81	19.20	18.99	20.10
		HIGH	QPSK	18.92	19.13	18.90	20.10
	50	LOW	QPSK	18.83	19.21	19.10	20.10
		MID	QPSK	18.89	19.27	19.02	20.10
		HIGH	QPSK	18.99	19.22	19.03	20.10
	100	LOW	QPSK	18.87	19.18	19.00	20.10
20	1	LOW	Q16	19.20	19.65	19.59	20.10
		MID	Q16	19.39	19.86	19.48	20.10
		HIGH	Q16	19.47	19.77	19.45	20.10
	50	LOW	Q16	18.99	19.37	19.21	20.10
		MID	Q16	19.01	19.45	19.20	20.10
		HIGH	Q16	19.12	19.43	19.18	20.10
	100	LOW	Q16	19.02	19.40	19.16	20.10
20	1	LOW	64QAM	19.07	19.74	19.54	20.10
		MID	64QAM	19.50	19.93	19.33	20.10
		HIGH	64QAM	19.34	19.80	19.49	20.10
	50	LOW	64QAM	18.99	19.30	19.25	20.10
		MID	64QAM	18.86	19.41	19.28	20.10
		HIGH	64QAM	18.98	19.53	19.05	20.10
	100	LOW	64QAM	19.12	19.26	19.04	20.10

LTE B2-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.75	24.00	24.16	25.10
		MID	QPSK	23.86	24.39	23.93	25.10
		HIGH	QPSK	23.97	24.37	23.68	25.10
	3	LOW	QPSK	23.88	24.04	24.16	25.10
		MID	QPSK	23.89	24.21	23.94	25.10
		HIGH	QPSK	24.18	24.29	23.59	25.10
6	LOW	QPSK	22.88	23.22	22.95	24.10	
1.4	1	LOW	Q16	23.23	23.67	23.60	24.10
		MID	Q16	23.28	23.86	23.52	24.10
		HIGH	Q16	23.45	23.71	23.15	24.10
	3	LOW	Q16	23.11	23.60	23.34	24.10
		MID	Q16	23.26	23.70	23.25	24.10
		HIGH	Q16	23.42	23.78	23.22	24.10
6	LOW	Q16	22.06	22.55	22.18	23.10	
1.4	1	LOW	64QAM	21.95	22.61	22.50	23.10
		MID	64QAM	22.34	22.91	22.36	23.10
		HIGH	64QAM	22.70	22.83	22.10	23.10
	3	LOW	64QAM	22.08	22.83	22.59	23.10
		MID	64QAM	22.29	22.67	22.51	23.10
		HIGH	64QAM	22.53	22.90	22.11	23.10
6	LOW	64QAM	21.06	21.32	20.99	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.84	24.25	24.16	25.10
		MID	QPSK	23.81	24.30	24.16	25.10
		HIGH	QPSK	24.08	24.25	23.67	25.10
	8	LOW	QPSK	23.04	23.35	23.10	24.10
		MID	QPSK	23.02	23.43	23.05	24.10
		HIGH	QPSK	23.10	23.40	22.91	24.10
15	LOW	QPSK	22.98	23.10	23.18	24.10	
3	1	LOW	Q16	23.00	23.68	23.55	24.10
		MID	Q16	23.45	23.80	23.46	24.10
		HIGH	Q16	23.49	23.68	23.17	24.10
	8	LOW	Q16	21.98	22.26	22.20	23.10
		MID	Q16	22.14	22.50	22.24	23.10
		HIGH	Q16	22.00	22.33	21.98	23.10
15	LOW	Q16	21.89	22.51	22.19	23.10	
3	1	LOW	64QAM	22.01	22.80	22.47	23.10
		MID	64QAM	22.30	22.70	22.40	23.10
		HIGH	64QAM	22.72	22.93	22.23	23.10
	8	LOW	64QAM	21.16	21.29	21.17	22.10
		MID	64QAM	20.80	21.18	21.17	22.10
		HIGH	64QAM	21.16	21.34	21.07	22.10
15	LOW	64QAM	21.19	21.29	21.15	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.74	24.22	24.26	25.10
		MID	QPSK	23.86	24.16	24.07	25.10
		HIGH	QPSK	24.14	24.16	23.61	25.10
	36	LOW	QPSK	22.81	23.23	23.08	24.10
		MID	QPSK	23.02	23.21	22.94	24.10
		HIGH	QPSK	23.12	23.23	23.19	24.10
75	LOW	QPSK	23.06	23.20	22.98	24.10	
5	1	LOW	Q16	23.18	23.80	23.53	24.10
		MID	Q16	23.40	23.90	23.53	24.10
		HIGH	Q16	23.33	23.84	23.02	24.10
	36	LOW	Q16	22.06	22.34	22.14	23.10
		MID	Q16	21.89	22.47	22.27	23.10
		HIGH	Q16	22.00	22.42	21.98	23.10
75	LOW	Q16	22.11	22.28	22.11	23.10	
5	1	LOW	64QAM	22.00	22.68	22.42	23.10
		MID	64QAM	22.49	22.75	22.52	23.10
		HIGH	64QAM	22.73	22.83	22.27	23.10
	36	LOW	64QAM	21.17	21.09	21.36	22.10
		MID	64QAM	20.92	21.26	21.15	22.10
		HIGH	64QAM	21.12	21.19	21.12	22.10
75	LOW	64QAM	21.10	21.17	21.00	22.10	

LTE B2-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.70	24.25	24.26	25.10
		MID	QPSK	23.71	24.14	24.01	25.10
		HIGH	QPSK	23.88	24.17	23.87	25.10
	50	LOW	QPSK	22.92	23.19	23.08	24.10
		MID	QPSK	22.86	23.36	22.95	24.10
		HIGH	QPSK	23.15	23.31	22.98	24.10
	100	LOW	QPSK	22.85	23.18	23.07	24.10
10	1	LOW	Q16	23.17	23.76	23.31	24.10
		MID	Q16	23.20	23.68	23.29	24.10
		HIGH	Q16	23.31	23.89	23.11	24.10
	50	LOW	Q16	22.10	22.48	22.14	23.10
		MID	Q16	21.96	22.44	22.05	23.10
		HIGH	Q16	22.18	22.48	22.06	23.10
	100	LOW	Q16	22.04	22.53	22.20	23.10
10	1	LOW	64QAM	22.16	22.82	22.56	23.10
		MID	64QAM	22.49	22.76	22.54	23.10
		HIGH	64QAM	22.51	23.03	22.10	23.10
	50	LOW	64QAM	21.04	21.19	21.39	22.10
		MID	64QAM	20.88	21.46	21.13	22.10
		HIGH	64QAM	21.15	21.26	20.98	22.10
	100	LOW	64QAM	21.11	21.23	21.07	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	24.12	24.13	25.10
		MID	QPSK	23.86	24.13	23.92	25.10
		HIGH	QPSK	24.06	24.13	23.80	25.10
	36	LOW	QPSK	23.01	23.11	23.02	24.10
		MID	QPSK	23.08	23.33	23.22	24.10
		HIGH	QPSK	22.95	23.13	23.09	24.10
	75	LOW	QPSK	22.89	23.21	23.08	24.10
15	1	LOW	Q16	23.00	23.67	23.36	24.10
		MID	Q16	23.15	23.93	23.52	24.10
		HIGH	Q16	23.40	23.83	23.32	24.10
	36	LOW	Q16	22.00	22.31	22.08	23.10
		MID	Q16	21.96	22.42	22.20	23.10
		HIGH	Q16	22.01	22.30	22.24	23.10
	75	LOW	Q16	22.10	22.51	22.14	23.10
15	1	LOW	64QAM	22.08	22.78	22.31	23.10
		MID	64QAM	22.28	22.83	22.38	23.10
		HIGH	64QAM	22.74	22.81	22.21	23.10
	36	LOW	64QAM	21.08	21.12	21.36	22.10
		MID	64QAM	20.88	21.28	21.12	22.10
		HIGH	64QAM	21.33	21.16	20.87	22.10
	75	LOW	64QAM	21.02	21.36	20.92	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.73	24.12	24.11	25.10
		MID	QPSK	23.86	24.27	24.04	25.10
		HIGH	QPSK	24.03	24.22	23.74	25.10
	50	LOW	QPSK	22.89	23.24	23.15	24.10
		MID	QPSK	22.96	23.31	23.07	24.10
		HIGH	QPSK	23.06	23.28	23.06	24.10
	100	LOW	QPSK	22.93	23.19	23.04	24.10
20	1	LOW	Q16	23.14	23.65	23.46	24.10
		MID	Q16	23.30	23.78	23.40	24.10
		HIGH	Q16	23.45	23.74	23.17	24.10
	50	LOW	Q16	21.96	22.36	22.21	23.10
		MID	Q16	22.03	22.42	22.20	23.10
		HIGH	Q16	22.15	22.37	22.13	23.10
	100	LOW	Q16	21.98	22.41	22.13	23.10
20	1	LOW	64QAM	22.10	22.76	22.44	23.10
		MID	64QAM	22.38	22.79	22.43	23.10
		HIGH	64QAM	22.60	22.88	22.18	23.10
	50	LOW	64QAM	21.04	21.22	21.25	22.10
		MID	64QAM	20.90	21.32	21.21	22.10
		HIGH	64QAM	21.27	21.30	20.99	22.10
	100	LOW	64QAM	21.09	21.28	21.06	22.10

LTE B2-DS14 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.64	21.05	20.84	22.10
		MID	QPSK	20.76	21.24	20.95	22.10
		HIGH	QPSK	21.11	21.28	20.85	22.10
	3	LOW	QPSK	20.88	21.08	20.99	22.10
		MID	QPSK	20.84	21.11	20.76	22.10
		HIGH	QPSK	21.01	21.02	20.95	22.10
	6	LOW	QPSK	20.77	21.21	21.17	22.10
	1.4	LOW	Q16	21.39	21.48	21.53	22.10
		MID	Q16	21.55	21.58	21.29	22.10
		HIGH	Q16	21.77	21.73	21.28	22.10
		LOW	Q16	21.52	21.52	21.53	22.10
		MID	Q16	21.66	21.88	21.59	22.10
		HIGH	Q16	21.71	21.64	21.44	22.10
1.4	1	LOW	Q16	20.96	21.22	21.16	22.10
		MID	Q16	20.96	21.22	21.16	22.10
		HIGH	Q16	20.96	21.22	21.16	22.10
	3	LOW	64QAM	21.30	21.74	21.29	22.10
		MID	64QAM	21.72	21.82	21.51	22.10
		HIGH	64QAM	21.49	21.62	21.47	22.10
	6	LOW	64QAM	21.21	21.45	21.33	22.10
		MID	64QAM	21.65	21.67	21.43	22.10
		HIGH	64QAM	21.52	21.64	21.45	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.84	21.01	21.01	22.10
		MID	QPSK	20.89	21.33	21.04	22.10
		HIGH	QPSK	20.98	21.16	20.99	22.10
	8	LOW	QPSK	21.02	21.38	21.18	22.10
		MID	QPSK	20.83	21.37	21.18	22.10
		HIGH	QPSK	20.90	21.37	21.14	22.10
	15	LOW	QPSK	20.91	21.29	21.06	22.10
	3	LOW	Q16	21.31	21.75	21.53	22.10
		MID	Q16	21.52	21.72	21.31	22.10
		HIGH	Q16	21.50	21.76	21.32	22.10
		LOW	Q16	20.97	21.39	21.16	22.10
		MID	Q16	21.15	21.44	21.06	22.10
		HIGH	Q16	21.32	21.54	21.20	22.10
3	1	LOW	Q16	21.21	21.27	21.27	22.10
		MID	Q16	21.21	21.27	21.27	22.10
		HIGH	Q16	21.21	21.27	21.27	22.10
	8	LOW	64QAM	21.38	21.59	21.25	22.10
		MID	64QAM	21.72	21.68	21.69	22.10
		HIGH	64QAM	21.62	21.62	21.23	22.10
	15	LOW	64QAM	21.27	21.42	21.07	22.10
		MID	64QAM	21.05	21.31	20.92	22.10
		HIGH	64QAM	21.50	21.51	21.19	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.68	20.91	20.84	22.10
		MID	QPSK	20.90	21.32	20.99	22.10
		HIGH	QPSK	21.00	21.04	20.79	22.10
	36	LOW	QPSK	20.77	21.23	21.14	22.10
		MID	QPSK	21.08	21.37	21.02	22.10
		HIGH	QPSK	20.88	21.17	21.01	22.10
	75	LOW	QPSK	21.05	21.19	21.09	22.10
	5	LOW	Q16	21.42	21.60	21.65	22.10
		MID	Q16	21.39	21.77	21.41	22.10
		HIGH	Q16	21.53	21.53	21.35	22.10
		LOW	Q16	21.12	21.32	21.27	22.10
		MID	Q16	21.13	21.22	21.07	22.10
		HIGH	Q16	21.17	21.26	21.17	22.10
5	1	LOW	Q16	21.04	21.33	21.22	22.10
		MID	Q16	21.04	21.33	21.22	22.10
		HIGH	Q16	21.04	21.33	21.22	22.10
	36	LOW	64QAM	21.25	21.54	21.39	22.10
		MID	64QAM	21.52	21.64	21.62	22.10
		HIGH	64QAM	21.68	21.65	21.30	22.10
	75	LOW	64QAM	21.03	21.40	21.03	22.10
		MID	64QAM	20.85	21.35	21.02	22.10
		HIGH	64QAM	21.41	21.35	21.04	22.10
5	1	LOW	64QAM	20.91	21.56	21.26	22.10
		MID	64QAM	20.91	21.56	21.26	22.10
		HIGH	64QAM	20.91	21.56	21.26	22.10
	36	LOW	64QAM	20.91	21.56	21.26	22.10
		MID	64QAM	20.91	21.56	21.26	22.10
		HIGH	64QAM	20.91	21.56	21.26	22.10
	75	LOW	64QAM	20.91	21.56	21.26	22.10
		MID	64QAM	20.91	21.56	21.26	22.10
		HIGH	64QAM	20.91	21.56	21.26	22.10

LTE B2-DSI4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.85	21.04	21.06	22.10
		MID	QPSK	20.74	21.29	20.97	22.10
		HIGH	QPSK	21.10	21.18	20.77	22.10
	50	LOW	QPSK	20.93	21.10	21.11	22.10
		MID	QPSK	21.00	21.24	21.16	22.10
		HIGH	QPSK	20.99	21.13	21.16	22.10
	100	LOW	QPSK	21.02	21.12	21.08	22.10
10	1	LOW	Q16	21.53	21.69	21.49	22.10
		MID	Q16	21.52	21.71	21.39	22.10
		HIGH	Q16	21.54	21.72	21.38	22.10
	50	LOW	Q16	21.16	21.49	21.26	22.10
		MID	Q16	20.93	21.37	21.17	22.10
		HIGH	Q16	21.33	21.35	21.22	22.10
	100	LOW	Q16	20.92	21.38	21.00	22.10
10	1	LOW	64QAM	21.24	21.45	21.52	22.10
		MID	64QAM	21.62	21.64	21.68	22.10
		HIGH	64QAM	21.50	21.82	21.26	22.10
	50	LOW	64QAM	21.15	21.25	21.11	22.10
		MID	64QAM	20.86	21.14	20.97	22.10
		HIGH	64QAM	21.47	21.53	21.08	22.10
	100	LOW	64QAM	20.78	21.46	21.00	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.77	21.14	20.86	22.10
		MID	QPSK	20.65	21.21	20.78	22.10
		HIGH	QPSK	21.18	21.28	20.85	22.10
	36	LOW	QPSK	20.96	21.19	21.10	22.10
		MID	QPSK	20.81	21.39	21.18	22.10
		HIGH	QPSK	21.07	21.12	20.99	22.10
	75	LOW	QPSK	20.99	21.07	21.09	22.10
15	1	LOW	Q16	21.28	21.53	21.49	22.10
		MID	Q16	21.56	21.83	21.33	22.10
		HIGH	Q16	21.68	21.60	21.33	22.10
	36	LOW	Q16	20.95	21.41	21.19	22.10
		MID	Q16	21.03	21.24	21.23	22.10
		HIGH	Q16	21.30	21.51	21.23	22.10
	75	LOW	Q16	21.02	21.25	21.01	22.10
15	1	LOW	64QAM	21.21	21.52	21.30	22.10
		MID	64QAM	21.54	21.83	21.42	22.10
		HIGH	64QAM	21.77	21.57	21.38	22.10
	36	LOW	64QAM	21.15	21.14	20.99	22.10
		MID	64QAM	21.03	21.26	20.91	22.10
		HIGH	64QAM	21.48	21.27	21.24	22.10
	75	LOW	64QAM	21.01	21.29	21.22	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.73	21.05	20.93	22.10
		MID	QPSK	20.80	21.23	20.90	22.10
		HIGH	QPSK	21.05	21.16	20.85	22.10
	50	LOW	QPSK	20.90	21.24	21.13	22.10
		MID	QPSK	20.95	21.29	21.10	22.10
		HIGH	QPSK	21.00	21.25	21.05	22.10
	100	LOW	QPSK	20.91	21.22	21.05	22.10
20	1	LOW	Q16	21.38	21.62	21.50	22.10
		MID	Q16	21.53	21.73	21.44	22.10
		HIGH	Q16	21.62	21.68	21.34	22.10
	50	LOW	Q16	21.08	21.37	21.17	22.10
		MID	Q16	21.07	21.37	21.12	22.10
		HIGH	Q16	21.20	21.39	21.11	22.10
	100	LOW	Q16	21.07	21.35	21.12	22.10
20	1	LOW	64QAM	21.30	21.60	21.38	22.10
		MID	64QAM	21.62	21.78	21.54	22.10
		HIGH	64QAM	21.63	21.69	21.33	22.10
	50	LOW	64QAM	21.13	21.27	21.07	22.10
		MID	64QAM	20.94	21.24	20.99	22.10
		HIGH	64QAM	21.35	21.38	21.17	22.10
	100	LOW	64QAM	20.92	21.41	21.13	22.10

8.3.1 LTE Band2 Output Power

BL-SZ2270591-701

LTE B2-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.21	24.77	24.50	25.50
		MID	QPSK	24.46	24.82	24.50	25.50
		HIGH	QPSK	24.47	24.61	24.50	25.50
	3	LOW	QPSK	24.19	24.71	24.77	25.50
		MID	QPSK	24.38	24.79	24.50	25.50
		HIGH	QPSK	24.51	24.72	24.46	25.50
6	LOW	QPSK	23.36	23.82	23.70	24.50	
1.4	1	LOW	Q16	23.56	24.29	23.91	24.50
		MID	Q16	23.72	24.38	23.88	24.50
		HIGH	Q16	24.08	24.11	23.82	24.50
	3	LOW	Q16	23.73	24.18	24.03	24.50
		MID	Q16	23.94	24.17	24.02	24.50
		HIGH	Q16	23.87	24.22	23.71	24.50
6	LOW	Q16	22.62	22.95	22.64	23.50	
1.4	1	LOW	64QAM	22.59	23.10	22.92	23.50
		MID	64QAM	22.69	23.40	22.94	23.50
		HIGH	64QAM	22.75	23.17	22.53	23.50
	3	LOW	64QAM	22.62	23.25	22.87	23.50
		MID	64QAM	22.66	23.24	22.92	23.50
		HIGH	64QAM	22.94	23.28	22.53	23.50
6	LOW	64QAM	21.76	21.91	21.52	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.22	24.69	24.58	25.50
		MID	QPSK	24.52	24.92	24.69	25.50
		HIGH	QPSK	24.45	24.82	24.37	25.50
	8	LOW	QPSK	23.47	23.69	23.77	24.50
		MID	QPSK	23.43	23.89	23.62	24.50
		HIGH	QPSK	23.60	23.90	23.46	24.50
15	LOW	QPSK	23.39	23.88	23.64	24.50	
3	1	LOW	Q16	23.71	24.22	24.08	24.50
		MID	Q16	23.81	24.45	23.78	24.50
		HIGH	Q16	24.11	24.17	23.77	24.50
	8	LOW	Q16	22.60	22.85	22.85	23.50
		MID	Q16	22.60	22.97	22.67	23.50
		HIGH	Q16	22.76	22.91	22.71	23.50
15	LOW	Q16	22.56	22.95	22.63	23.50	
3	1	LOW	64QAM	22.59	23.15	23.02	23.50
		MID	64QAM	22.55	23.36	22.86	23.50
		HIGH	64QAM	22.93	23.23	22.47	23.50
	8	LOW	64QAM	21.60	21.78	21.76	22.50
		MID	64QAM	21.35	21.95	21.82	22.50
		HIGH	64QAM	21.76	21.77	21.73	22.50
15	LOW	64QAM	21.57	21.95	21.61	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.29	24.77	24.76	25.50
		MID	QPSK	24.50	24.80	24.50	25.50
		HIGH	QPSK	24.39	24.85	24.61	25.50
	36	LOW	QPSK	23.48	23.64	23.61	24.50
		MID	QPSK	23.38	23.88	23.63	24.50
		HIGH	QPSK	23.45	23.67	23.51	24.50
75	LOW	QPSK	23.24	23.85	23.45	24.50	
5	1	LOW	Q16	23.76	24.19	23.93	24.50
		MID	Q16	23.65	24.31	23.78	24.50
		HIGH	Q16	23.86	24.31	23.66	24.50
	36	LOW	Q16	22.57	22.80	22.86	23.50
		MID	Q16	22.59	22.90	22.68	23.50
		HIGH	Q16	22.75	23.04	22.50	23.50
75	LOW	Q16	22.66	22.98	22.47	23.50	
5	1	LOW	64QAM	22.41	23.04	22.88	23.50
		MID	64QAM	22.64	23.39	23.07	23.50
		HIGH	64QAM	22.75	23.25	22.72	23.50
	36	LOW	64QAM	21.64	21.96	21.75	22.50
		MID	64QAM	21.58	21.88	21.68	22.50
		HIGH	64QAM	21.54	22.04	21.59	22.50
75	LOW	64QAM	21.57	22.20	21.55	22.50	

LTE B2-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.21	24.59	24.67	25.50
		MID	QPSK	24.39	24.86	24.71	25.50
		HIGH	QPSK	24.46	24.62	24.36	25.50
	50	LOW	QPSK	23.26	23.78	23.55	24.50
		MID	QPSK	23.38	23.74	23.44	24.50
		HIGH	QPSK	23.46	23.81	23.57	24.50
	100	LOW	QPSK	23.54	23.73	23.65	24.50
10	1	LOW	Q16	23.65	24.32	23.95	24.50
		MID	Q16	23.88	24.37	23.99	24.50
		HIGH	Q16	23.93	24.39	23.64	24.50
	50	LOW	Q16	22.60	22.98	22.71	23.50
		MID	Q16	22.70	22.92	22.72	23.50
		HIGH	Q16	22.59	23.10	22.75	23.50
	100	LOW	Q16	22.39	22.80	22.52	23.50
10	1	LOW	64QAM	22.62	23.29	23.13	23.50
		MID	64QAM	22.64	23.31	22.89	23.50
		HIGH	64QAM	22.90	23.34	22.60	23.50
	50	LOW	64QAM	21.56	21.86	21.85	22.50
		MID	64QAM	21.52	21.85	21.61	22.50
		HIGH	64QAM	21.75	21.91	21.61	22.50
	100	LOW	64QAM	21.74	22.04	21.45	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.60	24.51	25.50
		MID	QPSK	24.24	24.71	24.64	25.50
		HIGH	QPSK	24.57	24.75	24.51	25.50
	36	LOW	QPSK	23.46	23.85	23.63	24.50
		MID	QPSK	23.47	23.82	23.51	24.50
		HIGH	QPSK	23.61	23.89	23.46	24.50
	75	LOW	QPSK	23.40	23.67	23.47	24.50
15	1	LOW	Q16	23.75	24.35	24.04	24.50
		MID	Q16	23.77	24.32	23.82	24.50
		HIGH	Q16	23.93	24.36	23.87	24.50
	36	LOW	Q16	22.46	22.97	22.86	23.50
		MID	Q16	22.71	23.06	22.77	23.50
		HIGH	Q16	22.58	22.88	22.58	23.50
	75	LOW	Q16	22.60	22.84	22.71	23.50
15	1	LOW	64QAM	22.46	23.20	23.12	23.50
		MID	64QAM	22.82	23.36	23.03	23.50
		HIGH	64QAM	22.74	23.40	22.67	23.50
	36	LOW	64QAM	21.57	21.83	21.70	22.50
		MID	64QAM	21.38	21.78	21.55	22.50
		HIGH	64QAM	21.71	21.92	21.61	22.50
	75	LOW	64QAM	21.68	21.95	21.44	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.22	24.63	24.63	25.50
		MID	QPSK	24.39	24.82	24.61	25.50
		HIGH	QPSK	24.51	24.73	24.51	25.50
	50	LOW	QPSK	23.39	23.79	23.63	24.50
		MID	QPSK	23.41	23.79	23.58	24.50
		HIGH	QPSK	23.53	23.80	23.54	24.50
	100	LOW	QPSK	23.39	23.79	23.55	24.50
20	1	LOW	Q16	23.62	24.21	24.00	24.50
		MID	Q16	23.79	24.32	23.91	24.50
		HIGH	Q16	23.97	24.26	23.75	24.50
	50	LOW	Q16	22.48	22.88	22.72	23.50
		MID	Q16	22.57	22.95	22.65	23.50
		HIGH	Q16	22.63	22.96	22.60	23.50
	100	LOW	Q16	22.52	22.92	22.62	23.50
20	1	LOW	64QAM	22.56	23.14	22.98	23.50
		MID	64QAM	22.67	23.32	23.01	23.50
		HIGH	64QAM	22.87	23.30	22.61	23.50
	50	LOW	64QAM	21.56	21.85	21.71	22.50
		MID	64QAM	21.50	21.84	21.67	22.50
		HIGH	64QAM	21.64	21.90	21.63	22.50
	100	LOW	64QAM	21.66	22.06	21.51	22.50

LTE B2-DSI1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.21	24.77	24.50	25.50
		MID	QPSK	24.46	24.82	24.50	25.50
		HIGH	QPSK	24.47	24.61	24.50	25.50
	3	LOW	QPSK	24.19	24.71	24.77	25.50
		MID	QPSK	24.38	24.79	24.50	25.50
		HIGH	QPSK	24.51	24.72	24.46	25.50
6	LOW	QPSK	23.36	23.82	23.70	24.50	
1.4	1	LOW	Q16	23.56	24.29	23.91	24.50
		MID	Q16	23.72	24.38	23.88	24.50
		HIGH	Q16	24.08	24.11	23.82	24.50
	3	LOW	Q16	23.73	24.18	24.03	24.50
		MID	Q16	23.94	24.17	24.02	24.50
		HIGH	Q16	23.87	24.22	23.71	24.50
6	LOW	Q16	22.62	22.95	22.64	23.50	
1.4	1	LOW	64QAM	22.59	23.10	22.92	23.50
		MID	64QAM	22.69	23.40	22.94	23.50
		HIGH	64QAM	22.75	23.17	22.53	23.50
	3	LOW	64QAM	22.62	23.25	22.87	23.50
		MID	64QAM	22.66	23.24	22.92	23.50
		HIGH	64QAM	22.94	23.28	22.53	23.50
6	LOW	64QAM	21.76	21.91	21.52	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.22	24.69	24.58	25.50
		MID	QPSK	24.52	24.92	24.69	25.50
		HIGH	QPSK	24.45	24.82	24.37	25.50
	8	LOW	QPSK	23.47	23.69	23.77	24.50
		MID	QPSK	23.43	23.89	23.62	24.50
		HIGH	QPSK	23.60	23.90	23.46	24.50
15	LOW	QPSK	23.39	23.88	23.64	24.50	
3	1	LOW	Q16	23.71	24.22	24.08	24.50
		MID	Q16	23.81	24.45	23.78	24.50
		HIGH	Q16	24.11	24.17	23.77	24.50
	8	LOW	Q16	22.60	22.85	22.85	23.50
		MID	Q16	22.60	22.97	22.67	23.50
		HIGH	Q16	22.76	22.91	22.71	23.50
15	LOW	Q16	22.56	22.95	22.63	23.50	
3	1	LOW	64QAM	22.59	23.15	23.02	23.50
		MID	64QAM	22.55	23.36	22.86	23.50
		HIGH	64QAM	22.93	23.23	22.47	23.50
	8	LOW	64QAM	21.60	21.78	21.76	22.50
		MID	64QAM	21.35	21.95	21.82	22.50
		HIGH	64QAM	21.76	21.77	21.73	22.50
15	LOW	64QAM	21.57	21.95	21.61	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.29	24.77	24.76	25.50
		MID	QPSK	24.50	24.80	24.50	25.50
		HIGH	QPSK	24.39	24.85	24.61	25.50
	36	LOW	QPSK	23.48	23.64	23.61	24.50
		MID	QPSK	23.38	23.88	23.63	24.50
		HIGH	QPSK	23.45	23.67	23.51	24.50
75	LOW	QPSK	23.24	23.85	23.45	24.50	
5	1	LOW	Q16	23.76	24.19	23.93	24.50
		MID	Q16	23.65	24.31	23.78	24.50
		HIGH	Q16	23.86	24.31	23.66	24.50
	36	LOW	Q16	22.57	22.80	22.86	23.50
		MID	Q16	22.59	22.90	22.68	23.50
		HIGH	Q16	22.75	23.04	22.50	23.50
75	LOW	Q16	22.66	22.98	22.47	23.50	
5	1	LOW	64QAM	22.41	23.04	22.88	23.50
		MID	64QAM	22.64	23.39	23.07	23.50
		HIGH	64QAM	22.75	23.25	22.72	23.50
	36	LOW	64QAM	21.64	21.96	21.75	22.50
		MID	64QAM	21.58	21.88	21.68	22.50
		HIGH	64QAM	21.54	22.04	21.59	22.50
75	LOW	64QAM	21.57	22.20	21.55	22.50	

LTE B2-DS1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.21	24.59	24.67	25.50
		MID	QPSK	24.39	24.86	24.71	25.50
		HIGH	QPSK	24.46	24.62	24.36	25.50
	50	LOW	QPSK	23.26	23.78	23.55	24.50
		MID	QPSK	23.38	23.74	23.44	24.50
		HIGH	QPSK	23.46	23.81	23.57	24.50
	100	LOW	QPSK	23.54	23.73	23.65	24.50
10	1	LOW	Q16	23.65	24.32	23.95	24.50
		MID	Q16	23.88	24.37	23.99	24.50
		HIGH	Q16	23.93	24.39	23.64	24.50
	50	LOW	Q16	22.60	22.98	22.71	23.50
		MID	Q16	22.70	22.92	22.72	23.50
		HIGH	Q16	22.59	23.10	22.75	23.50
	100	LOW	Q16	22.39	22.80	22.52	23.50
10	1	LOW	64QAM	22.62	23.29	23.13	23.50
		MID	64QAM	22.64	23.31	22.89	23.50
		HIGH	64QAM	22.90	23.34	22.60	23.50
	50	LOW	64QAM	21.56	21.86	21.85	22.50
		MID	64QAM	21.52	21.85	21.61	22.50
		HIGH	64QAM	21.75	21.91	21.61	22.50
	100	LOW	64QAM	21.74	22.04	21.45	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.60	24.51	25.50
		MID	QPSK	24.24	24.71	24.64	25.50
		HIGH	QPSK	24.57	24.75	24.51	25.50
	36	LOW	QPSK	23.46	23.85	23.63	24.50
		MID	QPSK	23.47	23.82	23.51	24.50
		HIGH	QPSK	23.61	23.89	23.46	24.50
	75	LOW	QPSK	23.40	23.67	23.47	24.50
15	1	LOW	Q16	23.75	24.35	24.04	24.50
		MID	Q16	23.77	24.32	23.82	24.50
		HIGH	Q16	23.93	24.36	23.87	24.50
	36	LOW	Q16	22.46	22.97	22.86	23.50
		MID	Q16	22.71	23.06	22.77	23.50
		HIGH	Q16	22.58	22.88	22.58	23.50
	75	LOW	Q16	22.60	22.84	22.71	23.50
15	1	LOW	64QAM	22.46	23.20	23.12	23.50
		MID	64QAM	22.82	23.36	23.03	23.50
		HIGH	64QAM	22.74	23.40	22.67	23.50
	36	LOW	64QAM	21.57	21.83	21.70	22.50
		MID	64QAM	21.38	21.78	21.55	22.50
		HIGH	64QAM	21.71	21.92	21.61	22.50
	75	LOW	64QAM	21.68	21.95	21.44	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.22	24.63	24.63	25.50
		MID	QPSK	24.39	24.82	24.61	25.50
		HIGH	QPSK	24.51	24.73	24.51	25.50
	50	LOW	QPSK	23.39	23.79	23.63	24.50
		MID	QPSK	23.41	23.79	23.58	24.50
		HIGH	QPSK	23.53	23.80	23.54	24.50
	100	LOW	QPSK	23.39	23.79	23.55	24.50
20	1	LOW	Q16	23.62	24.21	24.00	24.50
		MID	Q16	23.79	24.32	23.91	24.50
		HIGH	Q16	23.97	24.26	23.75	24.50
	50	LOW	Q16	22.48	22.88	22.72	23.50
		MID	Q16	22.57	22.95	22.65	23.50
		HIGH	Q16	22.63	22.96	22.60	23.50
	100	LOW	Q16	22.52	22.92	22.62	23.50
20	1	LOW	64QAM	22.56	23.14	22.98	23.50
		MID	64QAM	22.67	23.32	23.01	23.50
		HIGH	64QAM	22.87	23.30	22.61	23.50
	50	LOW	64QAM	21.56	21.85	21.71	22.50
		MID	64QAM	21.50	21.84	21.67	22.50
		HIGH	64QAM	21.64	21.90	21.63	22.50
	100	LOW	64QAM	21.66	22.06	21.51	22.50

LTE B2-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.10	21.62	21.68	22.50
		MID	QPSK	21.40	21.71	21.66	22.50
		HIGH	QPSK	21.38	21.86	21.36	22.50
	3	LOW	QPSK	21.02	21.48	21.67	22.50
		MID	QPSK	21.36	21.77	21.60	22.50
		HIGH	QPSK	21.35	21.79	21.38	22.50
	6	LOW	QPSK	21.35	21.87	21.45	22.50
	1.4	LOW	Q16	21.63	22.26	22.02	22.50
		MID	Q16	21.77	22.48	22.15	22.50
		HIGH	Q16	22.18	22.30	22.05	22.50
		LOW	Q16	21.70	22.28	22.15	22.50
		MID	Q16	21.94	22.24	21.88	22.50
		HIGH	Q16	22.02	22.20	21.76	22.50
1.4	1	LOW	Q16	21.45	21.98	21.57	22.50
		MID	Q16	21.66	22.23	22.15	22.50
		HIGH	Q16	21.97	22.43	22.23	22.50
	3	LOW	64QAM	22.15	22.41	21.89	22.50
		MID	64QAM	21.60	22.16	22.31	22.50
		HIGH	64QAM	21.92	22.48	22.18	22.50
	6	LOW	64QAM	22.07	22.26	21.89	22.50
	1.4	LOW	64QAM	21.32	21.90	21.59	22.50
		MID	64QAM	21.66	22.23	22.15	22.50
		HIGH	64QAM	21.97	22.43	22.23	22.50
		LOW	64QAM	21.60	22.16	22.31	22.50
		MID	64QAM	21.92	22.48	22.18	22.50
		HIGH	64QAM	22.07	22.26	21.89	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	21.00	21.50	21.64	22.50
		MID	QPSK	21.30	21.77	21.44	22.50
		HIGH	QPSK	21.58	21.75	21.50	22.50
	8	LOW	QPSK	21.28	21.82	21.66	22.50
		MID	QPSK	21.39	21.85	21.68	22.50
		HIGH	QPSK	21.49	21.71	21.73	22.50
	15	LOW	QPSK	21.31	21.87	21.73	22.50
	3	LOW	Q16	21.59	22.36	22.15	22.50
		MID	Q16	21.90	22.50	21.99	22.50
		HIGH	Q16	21.91	22.39	22.00	22.50
		LOW	Q16	21.58	21.99	21.89	22.50
		MID	Q16	21.45	22.09	21.68	22.50
		HIGH	Q16	21.78	22.13	21.83	22.50
3	1	LOW	Q16	21.56	21.85	21.77	22.50
		MID	Q16	21.77	22.00	22.23	22.50
		HIGH	Q16	21.92	22.29	22.22	22.50
	8	LOW	64QAM	22.24	22.36	21.94	22.50
		MID	64QAM	21.54	21.98	21.72	22.50
		HIGH	64QAM	21.59	22.00	21.96	22.50
	15	LOW	64QAM	21.63	22.13	21.56	22.50
	3	LOW	64QAM	21.49	21.70	21.45	22.50
		MID	64QAM	21.77	22.00	22.23	22.50
		HIGH	64QAM	21.92	22.29	22.22	22.50
		LOW	64QAM	22.24	22.36	21.94	22.50
		MID	64QAM	21.54	21.98	21.72	22.50
		HIGH	64QAM	21.59	22.00	21.96	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	21.23	21.52	21.46	22.50
		MID	QPSK	21.25	21.60	21.60	22.50
		HIGH	QPSK	21.56	21.66	21.32	22.50
	36	LOW	QPSK	21.49	21.88	21.79	22.50
		MID	QPSK	21.43	21.74	21.61	22.50
		HIGH	QPSK	21.38	21.71	21.54	22.50
	75	LOW	QPSK	21.49	21.76	21.59	22.50
	5	LOW	Q16	21.69	22.27	22.19	22.50
		MID	Q16	21.91	22.39	21.88	22.50
		HIGH	Q16	22.17	22.36	22.00	22.50
		LOW	Q16	21.46	21.79	21.88	22.50
		MID	Q16	21.61	21.95	21.77	22.50
		HIGH	Q16	21.79	21.93	21.57	22.50
5	1	LOW	Q16	21.56	21.81	21.65	22.50
		MID	Q16	21.87	21.96	22.37	22.50
		HIGH	Q16	21.72	22.25	22.28	22.50
	36	LOW	64QAM	22.21	22.44	21.92	22.50
		MID	64QAM	21.35	21.85	21.69	22.50
		HIGH	64QAM	21.56	22.08	21.93	22.50
	75	LOW	64QAM	21.52	22.04	21.67	22.50
	5	LOW	64QAM	21.33	21.77	21.66	22.50
		MID	64QAM	21.87	21.96	22.37	22.50
		HIGH	64QAM	21.72	22.25	22.28	22.50
		LOW	64QAM	22.21	22.44	21.92	22.50
		MID	64QAM	21.35	21.85	21.69	22.50
		HIGH	64QAM	21.56	22.08	21.93	22.50

LTE B2-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.98	21.40	21.45	22.50
		MID	QPSK	21.22	21.87	21.59	22.50
		HIGH	QPSK	21.35	21.56	21.39	22.50
	50	LOW	QPSK	21.37	21.75	21.66	22.50
		MID	QPSK	21.38	21.75	21.59	22.50
		HIGH	QPSK	21.48	21.73	21.48	22.50
	100	LOW	QPSK	21.39	21.67	21.64	22.50
10	1	LOW	Q16	21.74	22.19	21.98	22.50
		MID	Q16	21.99	22.41	22.03	22.50
		HIGH	Q16	22.06	22.35	21.94	22.50
	50	LOW	Q16	21.36	21.88	21.73	22.50
		MID	Q16	21.51	21.86	21.75	22.50
		HIGH	Q16	21.57	22.01	21.69	22.50
	100	LOW	Q16	21.62	21.92	21.64	22.50
10	1	LOW	64QAM	21.70	22.21	22.20	22.50
		MID	64QAM	21.94	22.38	22.11	22.50
		HIGH	64QAM	22.09	22.26	21.72	22.50
	50	LOW	64QAM	21.43	21.90	21.62	22.50
		MID	64QAM	21.62	22.13	21.91	22.50
		HIGH	64QAM	21.53	22.22	21.63	22.50
	100	LOW	64QAM	21.49	21.93	21.72	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	21.07	21.68	21.60	22.50
		MID	QPSK	21.19	21.74	21.49	22.50
		HIGH	QPSK	21.34	21.66	21.49	22.50
	36	LOW	QPSK	21.39	21.60	21.67	22.50
		MID	QPSK	21.41	21.74	21.66	22.50
		HIGH	QPSK	21.43	21.82	21.56	22.50
	75	LOW	QPSK	21.41	21.77	21.60	22.50
15	1	LOW	Q16	21.63	22.26	22.09	22.50
		MID	Q16	21.96	22.30	22.15	22.50
		HIGH	Q16	22.16	22.45	21.87	22.50
	36	LOW	Q16	21.37	21.76	21.84	22.50
		MID	Q16	21.47	22.07	21.85	22.50
		HIGH	Q16	21.55	21.91	21.70	22.50
	75	LOW	Q16	21.54	22.01	21.51	22.50
15	1	LOW	64QAM	21.79	21.99	22.37	22.50
		MID	64QAM	21.97	22.39	21.99	22.50
		HIGH	64QAM	22.11	22.44	21.98	22.50
	36	LOW	64QAM	21.49	22.04	21.82	22.50
		MID	64QAM	21.62	22.25	21.83	22.50
		HIGH	64QAM	21.48	22.15	21.66	22.50
	75	LOW	64QAM	21.37	21.89	21.60	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	21.13	21.55	21.57	22.50
		MID	QPSK	21.29	21.73	21.53	22.50
		HIGH	QPSK	21.48	21.71	21.47	22.50
	50	LOW	QPSK	21.38	21.74	21.66	22.50
		MID	QPSK	21.44	21.82	21.59	22.50
		HIGH	QPSK	21.50	21.81	21.58	22.50
	100	LOW	QPSK	21.35	21.76	21.60	22.50
20	1	LOW	Q16	21.67	22.22	22.09	22.50
		MID	Q16	21.87	22.35	22.02	22.50
		HIGH	Q16	22.05	22.35	21.90	22.50
	50	LOW	Q16	21.46	21.90	21.80	22.50
		MID	Q16	21.53	21.97	21.75	22.50
		HIGH	Q16	21.64	21.98	21.71	22.50
	100	LOW	Q16	21.54	21.96	21.65	22.50
20	1	LOW	64QAM	21.74	22.10	22.22	22.50
		MID	64QAM	21.87	22.48	22.14	22.50
		HIGH	64QAM	22.11	22.29	21.87	22.50
	50	LOW	64QAM	21.45	21.95	21.71	22.50
		MID	64QAM	21.64	22.10	21.81	22.50
		HIGH	64QAM	21.50	22.11	21.67	22.50
	100	LOW	64QAM	21.39	21.85	21.58	22.50

8.3.2 LTE Band4 Output Power

BL-SZ2270591-701

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	23.93	23.86	23.61	25.10
		MID	QPSK	24.08	23.99	23.84	25.10
		HIGH	QPSK	23.73	23.95	23.82	25.10
	3	LOW	QPSK	23.93	23.94	23.85	25.10
		MID	QPSK	24.07	23.95	23.77	25.10
		HIGH	QPSK	23.78	23.87	23.87	25.10
6	LOW	QPSK	23.13	22.99	22.87	24.10	
1.4	1	LOW	Q16	23.45	23.49	23.16	24.10
		MID	Q16	23.53	23.36	23.30	24.10
		HIGH	Q16	23.32	23.52	23.38	24.10
	3	LOW	Q16	23.60	23.55	23.17	24.10
		MID	Q16	23.62	23.49	23.25	24.10
		HIGH	Q16	23.31	23.49	23.38	24.10
6	LOW	Q16	22.25	22.22	22.10	23.10	
1.4	1	LOW	64QAM	22.35	22.42	22.19	23.10
		MID	64QAM	22.42	22.48	22.34	23.10
		HIGH	64QAM	22.44	22.25	22.16	23.10
	3	LOW	64QAM	22.39	22.60	22.44	23.10
		MID	64QAM	22.45	22.38	22.31	23.10
		HIGH	64QAM	22.54	22.52	22.20	23.10
6	LOW	64QAM	21.03	21.30	20.86	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.78	24.09	23.61	25.10
		MID	QPSK	24.01	23.96	23.64	25.10
		HIGH	QPSK	23.74	24.06	23.86	25.10
	8	LOW	QPSK	22.88	22.93	22.99	24.10
		MID	QPSK	23.01	23.23	23.08	24.10
		HIGH	QPSK	23.19	23.00	22.95	24.10
15	LOW	QPSK	23.07	22.98	22.97	24.10	
3	1	LOW	Q16	23.36	23.42	23.39	24.10
		MID	Q16	23.41	23.37	23.29	24.10
		HIGH	Q16	23.39	23.49	23.27	24.10
	8	LOW	Q16	22.06	22.41	21.87	23.10
		MID	Q16	22.08	22.31	22.13	23.10
		HIGH	Q16	22.35	22.06	21.98	23.10
15	LOW	Q16	22.09	22.33	21.94	23.10	
3	1	LOW	64QAM	22.47	22.43	22.40	23.10
		MID	64QAM	22.30	22.22	22.33	23.10
		HIGH	64QAM	22.37	22.27	22.33	23.10
	8	LOW	64QAM	21.15	21.48	21.23	22.10
		MID	64QAM	20.97	21.16	20.99	22.10
		HIGH	64QAM	21.19	21.22	20.98	22.10
15	LOW	64QAM	21.25	21.40	21.00	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.94	24.03	23.86	25.10
		MID	QPSK	23.94	23.81	23.83	25.10
		HIGH	QPSK	23.97	24.03	23.87	25.10
	36	LOW	QPSK	23.10	22.97	23.01	24.10
		MID	QPSK	23.13	23.16	22.96	24.10
		HIGH	QPSK	22.95	23.07	23.09	24.10
75	LOW	QPSK	22.98	23.06	22.97	24.10	
5	1	LOW	Q16	23.38	23.33	23.32	24.10
		MID	Q16	23.39	23.21	23.24	24.10
		HIGH	Q16	23.33	23.34	23.21	24.10
	36	LOW	Q16	22.18	22.30	22.04	23.10
		MID	Q16	22.19	22.33	22.17	23.10
		HIGH	Q16	22.20	22.11	21.98	23.10
75	LOW	Q16	22.15	22.29	21.87	23.10	
5	1	LOW	64QAM	22.39	22.47	22.31	23.10
		MID	64QAM	22.42	22.23	22.18	23.10
		HIGH	64QAM	22.42	22.22	22.21	23.10
	36	LOW	64QAM	21.27	21.44	21.04	22.10
		MID	64QAM	21.23	21.34	20.98	22.10
		HIGH	64QAM	21.24	21.14	21.05	22.10
75	LOW	64QAM	20.97	21.32	20.98	22.10	

LTE B4-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.93	23.94	23.83	25.10
		MID	QPSK	23.81	23.83	23.87	25.10
		HIGH	QPSK	23.91	24.03	23.96	25.10
	50	LOW	QPSK	23.16	23.09	23.01	24.10
		MID	QPSK	23.06	23.25	22.81	24.10
		HIGH	QPSK	23.19	22.96	23.04	24.10
100	LOW	QPSK	23.00	22.94	22.76	24.10	
10	1	LOW	Q16	23.50	23.49	23.16	24.10
		MID	Q16	23.46	23.30	23.31	24.10
		HIGH	Q16	23.41	23.34	23.28	24.10
	50	LOW	Q16	22.13	22.30	21.94	23.10
		MID	Q16	22.11	22.08	22.19	23.10
		HIGH	Q16	22.16	22.03	22.02	23.10
100	LOW	Q16	22.33	22.14	22.02	23.10	
10	1	LOW	64QAM	22.43	22.38	22.32	23.10
		MID	64QAM	22.51	22.27	22.26	23.10
		HIGH	64QAM	22.46	22.50	22.17	23.10
	50	LOW	64QAM	21.26	21.34	21.26	22.10
		MID	64QAM	21.20	21.25	20.94	22.10
		HIGH	64QAM	21.41	21.31	21.19	22.10
100	LOW	64QAM	20.98	21.18	20.86	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.97	24.09	23.82	25.10
		MID	QPSK	24.05	23.83	23.86	25.10
		HIGH	QPSK	23.85	23.87	23.89	25.10
	36	LOW	QPSK	22.88	22.99	22.71	24.10
		MID	QPSK	23.05	23.04	22.97	24.10
		HIGH	QPSK	23.07	22.93	22.91	24.10
75	LOW	QPSK	22.86	23.17	22.98	24.10	
15	1	LOW	Q16	23.51	23.41	23.45	24.10
		MID	Q16	23.58	23.29	23.29	24.10
		HIGH	Q16	23.41	23.44	23.41	24.10
	36	LOW	Q16	22.30	22.20	22.08	23.10
		MID	Q16	22.16	22.28	21.93	23.10
		HIGH	Q16	22.36	22.11	22.00	23.10
75	LOW	Q16	22.13	22.08	21.96	23.10	
15	1	LOW	64QAM	22.54	22.43	22.32	23.10
		MID	64QAM	22.51	22.50	22.35	23.10
		HIGH	64QAM	22.34	22.41	22.33	23.10
	36	LOW	64QAM	21.36	21.41	20.99	22.10
		MID	64QAM	20.95	21.22	20.89	22.10
		HIGH	64QAM	21.29	21.07	21.07	22.10
75	LOW	64QAM	20.95	21.25	21.08	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.83	24.01	23.76	25.10
		MID	QPSK	23.93	23.92	23.72	25.10
		HIGH	QPSK	23.84	23.93	23.84	25.10
	50	LOW	QPSK	23.02	23.08	22.86	24.10
		MID	QPSK	23.04	23.10	22.93	24.10
		HIGH	QPSK	23.05	22.96	22.95	24.10
100	LOW	QPSK	23.01	23.04	22.89	24.10	
20	1	LOW	Q16	23.48	23.48	23.30	24.10
		MID	Q16	23.47	23.35	23.23	24.10
		HIGH	Q16	23.44	23.44	23.36	24.10
	50	LOW	Q16	22.21	22.34	21.98	23.10
		MID	Q16	22.21	22.22	22.08	23.10
		HIGH	Q16	22.21	22.14	22.04	23.10
100	LOW	Q16	22.18	22.19	22.01	23.10	
20	1	LOW	64QAM	22.47	22.49	22.34	23.10
		MID	64QAM	22.43	22.35	22.21	23.10
		HIGH	64QAM	22.42	22.37	22.26	23.10
	50	LOW	64QAM	21.24	21.47	21.11	22.10
		MID	64QAM	21.08	21.19	20.93	22.10
		HIGH	64QAM	21.30	21.17	21.04	22.10
100	LOW	64QAM	21.10	21.26	20.99	22.10	

LTE B4-DSI1&4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.15	19.47	19.25	20.60
		MID	QPSK	19.39	19.44	19.18	20.60
		HIGH	QPSK	19.35	19.40	19.24	20.60
	3	LOW	QPSK	19.27	19.44	19.25	20.60
		MID	QPSK	19.39	19.34	19.29	20.60
		HIGH	QPSK	19.25	19.35	19.28	20.60
	6	LOW	QPSK	19.34	19.49	19.44	20.60
1.4	1	LOW	Q16	19.97	20.17	19.89	20.60
		MID	Q16	20.08	20.07	19.83	20.60
		HIGH	Q16	20.15	20.07	20.08	20.60
	3	LOW	Q16	20.15	20.09	19.77	20.60
		MID	Q16	20.01	20.08	19.75	20.60
		HIGH	Q16	19.99	20.09	19.90	20.60
	6	LOW	Q16	19.64	19.82	19.34	20.60
1.4	1	LOW	64QAM	20.24	19.82	19.87	20.60
		MID	64QAM	20.04	19.96	19.72	20.60
		HIGH	64QAM	20.02	19.89	19.96	20.60
	3	LOW	64QAM	20.02	19.82	19.92	20.60
		MID	64QAM	19.95	20.02	19.95	20.60
		HIGH	64QAM	20.23	19.92	19.83	20.60
	6	LOW	64QAM	19.64	19.75	19.44	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.37	19.58	19.38	20.60
		MID	QPSK	19.41	19.46	19.15	20.60
		HIGH	QPSK	19.35	19.50	19.39	20.60
	8	LOW	QPSK	19.59	19.64	19.27	20.60
		MID	QPSK	19.52	19.48	19.47	20.60
		HIGH	QPSK	19.47	19.47	19.48	20.60
	15	LOW	QPSK	19.30	19.34	19.27	20.60
3	1	LOW	Q16	20.00	19.96	19.94	20.60
		MID	Q16	19.99	20.03	19.94	20.60
		HIGH	Q16	20.06	20.01	19.89	20.60
	8	LOW	Q16	19.81	19.75	19.49	20.60
		MID	Q16	19.70	19.78	19.33	20.60
		HIGH	Q16	19.81	19.70	19.60	20.60
	15	LOW	Q16	19.72	19.65	19.53	20.60
3	1	LOW	64QAM	20.07	19.84	19.95	20.60
		MID	64QAM	20.17	20.18	19.90	20.60
		HIGH	64QAM	20.14	19.98	19.88	20.60
	8	LOW	64QAM	19.93	19.83	19.50	20.60
		MID	64QAM	19.58	19.62	19.42	20.60
		HIGH	64QAM	19.69	19.68	19.57	20.60
	15	LOW	64QAM	19.55	19.67	19.72	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.34	19.56	19.32	20.60
		MID	QPSK	19.35	19.38	19.17	20.60
		HIGH	QPSK	19.29	19.47	19.19	20.60
	36	LOW	QPSK	19.41	19.61	19.28	20.60
		MID	QPSK	19.45	19.34	19.27	20.60
		HIGH	QPSK	19.51	19.42	19.37	20.60
75	LOW	QPSK	19.56	19.36	19.25	20.60	
5	1	LOW	Q16	20.00	20.16	19.82	20.60
		MID	Q16	20.20	19.92	19.98	20.60
		HIGH	Q16	20.12	20.19	19.91	20.60
	36	LOW	Q16	19.73	19.87	19.50	20.60
		MID	Q16	19.85	19.59	19.45	20.60
		HIGH	Q16	19.67	19.61	19.42	20.60
	75	LOW	Q16	19.63	19.57	19.36	20.60
5	1	LOW	64QAM	20.21	19.84	20.03	20.60
		MID	64QAM	20.13	20.11	19.73	20.60
		HIGH	64QAM	20.26	20.10	20.01	20.60
	36	LOW	64QAM	19.73	19.86	19.67	20.60
		MID	64QAM	19.65	19.55	19.64	20.60
		HIGH	64QAM	19.76	19.67	19.52	20.60
	75	LOW	64QAM	19.54	19.58	19.57	20.60

LTE B4-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.41	19.28	20.60
		MID	QPSK	19.28	19.50	19.13	20.60
		HIGH	QPSK	19.29	19.34	19.20	20.60
	50	LOW	QPSK	19.47	19.50	19.37	20.60
		MID	QPSK	19.53	19.54	19.38	20.60
		HIGH	QPSK	19.52	19.36	19.26	20.60
	100	LOW	QPSK	19.51	19.40	19.34	20.60
10	1	LOW	Q16	20.17	19.93	19.79	20.60
		MID	Q16	20.17	19.97	19.82	20.60
		HIGH	Q16	20.15	20.17	19.86	20.60
	50	LOW	Q16	19.64	19.85	19.54	20.60
		MID	Q16	19.58	19.88	19.51	20.60
		HIGH	Q16	19.72	19.75	19.56	20.60
	100	LOW	Q16	19.60	19.59	19.39	20.60
10	1	LOW	64QAM	20.02	19.81	20.00	20.60
		MID	64QAM	20.07	20.05	19.74	20.60
		HIGH	64QAM	20.20	20.11	19.82	20.60
	50	LOW	64QAM	19.74	19.81	19.71	20.60
		MID	64QAM	19.52	19.58	19.66	20.60
		HIGH	64QAM	19.87	19.44	19.55	20.60
	100	LOW	64QAM	19.75	19.58	19.73	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.35	19.63	19.15	20.60
		MID	QPSK	19.31	19.28	19.18	20.60
		HIGH	QPSK	19.18	19.29	19.24	20.60
	36	LOW	QPSK	19.52	19.56	19.23	20.60
		MID	QPSK	19.60	19.55	19.38	20.60
		HIGH	QPSK	19.49	19.40	19.36	20.60
	75	LOW	QPSK	19.42	19.37	19.22	20.60
15	1	LOW	Q16	19.88	20.12	19.80	20.60
		MID	Q16	20.16	19.89	19.77	20.60
		HIGH	Q16	20.17	20.02	19.94	20.60
	36	LOW	Q16	19.75	19.79	19.40	20.60
		MID	Q16	19.72	19.68	19.34	20.60
		HIGH	Q16	19.71	19.73	19.60	20.60
	75	LOW	Q16	19.52	19.80	19.61	20.60
15	1	LOW	64QAM	20.01	19.78	20.07	20.60
		MID	64QAM	20.16	19.90	19.88	20.60
		HIGH	64QAM	20.11	20.01	19.73	20.60
	36	LOW	64QAM	19.85	19.74	19.46	20.60
		MID	64QAM	19.44	19.50	19.57	20.60
		HIGH	64QAM	19.79	19.59	19.40	20.60
	75	LOW	64QAM	19.68	19.69	19.64	20.60
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.30	19.51	19.23	20.60
		MID	QPSK	19.42	19.43	19.17	20.60
		HIGH	QPSK	19.32	19.42	19.31	20.60
	50	LOW	QPSK	19.55	19.60	19.30	20.60
		MID	QPSK	19.51	19.49	19.35	20.60
		HIGH	QPSK	19.50	19.40	19.38	20.60
	100	LOW	QPSK	19.45	19.49	19.35	20.60
20	1	LOW	Q16	20.03	20.05	19.88	20.60
		MID	Q16	20.05	20.00	19.83	20.60
		HIGH	Q16	20.06	20.09	19.95	20.60
	50	LOW	Q16	19.76	19.78	19.47	20.60
		MID	Q16	19.72	19.74	19.48	20.60
		HIGH	Q16	19.74	19.61	19.50	20.60
	100	LOW	Q16	19.64	19.69	19.48	20.60
20	1	LOW	64QAM	20.15	19.90	19.99	20.60
		MID	64QAM	20.02	20.04	19.85	20.60
		HIGH	64QAM	20.12	20.00	19.87	20.60
	50	LOW	64QAM	19.79	19.87	19.60	20.60
		MID	64QAM	19.57	19.63	19.51	20.60
		HIGH	64QAM	19.76	19.56	19.53	20.60
	100	LOW	64QAM	19.64	19.67	19.59	20.60

LTE B4-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.93	23.86	23.61	25.10
		MID	QPSK	24.08	23.99	23.84	25.10
		HIGH	QPSK	23.73	23.95	23.82	25.10
	3	LOW	QPSK	23.93	23.94	23.85	25.10
		MID	QPSK	24.07	23.95	23.77	25.10
		HIGH	QPSK	23.78	23.87	23.87	25.10
6	LOW	QPSK	23.13	22.99	22.87	24.10	
1.4	1	LOW	Q16	23.45	23.49	23.16	24.10
		MID	Q16	23.53	23.36	23.30	24.10
		HIGH	Q16	23.32	23.52	23.38	24.10
	3	LOW	Q16	23.60	23.55	23.17	24.10
		MID	Q16	23.62	23.49	23.25	24.10
		HIGH	Q16	23.31	23.49	23.38	24.10
6	LOW	Q16	22.25	22.22	22.10	23.10	
1.4	1	LOW	64QAM	22.35	22.42	22.19	23.10
		MID	64QAM	22.42	22.48	22.34	23.10
		HIGH	64QAM	22.44	22.25	22.16	23.10
	3	LOW	64QAM	22.39	22.60	22.44	23.10
		MID	64QAM	22.45	22.38	22.31	23.10
		HIGH	64QAM	22.54	22.52	22.20	23.10
6	LOW	64QAM	21.03	21.30	20.86	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.78	24.09	23.61	25.10
		MID	QPSK	24.01	23.96	23.64	25.10
		HIGH	QPSK	23.74	24.06	23.86	25.10
	8	LOW	QPSK	22.88	22.93	22.99	24.10
		MID	QPSK	23.01	23.23	23.08	24.10
		HIGH	QPSK	23.19	23.00	22.95	24.10
15	LOW	QPSK	23.07	22.98	22.97	24.10	
3	1	LOW	Q16	23.36	23.42	23.39	24.10
		MID	Q16	23.41	23.37	23.29	24.10
		HIGH	Q16	23.39	23.49	23.27	24.10
	8	LOW	Q16	22.06	22.41	21.87	23.10
		MID	Q16	22.08	22.31	22.13	23.10
		HIGH	Q16	22.35	22.06	21.98	23.10
15	LOW	Q16	22.09	22.33	21.94	23.10	
3	1	LOW	64QAM	22.47	22.43	22.40	23.10
		MID	64QAM	22.30	22.22	22.33	23.10
		HIGH	64QAM	22.37	22.27	22.33	23.10
	8	LOW	64QAM	21.15	21.48	21.23	22.10
		MID	64QAM	20.97	21.16	20.99	22.10
		HIGH	64QAM	21.19	21.22	20.98	22.10
15	LOW	64QAM	21.25	21.40	21.00	22.10	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.94	24.03	23.86	25.10
		MID	QPSK	23.94	23.81	23.83	25.10
		HIGH	QPSK	23.97	24.03	23.87	25.10
	36	LOW	QPSK	23.10	22.97	23.01	24.10
		MID	QPSK	23.13	23.16	22.96	24.10
		HIGH	QPSK	22.95	23.07	23.09	24.10
75	LOW	QPSK	22.98	23.06	22.97	24.10	
5	1	LOW	Q16	23.38	23.33	23.32	24.10
		MID	Q16	23.39	23.21	23.24	24.10
		HIGH	Q16	23.33	23.34	23.21	24.10
	36	LOW	Q16	22.18	22.30	22.04	23.10
		MID	Q16	22.19	22.33	22.17	23.10
		HIGH	Q16	22.20	22.11	21.98	23.10
75	LOW	Q16	22.15	22.29	21.87	23.10	
5	1	LOW	64QAM	22.39	22.47	22.31	23.10
		MID	64QAM	22.42	22.23	22.18	23.10
		HIGH	64QAM	22.42	22.22	22.21	23.10
	36	LOW	64QAM	21.27	21.44	21.04	22.10
		MID	64QAM	21.23	21.34	20.98	22.10
		HIGH	64QAM	21.24	21.14	21.05	22.10
75	LOW	64QAM	20.97	21.32	20.98	22.10	

LTE B4-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.93	23.94	23.83	25.10
		MID	QPSK	23.81	23.83	23.87	25.10
		HIGH	QPSK	23.91	24.03	23.96	25.10
	50	LOW	QPSK	23.16	23.09	23.01	24.10
		MID	QPSK	23.06	23.25	22.81	24.10
		HIGH	QPSK	23.19	22.96	23.04	24.10
	100	LOW	QPSK	23.00	22.94	22.76	24.10
10	1	LOW	Q16	23.50	23.49	23.16	24.10
		MID	Q16	23.46	23.30	23.31	24.10
		HIGH	Q16	23.41	23.34	23.28	24.10
	50	LOW	Q16	22.13	22.30	21.94	23.10
		MID	Q16	22.11	22.08	22.19	23.10
		HIGH	Q16	22.16	22.03	22.02	23.10
	100	LOW	Q16	22.33	22.14	22.02	23.10
10	1	LOW	64QAM	22.43	22.38	22.32	23.10
		MID	64QAM	22.51	22.27	22.26	23.10
		HIGH	64QAM	22.46	22.50	22.17	23.10
	50	LOW	64QAM	21.26	21.34	21.26	22.10
		MID	64QAM	21.20	21.25	20.94	22.10
		HIGH	64QAM	21.41	21.31	21.19	22.10
	100	LOW	64QAM	20.98	21.18	20.86	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.97	24.09	23.82	25.10
		MID	QPSK	24.05	23.83	23.86	25.10
		HIGH	QPSK	23.85	23.87	23.89	25.10
	36	LOW	QPSK	22.88	22.99	22.71	24.10
		MID	QPSK	23.05	23.04	22.97	24.10
		HIGH	QPSK	23.07	22.93	22.91	24.10
	75	LOW	QPSK	22.86	23.17	22.98	24.10
15	1	LOW	Q16	23.51	23.41	23.45	24.10
		MID	Q16	23.58	23.29	23.29	24.10
		HIGH	Q16	23.41	23.44	23.41	24.10
	36	LOW	Q16	22.30	22.20	22.08	23.10
		MID	Q16	22.16	22.28	21.93	23.10
		HIGH	Q16	22.36	22.11	22.00	23.10
	75	LOW	Q16	22.13	22.08	21.96	23.10
15	1	LOW	64QAM	22.54	22.43	22.32	23.10
		MID	64QAM	22.51	22.50	22.35	23.10
		HIGH	64QAM	22.34	22.41	22.33	23.10
	36	LOW	64QAM	21.36	21.41	20.99	22.10
		MID	64QAM	20.95	21.22	20.89	22.10
		HIGH	64QAM	21.29	21.07	21.07	22.10
	75	LOW	64QAM	20.95	21.25	21.08	22.10
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.83	24.01	23.76	25.10
		MID	QPSK	23.93	23.92	23.72	25.10
		HIGH	QPSK	23.84	23.93	23.84	25.10
	50	LOW	QPSK	23.02	23.08	22.86	24.10
		MID	QPSK	23.04	23.10	22.93	24.10
		HIGH	QPSK	23.05	22.96	22.95	24.10
	100	LOW	QPSK	23.01	23.04	22.89	24.10
20	1	LOW	Q16	23.48	23.48	23.30	24.10
		MID	Q16	23.47	23.35	23.23	24.10
		HIGH	Q16	23.44	23.44	23.36	24.10
	50	LOW	Q16	22.21	22.34	21.98	23.10
		MID	Q16	22.21	22.22	22.08	23.10
		HIGH	Q16	22.21	22.14	22.04	23.10
	100	LOW	Q16	22.18	22.19	22.01	23.10
20	1	LOW	64QAM	22.47	22.49	22.34	23.10
		MID	64QAM	22.43	22.35	22.21	23.10
		HIGH	64QAM	22.42	22.37	22.26	23.10
	50	LOW	64QAM	21.24	21.47	21.11	22.10
		MID	64QAM	21.08	21.19	20.93	22.10
		HIGH	64QAM	21.30	21.17	21.04	22.10
	100	LOW	64QAM	21.10	21.26	20.99	22.10

8.3.2 LTE Band4 Output Power

BL-SZ2270591-701

LTE B4-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)	
1.4	1	LOW	QPSK	24.30	24.30	24.27	25.50	
		MID	QPSK	24.14	24.21	24.21	25.50	
		HIGH	QPSK	24.16	24.47	24.17	25.50	
	3	LOW	QPSK	24.19	24.31	24.21	25.50	
		MID	QPSK	24.18	24.19	24.21	25.50	
		HIGH	QPSK	24.36	24.37	24.07	25.50	
1.4	6	LOW	QPSK	23.25	23.51	23.41	24.50	
		1	LOW	Q16	23.70	23.93	23.65	24.50
			MID	Q16	23.74	23.66	23.58	24.50
	HIGH		Q16	23.90	23.98	23.77	24.50	
	3	LOW	Q16	23.99	23.81	23.54	24.50	
		MID	Q16	23.82	23.77	23.77	24.50	
HIGH		Q16	23.82	23.97	23.68	24.50		
1.4	6	LOW	Q16	22.44	22.56	22.33	23.50	
		1	LOW	64QAM	22.93	22.88	22.63	23.50
			MID	64QAM	23.02	23.02	22.47	23.50
	3		HIGH	64QAM	22.73	22.99	22.79	23.50
		LOW	64QAM	22.67	22.89	22.63	23.50	
		MID	64QAM	23.06	22.78	22.40	23.50	
1.4	6	HIGH	64QAM	22.83	23.03	22.86	23.50	
		LOW	64QAM	21.38	21.42	21.21	22.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
	3	1	LOW	QPSK	24.31	24.50	24.25	25.50
			MID	QPSK	24.17	24.40	23.98	25.50
HIGH			QPSK	24.28	24.34	24.21	25.50	
8		LOW	QPSK	23.43	23.40	23.20	24.50	
		MID	QPSK	23.43	23.52	23.40	24.50	
		HIGH	QPSK	23.54	23.28	23.18	24.50	
3	15	LOW	QPSK	23.40	23.55	23.19	24.50	
		1	LOW	Q16	23.95	23.94	23.79	24.50
			MID	Q16	23.89	23.91	23.50	24.50
	8		HIGH	Q16	23.87	23.70	23.85	24.50
		LOW	Q16	22.52	22.56	22.30	23.50	
		MID	Q16	22.46	22.61	22.46	23.50	
3	15	HIGH	Q16	22.71	22.48	22.30	23.50	
		LOW	Q16	22.57	22.61	22.42	23.50	
		1	LOW	64QAM	22.83	23.03	22.60	23.50
	MID		64QAM	23.07	23.03	22.62	23.50	
	HIGH		64QAM	22.71	23.11	22.71	23.50	
	8	LOW	64QAM	21.51	21.73	21.13	22.50	
MID		64QAM	21.67	21.69	21.54	22.50		
HIGH		64QAM	21.57	21.55	21.36	22.50		
15	LOW	64QAM	21.50	21.57	21.16	22.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)	
5	1	LOW	QPSK	24.02	24.45	24.28	25.50	
		MID	QPSK	24.44	24.28	24.18	25.50	
		HIGH	QPSK	24.10	24.43	24.19	25.50	
	36	LOW	QPSK	23.59	23.58	23.11	24.50	
		MID	QPSK	23.35	23.48	23.35	24.50	
		HIGH	QPSK	23.32	23.29	23.44	24.50	
5	75	LOW	QPSK	23.35	23.51	23.32	24.50	
		1	LOW	Q16	23.71	23.75	23.81	24.50
			MID	Q16	23.86	23.76	23.67	24.50
	36		HIGH	Q16	23.85	23.78	23.73	24.50
		LOW	Q16	22.57	22.54	22.42	23.50	
		MID	Q16	22.67	22.62	22.59	23.50	
5	75	HIGH	Q16	22.53	22.41	22.36	23.50	
		LOW	Q16	22.37	22.44	22.34	23.50	
		1	LOW	64QAM	22.88	23.07	22.68	23.50
	MID		64QAM	22.86	22.99	22.42	23.50	
	HIGH		64QAM	22.80	22.91	22.91	23.50	
	36	LOW	64QAM	21.65	21.64	21.22	22.50	
MID		64QAM	21.56	21.44	21.38	22.50		
HIGH		64QAM	21.69	21.56	21.39	22.50		
75	LOW	64QAM	21.26	21.39	21.23	22.50		

LTE B4-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.28	24.28	24.15	25.50
		MID	QPSK	24.38	24.45	24.04	25.50
		HIGH	QPSK	24.35	24.36	24.09	25.50
	50	LOW	QPSK	23.59	23.61	23.28	24.50
		MID	QPSK	23.53	23.60	23.40	24.50
		HIGH	QPSK	23.52	23.44	23.45	24.50
100	LOW	QPSK	23.36	23.45	23.37	24.50	
10	1	LOW	Q16	23.84	23.88	23.54	24.50
		MID	Q16	23.74	23.79	23.51	24.50
		HIGH	Q16	23.78	23.74	23.87	24.50
	50	LOW	Q16	22.68	22.72	22.31	23.50
		MID	Q16	22.57	22.64	22.58	23.50
		HIGH	Q16	22.49	22.41	22.47	23.50
100	LOW	Q16	22.41	22.67	22.44	23.50	
10	1	LOW	64QAM	22.69	23.12	22.81	23.50
		MID	64QAM	22.97	22.96	22.66	23.50
		HIGH	64QAM	22.93	23.01	22.71	23.50
	50	LOW	64QAM	21.57	21.51	21.17	22.50
		MID	64QAM	21.49	21.47	21.42	22.50
		HIGH	64QAM	21.42	21.43	21.20	22.50
100	LOW	64QAM	21.38	21.45	21.30	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.17	24.35	24.15	25.50
		MID	QPSK	24.27	24.25	24.11	25.50
		HIGH	QPSK	24.16	24.37	24.36	25.50
	36	LOW	QPSK	23.47	23.65	23.37	24.50
		MID	QPSK	23.26	23.57	23.41	24.50
		HIGH	QPSK	23.42	23.23	23.24	24.50
75	LOW	QPSK	23.31	23.35	23.35	24.50	
15	1	LOW	Q16	23.75	23.85	23.72	24.50
		MID	Q16	23.93	23.77	23.54	24.50
		HIGH	Q16	23.88	23.97	23.81	24.50
	36	LOW	Q16	22.54	22.74	22.44	23.50
		MID	Q16	22.45	22.61	22.44	23.50
		HIGH	Q16	22.49	22.40	22.39	23.50
75	LOW	Q16	22.58	22.62	22.35	23.50	
15	1	LOW	64QAM	22.82	23.08	22.69	23.50
		MID	64QAM	22.86	22.89	22.43	23.50
		HIGH	64QAM	22.70	22.95	22.89	23.50
	36	LOW	64QAM	21.44	21.47	21.27	22.50
		MID	64QAM	21.42	21.72	21.44	22.50
		HIGH	64QAM	21.53	21.61	21.19	22.50
75	LOW	64QAM	21.42	21.34	21.10	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.17	24.40	24.15	25.50
		MID	QPSK	24.29	24.33	24.09	25.50
		HIGH	QPSK	24.22	24.35	24.22	25.50
	50	LOW	QPSK	23.46	23.50	23.25	24.50
		MID	QPSK	23.40	23.45	23.31	24.50
		HIGH	QPSK	23.45	23.33	23.33	24.50
100	LOW	QPSK	23.33	23.42	23.26	24.50	
20	1	LOW	Q16	23.85	23.86	23.69	24.50
		MID	Q16	23.89	23.78	23.65	24.50
		HIGH	Q16	23.85	23.83	23.78	24.50
	50	LOW	Q16	22.60	22.64	22.37	23.50
		MID	Q16	22.59	22.63	22.45	23.50
		HIGH	Q16	22.62	22.53	22.43	23.50
100	LOW	Q16	22.52	22.53	22.40	23.50	
20	1	LOW	64QAM	22.80	23.01	22.67	23.50
		MID	64QAM	22.92	22.90	22.54	23.50
		HIGH	64QAM	22.82	22.96	22.86	23.50
	50	LOW	64QAM	21.53	21.59	21.27	22.50
		MID	64QAM	21.55	21.59	21.46	22.50
		HIGH	64QAM	21.54	21.46	21.28	22.50
100	LOW	64QAM	21.39	21.43	21.25	22.50	

LTE B4-DSI1&2 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)	
1.4	1	LOW	QPSK	24.30	24.30	24.27	25.50	
		MID	QPSK	24.14	24.21	24.21	25.50	
		HIGH	QPSK	24.16	24.47	24.17	25.50	
	3	LOW	QPSK	24.19	24.31	24.21	25.50	
		MID	QPSK	24.18	24.19	24.21	25.50	
		HIGH	QPSK	24.36	24.37	24.07	25.50	
1.4	1	LOW	QPSK	23.25	23.51	23.41	24.50	
		LOW	Q16	23.70	23.93	23.65	24.50	
		MID	Q16	23.74	23.66	23.58	24.50	
	3	HIGH	Q16	23.90	23.98	23.77	24.50	
		LOW	Q16	23.99	23.81	23.54	24.50	
		MID	Q16	23.82	23.77	23.77	24.50	
1.4	1	HIGH	Q16	23.82	23.97	23.68	24.50	
		LOW	Q16	22.44	22.56	22.33	23.50	
		LOW	64QAM	22.93	22.88	22.63	23.50	
	3	MID	64QAM	23.02	23.02	22.47	23.50	
		HIGH	64QAM	22.73	22.99	22.79	23.50	
		LOW	64QAM	22.67	22.89	22.63	23.50	
1.4	1	MID	64QAM	23.06	22.78	22.40	23.50	
		HIGH	64QAM	22.83	23.03	22.86	23.50	
		LOW	64QAM	21.38	21.42	21.21	22.50	
	3	1	LOW	QPSK	24.31	24.50	24.25	25.50
			MID	QPSK	24.17	24.40	23.98	25.50
			HIGH	QPSK	24.28	24.34	24.21	25.50
8		LOW	QPSK	23.43	23.40	23.20	24.50	
		MID	QPSK	23.43	23.52	23.40	24.50	
		HIGH	QPSK	23.54	23.28	23.18	24.50	
3	1	LOW	QPSK	23.40	23.55	23.19	24.50	
		LOW	Q16	23.95	23.94	23.79	24.50	
		MID	Q16	23.89	23.91	23.50	24.50	
	8	HIGH	Q16	23.87	23.70	23.85	24.50	
		LOW	Q16	22.52	22.56	22.30	23.50	
		MID	Q16	22.46	22.61	22.46	23.50	
3	1	HIGH	Q16	22.71	22.48	22.30	23.50	
		LOW	Q16	22.57	22.61	22.42	23.50	
		LOW	64QAM	22.83	23.03	22.60	23.50	
	8	MID	64QAM	23.07	23.03	22.62	23.50	
		HIGH	64QAM	22.71	23.11	22.71	23.50	
		LOW	64QAM	21.51	21.73	21.13	22.50	
3	1	MID	64QAM	21.67	21.69	21.54	22.50	
		HIGH	64QAM	21.57	21.55	21.36	22.50	
		LOW	64QAM	21.50	21.57	21.16	22.50	
	5	1	LOW	QPSK	24.02	24.45	24.28	25.50
			MID	QPSK	24.44	24.28	24.18	25.50
			HIGH	QPSK	24.10	24.43	24.19	25.50
36		LOW	QPSK	23.59	23.58	23.11	24.50	
		MID	QPSK	23.35	23.48	23.35	24.50	
		HIGH	QPSK	23.32	23.29	23.44	24.50	
5	1	LOW	QPSK	23.35	23.51	23.32	24.50	
		LOW	Q16	23.71	23.75	23.81	24.50	
		MID	Q16	23.86	23.76	23.67	24.50	
	36	HIGH	Q16	23.85	23.78	23.73	24.50	
		LOW	Q16	22.57	22.54	22.42	23.50	
		MID	Q16	22.67	22.62	22.59	23.50	
5	1	HIGH	Q16	22.53	22.41	22.36	23.50	
		LOW	Q16	22.37	22.44	22.34	23.50	
		LOW	64QAM	22.88	23.07	22.68	23.50	
	36	MID	64QAM	22.86	22.99	22.42	23.50	
		HIGH	64QAM	22.80	22.91	22.91	23.50	
		LOW	64QAM	21.65	21.64	21.22	22.50	
5	1	MID	64QAM	21.56	21.44	21.38	22.50	
		HIGH	64QAM	21.69	21.56	21.39	22.50	
		LOW	64QAM	21.26	21.39	21.23	22.50	

LTE B4-DSI1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.28	24.28	24.15	25.50
		MID	QPSK	24.38	24.45	24.04	25.50
		HIGH	QPSK	24.35	24.36	24.09	25.50
	50	LOW	QPSK	23.59	23.61	23.28	24.50
		MID	QPSK	23.53	23.60	23.40	24.50
		HIGH	QPSK	23.52	23.44	23.45	24.50
100	LOW	QPSK	23.36	23.45	23.37	24.50	
10	1	LOW	Q16	23.84	23.88	23.54	24.50
		MID	Q16	23.74	23.79	23.51	24.50
		HIGH	Q16	23.78	23.74	23.87	24.50
	50	LOW	Q16	22.68	22.72	22.31	23.50
		MID	Q16	22.57	22.64	22.58	23.50
		HIGH	Q16	22.49	22.41	22.47	23.50
100	LOW	Q16	22.41	22.67	22.44	23.50	
10	1	LOW	64QAM	22.69	23.12	22.81	23.50
		MID	64QAM	22.97	22.96	22.66	23.50
		HIGH	64QAM	22.93	23.01	22.71	23.50
	50	LOW	64QAM	21.57	21.51	21.17	22.50
		MID	64QAM	21.49	21.47	21.42	22.50
		HIGH	64QAM	21.42	21.43	21.20	22.50
100	LOW	64QAM	21.38	21.45	21.30	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.17	24.35	24.15	25.50
		MID	QPSK	24.27	24.25	24.11	25.50
		HIGH	QPSK	24.16	24.37	24.36	25.50
	36	LOW	QPSK	23.47	23.65	23.37	24.50
		MID	QPSK	23.26	23.57	23.41	24.50
		HIGH	QPSK	23.42	23.23	23.24	24.50
75	LOW	QPSK	23.31	23.35	23.35	24.50	
15	1	LOW	Q16	23.75	23.85	23.72	24.50
		MID	Q16	23.93	23.77	23.54	24.50
		HIGH	Q16	23.88	23.97	23.81	24.50
	36	LOW	Q16	22.54	22.74	22.44	23.50
		MID	Q16	22.45	22.61	22.44	23.50
		HIGH	Q16	22.49	22.40	22.39	23.50
75	LOW	Q16	22.58	22.62	22.35	23.50	
15	1	LOW	64QAM	22.82	23.08	22.69	23.50
		MID	64QAM	22.86	22.89	22.43	23.50
		HIGH	64QAM	22.70	22.95	22.89	23.50
	36	LOW	64QAM	21.44	21.47	21.27	22.50
		MID	64QAM	21.42	21.72	21.44	22.50
		HIGH	64QAM	21.53	21.61	21.19	22.50
75	LOW	64QAM	21.42	21.34	21.10	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.17	24.40	24.15	25.50
		MID	QPSK	24.29	24.33	24.09	25.50
		HIGH	QPSK	24.22	24.35	24.22	25.50
	50	LOW	QPSK	23.46	23.50	23.25	24.50
		MID	QPSK	23.40	23.45	23.31	24.50
		HIGH	QPSK	23.45	23.33	23.33	24.50
100	LOW	QPSK	23.33	23.42	23.26	24.50	
20	1	LOW	Q16	23.85	23.86	23.69	24.50
		MID	Q16	23.89	23.78	23.65	24.50
		HIGH	Q16	23.85	23.83	23.78	24.50
	50	LOW	Q16	22.60	22.64	22.37	23.50
		MID	Q16	22.59	22.63	22.45	23.50
		HIGH	Q16	22.62	22.53	22.43	23.50
100	LOW	Q16	22.52	22.53	22.40	23.50	
20	1	LOW	64QAM	22.80	23.01	22.67	23.50
		MID	64QAM	22.92	22.90	22.54	23.50
		HIGH	64QAM	22.82	22.96	22.86	23.50
	50	LOW	64QAM	21.53	21.59	21.27	22.50
		MID	64QAM	21.55	21.59	21.46	22.50
		HIGH	64QAM	21.54	21.46	21.28	22.50
100	LOW	64QAM	21.39	21.43	21.25	22.50	

LTE B4-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.73	20.91	20.81	22.50
		MID	QPSK	20.77	20.93	20.73	22.50
		HIGH	QPSK	20.78	20.88	20.63	22.50
	3	LOW	QPSK	20.76	21.04	20.87	22.50
		MID	QPSK	20.71	21.01	20.72	22.50
		HIGH	QPSK	20.91	20.91	20.78	22.50
6	LOW	QPSK	20.89	20.93	20.76	22.50	
1.4	1	LOW	Q16	21.44	21.50	21.20	22.50
		MID	Q16	21.67	21.65	21.33	22.50
		HIGH	Q16	21.56	21.44	21.43	22.50
	3	LOW	Q16	21.41	21.54	21.23	22.50
		MID	Q16	21.72	21.49	21.39	22.50
		HIGH	Q16	21.54	21.42	21.38	22.50
6	LOW	Q16	20.99	21.20	20.89	22.50	
1.4	1	LOW	64QAM	21.55	21.59	21.46	22.50
		MID	64QAM	21.52	21.66	21.29	22.50
		HIGH	64QAM	21.64	21.42	21.49	22.50
	3	LOW	64QAM	21.46	21.72	21.54	22.50
		MID	64QAM	21.53	21.56	21.29	22.50
		HIGH	64QAM	21.63	21.59	21.59	22.50
6	LOW	64QAM	21.02	21.24	20.97	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.62	20.92	20.75	22.50
		MID	QPSK	20.72	21.06	20.59	22.50
		HIGH	QPSK	20.79	20.87	20.67	22.50
	8	LOW	QPSK	21.02	20.99	20.96	22.50
		MID	QPSK	20.86	20.95	20.97	22.50
		HIGH	QPSK	21.10	21.02	20.91	22.50
15	LOW	QPSK	20.88	21.05	20.84	22.50	
3	1	LOW	Q16	21.36	21.53	21.29	22.50
		MID	Q16	21.61	21.64	21.22	22.50
		HIGH	Q16	21.50	21.54	21.52	22.50
	8	LOW	Q16	21.24	21.39	21.07	22.50
		MID	Q16	21.31	21.37	20.99	22.50
		HIGH	Q16	21.27	21.24	20.96	22.50
15	LOW	Q16	21.21	21.24	20.91	22.50	
3	1	LOW	64QAM	21.61	21.60	21.58	22.50
		MID	64QAM	21.59	21.54	21.42	22.50
		HIGH	64QAM	21.46	21.70	21.51	22.50
	8	LOW	64QAM	21.11	21.43	21.08	22.50
		MID	64QAM	21.33	21.09	21.09	22.50
		HIGH	64QAM	21.37	21.15	21.07	22.50
15	LOW	64QAM	20.87	21.07	20.87	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.64	20.84	20.75	22.50
		MID	QPSK	20.93	20.89	20.56	22.50
		HIGH	QPSK	20.91	20.95	20.64	22.50
	36	LOW	QPSK	20.92	21.14	20.67	22.50
		MID	QPSK	21.11	21.02	20.92	22.50
		HIGH	QPSK	20.98	21.07	20.88	22.50
75	LOW	QPSK	20.96	21.02	20.75	22.50	
5	1	LOW	Q16	21.36	21.70	21.46	22.50
		MID	Q16	21.66	21.53	21.44	22.50
		HIGH	Q16	21.62	21.65	21.53	22.50
	36	LOW	Q16	21.14	21.17	21.10	22.50
		MID	Q16	21.05	21.20	21.04	22.50
		HIGH	Q16	21.21	21.19	21.09	22.50
75	LOW	Q16	20.99	21.24	21.12	22.50	
5	1	LOW	64QAM	21.47	21.80	21.52	22.50
		MID	64QAM	21.72	21.53	21.24	22.50
		HIGH	64QAM	21.41	21.45	21.43	22.50
	36	LOW	64QAM	21.29	21.34	20.99	22.50
		MID	64QAM	21.39	21.16	20.94	22.50
		HIGH	64QAM	21.34	21.04	20.85	22.50
75	LOW	64QAM	21.09	21.25	21.02	22.50	

LTE B4-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.86	21.03	20.72	22.50
		MID	QPSK	20.97	21.05	20.67	22.50
		HIGH	QPSK	20.70	20.88	20.85	22.50
	50	LOW	QPSK	21.06	21.05	20.83	22.50
		MID	QPSK	21.12	21.06	20.78	22.50
		HIGH	QPSK	21.01	20.80	20.85	22.50
100	LOW	QPSK	20.77	20.91	20.80	22.50	
10	1	LOW	Q16	21.62	21.55	21.26	22.50
		MID	Q16	21.56	21.50	21.36	22.50
		HIGH	Q16	21.43	21.61	21.30	22.50
	50	LOW	Q16	21.22	21.16	20.97	22.50
		MID	Q16	21.15	21.07	20.90	22.50
		HIGH	Q16	21.24	21.04	21.07	22.50
100	LOW	Q16	21.04	21.23	20.96	22.50	
10	1	LOW	64QAM	21.51	21.76	21.42	22.50
		MID	64QAM	21.73	21.62	21.37	22.50
		HIGH	64QAM	21.44	21.51	21.40	22.50
	50	LOW	64QAM	21.17	21.37	21.02	22.50
		MID	64QAM	21.26	21.10	21.07	22.50
		HIGH	64QAM	21.21	21.26	20.86	22.50
100	LOW	64QAM	21.11	21.28	20.99	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.66	20.99	20.64	22.50
		MID	QPSK	20.75	20.81	20.51	22.50
		HIGH	QPSK	20.70	21.02	20.74	22.50
	36	LOW	QPSK	21.14	21.02	20.82	22.50
		MID	QPSK	20.97	21.01	20.84	22.50
		HIGH	QPSK	20.97	20.83	20.93	22.50
75	LOW	QPSK	20.86	21.08	20.80	22.50	
15	1	LOW	Q16	21.53	21.47	21.50	22.50
		MID	Q16	21.45	21.58	21.27	22.50
		HIGH	Q16	21.50	21.59	21.52	22.50
	36	LOW	Q16	21.36	21.29	20.83	22.50
		MID	Q16	21.24	21.24	21.12	22.50
		HIGH	Q16	21.34	21.19	20.90	22.50
75	LOW	Q16	21.17	21.30	21.00	22.50	
15	1	LOW	64QAM	21.66	21.57	21.47	22.50
		MID	64QAM	21.68	21.76	21.18	22.50
		HIGH	64QAM	21.66	21.51	21.38	22.50
	36	LOW	64QAM	21.27	21.36	20.93	22.50
		MID	64QAM	21.31	21.18	20.98	22.50
		HIGH	64QAM	21.40	21.17	20.90	22.50
75	LOW	64QAM	21.08	21.06	21.06	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.76	20.93	20.72	22.50
		MID	QPSK	20.84	20.91	20.66	22.50
		HIGH	QPSK	20.80	20.94	20.75	22.50
	50	LOW	QPSK	20.99	21.10	20.82	22.50
		MID	QPSK	20.99	21.03	20.84	22.50
		HIGH	QPSK	21.01	20.92	20.87	22.50
100	LOW	QPSK	20.90	21.02	20.84	22.50	
20	1	LOW	Q16	21.49	21.59	21.35	22.50
		MID	Q16	21.57	21.52	21.32	22.50
		HIGH	Q16	21.53	21.55	21.45	22.50
	50	LOW	Q16	21.24	21.31	20.96	22.50
		MID	Q16	21.20	21.22	21.02	22.50
		HIGH	Q16	21.25	21.13	21.02	22.50
100	LOW	Q16	21.14	21.17	21.02	22.50	
20	1	LOW	64QAM	21.56	21.68	21.49	22.50
		MID	64QAM	21.64	21.61	21.33	22.50
		HIGH	64QAM	21.52	21.55	21.49	22.50
	50	LOW	64QAM	21.25	21.42	21.06	22.50
		MID	64QAM	21.32	21.07	21.08	22.50
		HIGH	64QAM	21.25	21.15	20.93	22.50
100	LOW	64QAM	21.02	21.15	20.98	22.50	

8.3.3 LTE Band5 Output Power

BL-SZ2270591-701

LTE B5-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.21	24.25	24.50	25.20
		MID	QPSK	24.27	24.22	24.48	25.20
		HIGH	QPSK	24.13	24.31	24.37	25.20
	3	LOW	QPSK	24.20	24.16	24.29	25.20
		MID	QPSK	24.40	24.41	24.47	25.20
		HIGH	QPSK	24.19	24.40	24.26	25.20
	6	LOW	QPSK	23.12	23.30	23.14	24.20
	1.4	LOW	Q16	23.18	23.70	23.35	24.20
		MID	Q16	22.92	23.61	23.19	24.20
		HIGH	Q16	23.12	23.51	23.24	24.20
		LOW	Q16	23.12	23.46	23.42	24.20
		MID	Q16	23.20	23.51	23.36	24.20
		HIGH	Q16	23.17	23.47	23.37	24.20
1.4	1	LOW	Q16	22.28	22.44	22.42	23.20
		MID	Q16	22.28	22.44	22.42	23.20
		HIGH	Q16	22.28	22.44	22.42	23.20
	3	LOW	64QAM	21.93	22.36	22.38	23.20
		MID	64QAM	22.03	22.87	22.37	23.20
		HIGH	64QAM	22.00	22.52	22.13	23.20
	6	LOW	64QAM	21.94	22.32	22.46	23.20
		MID	64QAM	22.17	22.62	22.22	23.20
		HIGH	64QAM	21.97	22.57	22.12	23.20
3	1	LOW	64QAM	21.32	21.30	21.39	22.20
		MID	64QAM	21.32	21.30	21.39	22.20
		HIGH	64QAM	21.32	21.30	21.39	22.20
	3	LOW	64QAM	21.32	21.30	21.39	22.20
		MID	64QAM	21.32	21.30	21.39	22.20
		HIGH	64QAM	21.32	21.30	21.39	22.20
	6	LOW	64QAM	21.32	21.30	21.39	22.20
		MID	64QAM	21.32	21.30	21.39	22.20
		HIGH	64QAM	21.32	21.30	21.39	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.33	24.42	24.27	25.20
		MID	QPSK	24.10	24.26	24.20	25.20
		HIGH	QPSK	24.21	24.45	24.54	25.20
	8	LOW	QPSK	23.29	23.35	23.41	24.20
		MID	QPSK	23.23	23.17	23.28	24.20
		HIGH	QPSK	23.20	23.37	23.35	24.20
	15	LOW	QPSK	23.24	23.10	23.18	24.20
	3	LOW	Q16	23.25	23.50	23.21	24.20
		MID	Q16	23.16	23.57	23.25	24.20
		HIGH	Q16	23.13	23.68	23.25	24.20
3	8	LOW	Q16	22.09	22.38	22.38	23.20
		MID	Q16	22.26	22.35	22.53	23.20
		HIGH	Q16	22.24	22.20	22.44	23.20
	15	LOW	Q16	22.24	22.35	22.47	23.20
	1	LOW	64QAM	22.04	22.31	22.49	23.20
		MID	64QAM	22.15	22.70	22.38	23.20
		HIGH	64QAM	21.87	22.58	22.31	23.20
	8	LOW	64QAM	21.44	21.59	21.68	22.20
		MID	64QAM	21.30	21.58	21.42	22.20
		HIGH	64QAM	21.28	21.22	21.42	22.20
3	15	LOW	64QAM	21.38	21.40	21.60	22.20

LTE B5-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.42	24.13	24.41	25.20
		MID	QPSK	24.39	24.17	24.34	25.20
		HIGH	QPSK	24.15	24.31	24.39	25.20
	12	LOW	QPSK	23.18	23.33	23.17	24.20
		MID	QPSK	23.25	23.41	23.36	24.20
		HIGH	QPSK	23.30	23.13	23.35	24.20
	25	LOW	QPSK	23.31	23.23	23.33	24.20
5	1	LOW	Q16	22.99	23.66	23.12	24.20
		MID	Q16	22.93	23.42	23.36	24.20
		HIGH	Q16	23.12	23.53	23.17	24.20
	12	LOW	Q16	22.27	22.36	22.34	23.20
		MID	Q16	22.28	22.36	22.45	23.20
		HIGH	Q16	22.29	22.38	22.22	23.20
	25	LOW	Q16	22.32	22.34	22.39	23.20
5	1	LOW	64QAM	22.04	22.47	22.39	23.20
		MID	64QAM	22.00	22.65	22.22	23.20
		HIGH	64QAM	22.08	22.81	22.42	23.20
	12	LOW	64QAM	21.30	21.54	21.50	22.20
		MID	64QAM	21.37	21.46	21.51	22.20
		HIGH	64QAM	21.48	21.32	21.29	22.20
	25	LOW	64QAM	21.32	21.31	21.60	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.30	24.28	24.37	25.20
		MID	QPSK	24.25	24.26	24.34	25.20
		HIGH	QPSK	24.28	24.31	24.40	25.20
	25	LOW	QPSK	23.24	23.26	23.29	24.20
		MID	QPSK	23.35	23.32	23.32	24.20
		HIGH	QPSK	23.26	23.25	23.25	24.20
50	LOW	QPSK	23.27	23.23	23.26	24.20	
10	1	LOW	Q16	23.12	23.57	23.27	24.20
		MID	Q16	23.05	23.57	23.26	24.20
		HIGH	Q16	23.09	23.61	23.27	24.20
	25	LOW	Q16	22.21	22.32	22.42	23.20
		MID	Q16	22.34	22.31	22.44	23.20
		HIGH	Q16	22.34	22.28	22.37	23.20
50	LOW	Q16	22.27	22.32	22.34	23.20	
10	1	LOW	64QAM	21.98	22.42	22.40	23.20
		MID	64QAM	22.05	22.72	22.30	23.20
		HIGH	64QAM	21.98	22.66	22.27	23.20
	25	LOW	64QAM	21.33	21.45	21.53	22.20
		MID	64QAM	21.31	21.43	21.56	22.20
		HIGH	64QAM	21.33	21.17	21.42	22.20
50	LOW	64QAM	21.42	21.26	21.48	22.20	

LTE B5-DSI1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.74	22.67	22.70	23.70
		MID	QPSK	22.70	22.56	22.84	23.70
		HIGH	QPSK	22.70	22.83	22.93	23.70
	3	LOW	QPSK	22.67	22.79	22.75	23.70
		MID	QPSK	22.61	22.81	22.89	23.70
		HIGH	QPSK	22.83	22.89	22.77	23.70
	6	LOW	QPSK	22.71	22.70	22.81	23.70
	1.4	LOW	Q16	22.57	23.21	22.94	23.70
		MID	Q16	22.74	23.03	22.71	23.70
		HIGH	Q16	22.70	23.18	22.75	23.70
		LOW	Q16	22.50	22.92	22.75	23.70
		MID	Q16	22.53	23.11	22.75	23.70
		HIGH	Q16	22.67	23.16	22.73	23.70
1.4	1	LOW	Q16	22.34	22.47	22.52	23.20
		MID	Q16	22.34	22.47	22.52	23.20
		HIGH	Q16	22.34	22.47	22.52	23.20
	3	LOW	64QAM	22.07	22.61	22.35	23.20
		MID	64QAM	22.17	22.43	22.17	23.20
		HIGH	64QAM	22.19	22.38	22.22	23.20
	6	LOW	64QAM	21.87	22.43	22.41	23.20
		MID	64QAM	22.25	22.68	22.08	23.20
		HIGH	64QAM	22.08	22.60	22.23	23.20
3	1	LOW	64QAM	21.05	21.30	21.56	22.20
		MID	64QAM	21.05	21.30	21.56	22.20
		HIGH	64QAM	21.05	21.30	21.56	22.20
	3	LOW	64QAM	21.05	21.30	21.56	22.20
		MID	64QAM	21.05	21.30	21.56	22.20
		HIGH	64QAM	21.05	21.30	21.56	22.20
	6	LOW	64QAM	21.05	21.30	21.56	22.20
		MID	64QAM	21.05	21.30	21.56	22.20
		HIGH	64QAM	21.05	21.30	21.56	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.59	22.68	22.77	23.70
		MID	QPSK	22.73	22.55	22.84	23.70
		HIGH	QPSK	22.66	22.92	22.75	23.70
	8	LOW	QPSK	22.81	22.79	22.72	23.70
		MID	QPSK	22.65	22.85	22.75	23.70
		HIGH	QPSK	22.78	22.85	22.77	23.70
	15	LOW	QPSK	22.67	22.74	22.71	23.70
	3	LOW	Q16	22.67	23.12	22.73	23.70
		MID	Q16	22.62	23.11	22.63	23.70
		HIGH	Q16	22.71	23.10	22.85	23.70
		LOW	Q16	22.30	22.22	22.31	23.20
		MID	Q16	22.27	22.22	22.40	23.20
		HIGH	Q16	22.25	22.33	22.29	23.20
3	1	LOW	Q16	22.22	22.35	22.15	23.20
		MID	Q16	22.22	22.35	22.15	23.20
		HIGH	Q16	22.22	22.35	22.15	23.20
	8	LOW	64QAM	22.12	22.53	22.40	23.20
		MID	64QAM	22.10	22.44	22.17	23.20
		HIGH	64QAM	22.08	22.39	22.38	23.20
	15	LOW	64QAM	21.09	21.36	21.38	22.20
		MID	64QAM	21.21	21.31	21.46	22.20
		HIGH	64QAM	21.41	21.32	21.23	22.20
3	1	LOW	64QAM	21.23	21.16	21.17	22.20
		MID	64QAM	21.23	21.16	21.17	22.20
		HIGH	64QAM	21.23	21.16	21.17	22.20
	8	LOW	64QAM	21.23	21.16	21.17	22.20
		MID	64QAM	21.23	21.16	21.17	22.20
		HIGH	64QAM	21.23	21.16	21.17	22.20
	15	LOW	64QAM	21.23	21.16	21.17	22.20
		MID	64QAM	21.23	21.16	21.17	22.20
		HIGH	64QAM	21.23	21.16	21.17	22.20

LTE B5-DSI1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.75	22.71	22.80	23.70
		MID	QPSK	22.65	22.78	22.82	23.70
		HIGH	QPSK	22.57	22.69	22.96	23.70
	12	LOW	QPSK	22.70	22.80	22.95	23.70
		MID	QPSK	22.91	22.75	22.85	23.70
		HIGH	QPSK	22.70	22.64	22.66	23.70
	25	LOW	QPSK	22.67	22.81	22.72	23.70
5	1	LOW	Q16	22.49	23.20	22.69	23.70
		MID	Q16	22.68	23.00	22.84	23.70
		HIGH	Q16	22.74	23.26	22.62	23.70
	12	LOW	Q16	22.27	22.30	22.30	23.20
		MID	Q16	22.46	22.46	22.47	23.20
		HIGH	Q16	22.48	22.43	22.36	23.20
	25	LOW	Q16	22.39	22.40	22.39	23.20
5	1	LOW	64QAM	22.07	22.59	22.21	23.20
		MID	64QAM	22.06	22.67	22.16	23.20
		HIGH	64QAM	22.09	22.56	22.30	23.20
	12	LOW	64QAM	21.09	21.41	21.31	22.20
		MID	64QAM	21.14	21.35	21.64	22.20
		HIGH	64QAM	21.36	21.43	21.24	22.20
	25	LOW	64QAM	21.34	21.28	21.17	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.66	22.75	22.79	23.70
		MID	QPSK	22.62	22.70	22.77	23.70
		HIGH	QPSK	22.72	22.77	22.87	23.70
	25	LOW	QPSK	22.68	22.75	22.81	23.70
		MID	QPSK	22.79	22.79	22.83	23.70
		HIGH	QPSK	22.78	22.74	22.78	23.70
50	LOW	QPSK	22.78	22.78	22.78	23.70	
10	1	LOW	Q16	22.56	23.06	22.79	23.70
		MID	Q16	22.59	23.07	22.75	23.70
		HIGH	Q16	22.59	23.14	22.77	23.70
	25	LOW	Q16	22.19	22.32	22.43	23.20
		MID	Q16	22.32	22.34	22.39	23.20
		HIGH	Q16	22.33	22.28	22.34	23.20
50	LOW	Q16	22.31	22.27	22.30	23.20	
10	1	LOW	64QAM	22.01	22.49	22.34	23.20
		MID	64QAM	22.20	22.54	22.23	23.20
		HIGH	64QAM	22.15	22.50	22.27	23.20
	25	LOW	64QAM	21.11	21.44	21.41	22.20
		MID	64QAM	21.19	21.42	21.53	22.20
		HIGH	64QAM	21.34	21.28	21.19	22.20
50	LOW	64QAM	21.32	21.25	21.21	22.20	

LTE B5-DSI2&3&4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.21	24.25	24.50	25.20
		MID	QPSK	24.27	24.22	24.48	25.20
		HIGH	QPSK	24.13	24.31	24.37	25.20
	3	LOW	QPSK	24.20	24.16	24.29	25.20
		MID	QPSK	24.40	24.41	24.47	25.20
		HIGH	QPSK	24.19	24.40	24.26	25.20
	6	LOW	QPSK	23.12	23.30	23.14	24.20
1.4	1	LOW	Q16	23.18	23.70	23.35	24.20
		MID	Q16	22.92	23.61	23.19	24.20
		HIGH	Q16	23.12	23.51	23.24	24.20
	3	LOW	Q16	23.12	23.46	23.42	24.20
		MID	Q16	23.20	23.51	23.36	24.20
		HIGH	Q16	23.17	23.47	23.37	24.20
	6	LOW	Q16	22.28	22.44	22.42	23.20
1.4	1	LOW	64QAM	21.93	22.36	22.38	23.20
		MID	64QAM	22.03	22.87	22.37	23.20
		HIGH	64QAM	22.00	22.52	22.13	23.20
	3	LOW	64QAM	21.94	22.32	22.46	23.20
		MID	64QAM	22.17	22.62	22.22	23.20
		HIGH	64QAM	21.97	22.57	22.12	23.20
	6	LOW	64QAM	21.32	21.30	21.39	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.33	24.42	24.27	25.20
		MID	QPSK	24.10	24.26	24.20	25.20
		HIGH	QPSK	24.21	24.45	24.54	25.20
	8	LOW	QPSK	23.29	23.35	23.41	24.20
		MID	QPSK	23.23	23.17	23.28	24.20
		HIGH	QPSK	23.20	23.37	23.35	24.20
	15	LOW	QPSK	23.24	23.10	23.18	24.20
3	1	LOW	Q16	23.25	23.50	23.21	24.20
		MID	Q16	23.16	23.57	23.25	24.20
		HIGH	Q16	23.13	23.68	23.25	24.20
	8	LOW	Q16	22.09	22.38	22.38	23.20
		MID	Q16	22.26	22.35	22.53	23.20
		HIGH	Q16	22.24	22.20	22.44	23.20
	15	LOW	Q16	22.24	22.35	22.47	23.20
3	1	LOW	64QAM	22.04	22.31	22.49	23.20
		MID	64QAM	22.15	22.70	22.38	23.20
		HIGH	64QAM	21.87	22.58	22.31	23.20
	8	LOW	64QAM	21.44	21.59	21.68	22.20
		MID	64QAM	21.30	21.58	21.42	22.20
		HIGH	64QAM	21.28	21.22	21.42	22.20
	15	LOW	64QAM	21.38	21.40	21.60	22.20

LTE B5-DSI2&3&4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.42	24.13	24.41	25.20
		MID	QPSK	24.39	24.17	24.34	25.20
		HIGH	QPSK	24.15	24.31	24.39	25.20
	12	LOW	QPSK	23.18	23.33	23.17	24.20
		MID	QPSK	23.25	23.41	23.36	24.20
		HIGH	QPSK	23.30	23.13	23.35	24.20
	25	LOW	QPSK	23.31	23.23	23.33	24.20
5	1	LOW	Q16	22.99	23.66	23.12	24.20
		MID	Q16	22.93	23.42	23.36	24.20
		HIGH	Q16	23.12	23.53	23.17	24.20
	12	LOW	Q16	22.27	22.36	22.34	23.20
		MID	Q16	22.28	22.36	22.45	23.20
		HIGH	Q16	22.29	22.38	22.22	23.20
	25	LOW	Q16	22.32	22.34	22.39	23.20
5	1	LOW	64QAM	22.04	22.47	22.39	23.20
		MID	64QAM	22.00	22.65	22.22	23.20
		HIGH	64QAM	22.08	22.81	22.42	23.20
	12	LOW	64QAM	21.30	21.54	21.50	22.20
		MID	64QAM	21.37	21.46	21.51	22.20
		HIGH	64QAM	21.48	21.32	21.29	22.20
	25	LOW	64QAM	21.32	21.31	21.60	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.30	24.28	24.37	25.20
		MID	QPSK	24.25	24.26	24.34	25.20
		HIGH	QPSK	24.28	24.31	24.40	25.20
	25	LOW	QPSK	23.24	23.26	23.29	24.20
		MID	QPSK	23.35	23.32	23.32	24.20
		HIGH	QPSK	23.26	23.25	23.25	24.20
50	LOW	QPSK	23.27	23.23	23.26	24.20	
10	1	LOW	Q16	23.12	23.57	23.27	24.20
		MID	Q16	23.05	23.57	23.26	24.20
		HIGH	Q16	23.09	23.61	23.27	24.20
	25	LOW	Q16	22.21	22.32	22.42	23.20
		MID	Q16	22.34	22.31	22.44	23.20
		HIGH	Q16	22.34	22.28	22.37	23.20
50	LOW	Q16	22.27	22.32	22.34	23.20	
10	1	LOW	64QAM	21.98	22.42	22.40	23.20
		MID	64QAM	22.05	22.72	22.30	23.20
		HIGH	64QAM	21.98	22.66	22.27	23.20
	25	LOW	64QAM	21.33	21.45	21.53	22.20
		MID	64QAM	21.31	21.43	21.56	22.20
		HIGH	64QAM	21.33	21.17	21.42	22.20
50	LOW	64QAM	21.42	21.26	21.48	22.20	

8.3.3 LTE Band5 Output Power

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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	24.54	24.44	24.50	25.50
		MID	QPSK	24.55	24.35	24.70	25.50
		HIGH	QPSK	24.55	24.56	24.59	25.50
	3	LOW	QPSK	24.69	24.64	24.51	25.50
		MID	QPSK	24.57	24.42	24.67	25.50
		HIGH	QPSK	24.43	24.68	24.69	25.50
	6	LOW	QPSK	23.40	23.52	23.45	24.50
1.4	1	LOW	Q16	23.41	23.79	23.47	24.50
		MID	Q16	23.34	23.67	23.34	24.50
		HIGH	Q16	23.23	23.75	23.58	24.50
	3	LOW	Q16	23.48	23.79	23.66	24.50
		MID	Q16	23.27	23.81	23.46	24.50
		HIGH	Q16	23.31	23.85	23.41	24.50
	6	LOW	Q16	22.35	22.62	22.55	23.50
1.4	1	LOW	64QAM	22.48	22.87	22.80	23.50
		MID	64QAM	22.39	22.96	22.59	23.50
		HIGH	64QAM	22.35	22.81	22.51	23.50
	3	LOW	64QAM	22.46	22.70	22.75	23.50
		MID	64QAM	22.47	23.01	22.37	23.50
		HIGH	64QAM	22.34	22.89	22.54	23.50
	6	LOW	64QAM	21.54	21.53	21.75	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.57	24.59	24.70	25.50
		MID	QPSK	24.53	24.49	24.70	25.50
		HIGH	QPSK	24.61	24.53	24.55	25.50
	8	LOW	QPSK	23.45	23.50	23.54	24.50
		MID	QPSK	23.52	23.69	23.60	24.50
		HIGH	QPSK	23.43	23.66	23.44	24.50
	15	LOW	QPSK	23.35	23.61	23.48	24.50
3	1	LOW	Q16	23.38	23.87	23.57	24.50
		MID	Q16	23.24	23.92	23.59	24.50
		HIGH	Q16	23.29	23.96	23.38	24.50
	8	LOW	Q16	22.48	22.49	22.65	23.50
		MID	Q16	22.58	22.61	22.67	23.50
		HIGH	Q16	22.42	22.67	22.68	23.50
	15	LOW	Q16	22.63	22.48	22.53	23.50
3	1	LOW	64QAM	22.31	22.70	22.77	23.50
		MID	64QAM	22.40	22.93	22.60	23.50
		HIGH	64QAM	22.22	23.09	22.43	23.50
	8	LOW	64QAM	21.65	21.60	21.71	22.50
		MID	64QAM	21.59	21.47	21.44	22.50
		HIGH	64QAM	21.67	21.54	21.64	22.50
	15	LOW	64QAM	21.76	21.66	21.84	22.50

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.47	24.58	24.73	25.50
		MID	QPSK	24.46	24.58	24.54	25.50
		HIGH	QPSK	24.55	24.55	24.78	25.50
	12	LOW	QPSK	23.50	23.62	23.58	24.50
		MID	QPSK	23.68	23.54	23.44	24.50
		HIGH	QPSK	23.44	23.36	23.37	24.50
	25	LOW	QPSK	23.50	23.53	23.52	24.50
5	1	LOW	Q16	23.29	23.82	23.63	24.50
		MID	Q16	23.45	23.71	23.43	24.50
		HIGH	Q16	23.26	23.99	23.60	24.50
	12	LOW	Q16	22.58	22.59	22.75	23.50
		MID	Q16	22.73	22.51	22.75	23.50
		HIGH	Q16	22.50	22.63	22.55	23.50
	25	LOW	Q16	22.57	22.70	22.48	23.50
5	1	LOW	64QAM	22.25	22.86	22.78	23.50
		MID	64QAM	22.37	23.00	22.41	23.50
		HIGH	64QAM	22.24	22.97	22.46	23.50
	12	LOW	64QAM	21.59	21.78	21.84	22.50
		MID	64QAM	21.78	21.40	21.42	22.50
		HIGH	64QAM	21.70	21.58	21.66	22.50
	25	LOW	64QAM	21.53	21.50	21.55	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.55	24.53	24.62	25.50
		MID	QPSK	24.48	24.50	24.57	25.50
		HIGH	QPSK	24.53	24.57	24.65	25.50
	25	LOW	QPSK	23.45	23.54	23.57	24.50
		MID	QPSK	23.58	23.54	23.58	24.50
		HIGH	QPSK	23.51	23.51	23.50	24.50
50	LOW	QPSK	23.50	23.50	23.52	24.50	
10	1	LOW	Q16	23.34	23.81	23.53	24.50
		MID	Q16	23.30	23.78	23.48	24.50
		HIGH	Q16	23.36	23.87	23.51	24.50
	25	LOW	Q16	22.49	22.56	22.69	23.50
		MID	Q16	22.59	22.61	22.65	23.50
		HIGH	Q16	22.54	22.53	22.58	23.50
50	LOW	Q16	22.57	22.57	22.57	23.50	
10	1	LOW	64QAM	22.33	22.85	22.65	23.50
		MID	64QAM	22.33	22.88	22.51	23.50
		HIGH	64QAM	22.34	22.94	22.44	23.50
	25	LOW	64QAM	21.62	21.64	21.84	22.50
		MID	64QAM	21.63	21.48	21.57	22.50
		HIGH	64QAM	21.68	21.44	21.72	22.50
50	LOW	64QAM	21.67	21.52	21.69	22.50	

LTE B5-DSI1&2&3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.54	24.44	24.50	25.50
		MID	QPSK	24.55	24.35	24.70	25.50
		HIGH	QPSK	24.55	24.56	24.59	25.50
	3	LOW	QPSK	24.69	24.64	24.51	25.50
		MID	QPSK	24.57	24.42	24.67	25.50
		HIGH	QPSK	24.43	24.68	24.69	25.50
	6	LOW	QPSK	23.40	23.52	23.45	24.50
	1.4	LOW	Q16	23.41	23.79	23.47	24.50
		MID	Q16	23.34	23.67	23.34	24.50
		HIGH	Q16	23.23	23.75	23.58	24.50
		LOW	Q16	23.48	23.79	23.66	24.50
		MID	Q16	23.27	23.81	23.46	24.50
		HIGH	Q16	23.31	23.85	23.41	24.50
1.4	1	LOW	Q16	22.35	22.62	22.55	23.50
		MID	Q16	22.35	22.62	22.55	23.50
		HIGH	Q16	22.35	22.62	22.55	23.50
	3	LOW	64QAM	22.48	22.87	22.80	23.50
		MID	64QAM	22.39	22.96	22.59	23.50
		HIGH	64QAM	22.35	22.81	22.51	23.50
	6	LOW	64QAM	22.46	22.70	22.75	23.50
		MID	64QAM	22.47	23.01	22.37	23.50
		HIGH	64QAM	22.34	22.89	22.54	23.50
3	1	LOW	64QAM	21.54	21.53	21.75	22.50
		MID	64QAM	21.54	21.53	21.75	22.50
		HIGH	64QAM	21.54	21.53	21.75	22.50
	3	LOW	64QAM	21.54	21.53	21.75	22.50
		MID	64QAM	21.54	21.53	21.75	22.50
		HIGH	64QAM	21.54	21.53	21.75	22.50
	6	LOW	64QAM	21.54	21.53	21.75	22.50
		MID	64QAM	21.54	21.53	21.75	22.50
		HIGH	64QAM	21.54	21.53	21.75	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.57	24.59	24.70	25.50
		MID	QPSK	24.53	24.49	24.70	25.50
		HIGH	QPSK	24.61	24.53	24.55	25.50
	8	LOW	QPSK	23.45	23.50	23.54	24.50
		MID	QPSK	23.52	23.69	23.60	24.50
		HIGH	QPSK	23.43	23.66	23.44	24.50
	15	LOW	QPSK	23.35	23.61	23.48	24.50
	3	LOW	Q16	23.38	23.87	23.57	24.50
		MID	Q16	23.24	23.92	23.59	24.50
		HIGH	Q16	23.29	23.96	23.38	24.50
		LOW	Q16	22.48	22.49	22.65	23.50
		MID	Q16	22.58	22.61	22.67	23.50
		HIGH	Q16	22.42	22.67	22.68	23.50
3	1	LOW	Q16	22.63	22.48	22.53	23.50
		MID	Q16	22.63	22.48	22.53	23.50
		HIGH	Q16	22.63	22.48	22.53	23.50
	8	LOW	64QAM	22.31	22.70	22.77	23.50
		MID	64QAM	22.40	22.93	22.60	23.50
		HIGH	64QAM	22.22	23.09	22.43	23.50
	15	LOW	64QAM	21.65	21.60	21.71	22.50
		MID	64QAM	21.59	21.47	21.44	22.50
		HIGH	64QAM	21.67	21.54	21.64	22.50
3	1	LOW	64QAM	21.76	21.66	21.84	22.50
		MID	64QAM	21.76	21.66	21.84	22.50
		HIGH	64QAM	21.76	21.66	21.84	22.50
	8	LOW	64QAM	21.76	21.66	21.84	22.50
		MID	64QAM	21.76	21.66	21.84	22.50
		HIGH	64QAM	21.76	21.66	21.84	22.50
	15	LOW	64QAM	21.76	21.66	21.84	22.50
		MID	64QAM	21.76	21.66	21.84	22.50
		HIGH	64QAM	21.76	21.66	21.84	22.50

LTE B5-DSI1&2&3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.47	24.58	24.73	25.50
		MID	QPSK	24.46	24.58	24.54	25.50
		HIGH	QPSK	24.55	24.55	24.78	25.50
	12	LOW	QPSK	23.50	23.62	23.58	24.50
		MID	QPSK	23.68	23.54	23.44	24.50
		HIGH	QPSK	23.44	23.36	23.37	24.50
	25	LOW	QPSK	23.50	23.53	23.52	24.50
5	1	LOW	Q16	23.29	23.82	23.63	24.50
		MID	Q16	23.45	23.71	23.43	24.50
		HIGH	Q16	23.26	23.99	23.60	24.50
	12	LOW	Q16	22.58	22.59	22.75	23.50
		MID	Q16	22.73	22.51	22.75	23.50
		HIGH	Q16	22.50	22.63	22.55	23.50
	25	LOW	Q16	22.57	22.70	22.48	23.50
5	1	LOW	64QAM	22.25	22.86	22.78	23.50
		MID	64QAM	22.37	23.00	22.41	23.50
		HIGH	64QAM	22.24	22.97	22.46	23.50
	12	LOW	64QAM	21.59	21.78	21.84	22.50
		MID	64QAM	21.78	21.40	21.42	22.50
		HIGH	64QAM	21.70	21.58	21.66	22.50
	25	LOW	64QAM	21.53	21.50	21.55	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.55	24.53	24.62	25.50
		MID	QPSK	24.48	24.50	24.57	25.50
		HIGH	QPSK	24.53	24.57	24.65	25.50
	25	LOW	QPSK	23.45	23.54	23.57	24.50
		MID	QPSK	23.58	23.54	23.58	24.50
		HIGH	QPSK	23.51	23.51	23.50	24.50
50	LOW	QPSK	23.50	23.50	23.52	24.50	
10	1	LOW	Q16	23.34	23.81	23.53	24.50
		MID	Q16	23.30	23.78	23.48	24.50
		HIGH	Q16	23.36	23.87	23.51	24.50
	25	LOW	Q16	22.49	22.56	22.69	23.50
		MID	Q16	22.59	22.61	22.65	23.50
		HIGH	Q16	22.54	22.53	22.58	23.50
50	LOW	Q16	22.57	22.57	22.57	23.50	
10	1	LOW	64QAM	22.33	22.85	22.65	23.50
		MID	64QAM	22.33	22.88	22.51	23.50
		HIGH	64QAM	22.34	22.94	22.44	23.50
	25	LOW	64QAM	21.62	21.64	21.84	22.50
		MID	64QAM	21.63	21.48	21.57	22.50
		HIGH	64QAM	21.68	21.44	21.72	22.50
50	LOW	64QAM	21.67	21.52	21.69	22.50	

8.3.4 LTE Band7 Output Power

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LTE B7-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.46	24.39	24.38	25.20
		MID	QPSK	24.33	24.63	24.41	25.20
		HIGH	QPSK	24.49	24.60	24.49	25.20
	12	LOW	QPSK	23.39	23.46	23.93	24.20
		MID	QPSK	23.46	23.61	23.75	24.20
		HIGH	QPSK	23.41	23.53	22.86	24.20
	25	LOW	QPSK	23.48	23.51	23.33	24.20
5	1	LOW	Q16	23.82	23.80	23.83	24.20
		MID	Q16	23.99	23.79	23.66	24.20
		HIGH	Q16	23.44	23.68	23.65	24.20
	12	LOW	Q16	22.50	22.53	21.81	23.20
		MID	Q16	22.59	22.53	22.71	23.20
		HIGH	Q16	22.59	22.60	21.76	23.20
	25	LOW	Q16	22.57	22.49	22.69	23.20
5	1	LOW	64QAM	22.77	22.74	22.75	23.20
		MID	64QAM	22.74	22.70	22.69	23.20
		HIGH	64QAM	22.51	22.52	22.75	23.20
	12	LOW	64QAM	21.46	21.56	20.86	22.20
		MID	64QAM	21.79	21.50	21.67	22.20
		HIGH	64QAM	21.77	21.43	20.54	22.20
	25	LOW	64QAM	21.47	21.35	21.66	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.31	24.44	24.38	25.20
		MID	QPSK	24.27	24.40	24.31	25.20
		HIGH	QPSK	24.32	24.51	24.28	25.20
	25	LOW	QPSK	23.60	23.55	24.00	24.20
		MID	QPSK	23.63	23.53	23.72	24.20
		HIGH	QPSK	23.44	23.47	22.66	24.20
	50	LOW	QPSK	23.52	23.54	23.23	24.20
10	1	LOW	Q16	23.82	23.91	23.94	24.20
		MID	Q16	23.86	23.77	23.64	24.20
		HIGH	Q16	23.38	23.88	23.51	24.20
	25	LOW	Q16	22.62	22.63	22.07	23.20
		MID	Q16	22.79	22.39	22.96	23.20
		HIGH	Q16	22.64	22.60	21.61	23.20
	50	LOW	Q16	22.74	22.62	22.81	23.20
10	1	LOW	64QAM	22.79	22.80	22.71	23.20
		MID	64QAM	22.78	22.77	22.74	23.20
		HIGH	64QAM	22.63	22.61	22.83	23.20
	25	LOW	64QAM	21.55	21.45	21.08	22.20
		MID	64QAM	21.72	21.27	21.76	22.20
		HIGH	64QAM	21.79	21.56	20.76	22.20
	50	LOW	64QAM	21.38	21.28	21.86	22.20

LTE B7-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.32	24.41	24.15	25.20
		MID	QPSK	24.34	24.47	24.39	25.20
		HIGH	QPSK	24.46	24.42	24.29	25.20
	36	LOW	QPSK	23.46	23.55	23.99	24.20
		MID	QPSK	23.69	23.39	23.97	24.20
		HIGH	QPSK	23.52	23.34	22.84	24.20
	75	LOW	QPSK	23.60	23.50	23.15	24.20
15	1	LOW	Q16	23.83	23.69	23.78	24.20
		MID	Q16	23.75	23.60	23.66	24.20
		HIGH	Q16	23.55	23.92	23.45	24.20
	36	LOW	Q16	22.74	22.47	21.82	23.20
		MID	Q16	22.79	22.44	22.83	23.20
		HIGH	Q16	22.74	22.66	21.64	23.20
	75	LOW	Q16	22.59	22.43	22.80	23.20
15	1	LOW	64QAM	22.80	22.93	22.82	23.20
		MID	64QAM	22.79	22.68	22.64	23.20
		HIGH	64QAM	22.46	22.64	22.85	23.20
	36	LOW	64QAM	21.47	21.29	20.87	22.20
		MID	64QAM	21.70	21.53	21.70	22.20
		HIGH	64QAM	21.82	21.53	20.69	22.20
	75	LOW	64QAM	21.58	21.48	21.90	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.42	24.43	24.29	25.20
		MID	QPSK	24.38	24.89	24.26	25.20
		HIGH	QPSK	24.44	24.50	24.38	25.20
	50	LOW	QPSK	23.53	23.46	23.85	24.20
		MID	QPSK	23.56	23.46	23.88	24.20
		HIGH	QPSK	23.54	23.47	22.74	24.20
	100	LOW	QPSK	23.50	23.47	23.30	24.20
20	1	LOW	Q16	23.94	23.80	23.79	24.20
		MID	Q16	23.99	23.75	23.76	24.20
		HIGH	Q16	23.52	23.79	23.58	24.20
	50	LOW	Q16	22.59	22.54	21.94	23.20
		MID	Q16	22.66	22.53	22.91	23.20
		HIGH	Q16	22.65	22.55	21.67	23.20
	100	LOW	Q16	22.60	22.54	22.74	23.20
20	1	LOW	64QAM	22.94	22.88	22.82	23.20
		MID	64QAM	22.97	22.67	22.79	23.20
		HIGH	64QAM	22.49	22.66	22.71	23.20
	50	LOW	64QAM	21.53	21.42	21.00	22.20
		MID	64QAM	21.73	21.40	21.80	22.20
		HIGH	64QAM	21.72	21.55	20.62	22.20
	100	LOW	64QAM	21.50	21.43	21.79	22.20

LTE B7-DSI1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.91	17.73	17.59	18.70
		MID	QPSK	17.79	17.74	17.68	18.70
		HIGH	QPSK	17.85	18.01	17.70	18.70
	12	LOW	QPSK	18.05	17.88	17.90	18.70
		MID	QPSK	18.07	17.98	17.91	18.70
		HIGH	QPSK	17.80	18.01	17.70	18.70
	25	LOW	QPSK	18.03	17.81	17.90	18.70
5	1	LOW	Q16	18.47	18.20	18.22	18.70
		MID	Q16	18.44	18.17	18.02	18.70
		HIGH	Q16	18.34	18.27	18.32	18.70
	12	LOW	Q16	17.98	18.11	17.91	18.70
		MID	Q16	17.93	17.83	17.75	18.70
		HIGH	Q16	17.92	18.04	17.85	18.70
	25	LOW	Q16	18.11	17.91	17.81	18.70
5	1	LOW	64QAM	18.45	18.37	18.04	18.70
		MID	64QAM	18.21	18.46	18.15	18.70
		HIGH	64QAM	18.21	18.32	17.95	18.70
	12	LOW	64QAM	18.06	17.92	17.79	18.70
		MID	64QAM	17.97	17.88	17.78	18.70
		HIGH	64QAM	18.09	18.16	17.82	18.70
	25	LOW	64QAM	18.16	17.83	17.94	18.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.86	17.87	17.65	18.70
		MID	QPSK	17.73	17.94	17.65	18.70
		HIGH	QPSK	17.92	17.93	17.62	18.70
	25	LOW	QPSK	17.98	17.91	17.84	18.70
		MID	QPSK	17.95	17.74	17.77	18.70
		HIGH	QPSK	18.09	17.93	17.77	18.70
	50	LOW	QPSK	17.97	17.98	17.68	18.70
10	1	LOW	Q16	18.50	18.45	18.19	18.70
		MID	Q16	18.26	18.17	18.09	18.70
		HIGH	Q16	18.24	18.43	18.30	18.70
	25	LOW	Q16	17.96	18.08	17.75	18.70
		MID	Q16	17.97	18.06	17.74	18.70
		HIGH	Q16	17.90	18.08	17.70	18.70
	50	LOW	Q16	17.99	17.97	17.90	18.70
10	1	LOW	64QAM	18.37	18.31	18.03	18.70
		MID	64QAM	18.33	18.47	18.01	18.70
		HIGH	64QAM	18.33	18.22	18.13	18.70
	25	LOW	64QAM	18.06	17.78	17.79	18.70
		MID	64QAM	17.97	18.04	17.86	18.70
		HIGH	64QAM	17.88	18.12	17.73	18.70
	50	LOW	64QAM	18.11	18.01	17.98	18.70

LTE B7-DSI1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.93	17.87	17.84	18.70
		MID	QPSK	17.99	17.95	17.64	18.70
		HIGH	QPSK	17.91	17.79	17.89	18.70
	36	LOW	QPSK	17.98	17.85	17.75	18.70
		MID	QPSK	17.96	17.83	17.79	18.70
		HIGH	QPSK	17.89	17.86	17.89	18.70
	75	LOW	QPSK	17.85	17.94	17.90	18.70
15	1	LOW	Q16	18.43	18.50	18.23	18.70
		MID	Q16	18.26	18.43	18.26	18.70
		HIGH	Q16	18.45	18.46	18.23	18.70
	36	LOW	Q16	17.92	17.85	17.89	18.70
		MID	Q16	18.14	17.98	17.83	18.70
		HIGH	Q16	18.07	17.84	17.75	18.70
	75	LOW	Q16	17.96	17.95	17.94	18.70
15	1	LOW	64QAM	18.40	18.23	18.16	18.70
		MID	64QAM	18.27	18.38	18.12	18.70
		HIGH	64QAM	18.30	18.35	17.96	18.70
	36	LOW	64QAM	17.86	17.82	17.73	18.70
		MID	64QAM	17.95	18.03	17.70	18.70
		HIGH	64QAM	18.09	17.91	17.79	18.70
	75	LOW	64QAM	18.00	17.93	18.04	18.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.89	17.87	17.74	18.70
		MID	QPSK	17.86	17.89	17.72	18.70
		HIGH	QPSK	17.89	17.90	17.74	18.70
	50	LOW	QPSK	17.92	17.91	17.83	18.70
		MID	QPSK	17.94	17.89	17.86	18.70
		HIGH	QPSK	17.94	17.93	17.82	18.70
	100	LOW	QPSK	17.91	17.88	17.82	18.70
20	1	LOW	Q16	18.46	18.35	18.22	18.70
		MID	Q16	18.43	18.28	18.16	18.70
		HIGH	Q16	18.47	18.32	18.22	18.70
	50	LOW	Q16	18.04	17.99	17.84	18.70
		MID	Q16	18.06	17.98	17.85	18.70
		HIGH	Q16	18.00	17.94	17.83	18.70
	100	LOW	Q16	18.01	17.97	17.86	18.70
20	1	LOW	64QAM	18.25	18.49	18.13	18.70
		MID	64QAM	18.28	18.42	18.08	18.70
		HIGH	64QAM	18.39	18.39	18.08	18.70
	50	LOW	64QAM	17.96	17.84	17.69	18.70
		MID	64QAM	18.04	17.97	17.78	18.70
		HIGH	64QAM	18.03	18.05	17.77	18.70
	100	LOW	64QAM	18.03	17.94	17.90	18.70

LTE B7-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.46	24.39	24.38	25.20
		MID	QPSK	24.33	24.63	24.41	25.20
		HIGH	QPSK	24.49	24.60	24.49	25.20
	12	LOW	QPSK	23.39	23.46	23.93	24.20
		MID	QPSK	23.46	23.61	23.75	24.20
		HIGH	QPSK	23.41	23.53	22.86	24.20
	25	LOW	QPSK	23.48	23.51	23.33	24.20
5	1	LOW	Q16	23.82	23.80	23.83	24.20
		MID	Q16	23.99	23.79	23.66	24.20
		HIGH	Q16	23.44	23.68	23.65	24.20
	12	LOW	Q16	22.50	22.53	21.81	23.20
		MID	Q16	22.59	22.53	22.71	23.20
		HIGH	Q16	22.59	22.60	21.76	23.20
	25	LOW	Q16	22.57	22.49	22.69	23.20
5	1	LOW	64QAM	22.77	22.74	22.75	23.20
		MID	64QAM	22.74	22.70	22.69	23.20
		HIGH	64QAM	22.51	22.52	22.75	23.20
	12	LOW	64QAM	21.46	21.56	20.86	22.20
		MID	64QAM	21.79	21.50	21.67	22.20
		HIGH	64QAM	21.77	21.43	20.54	22.20
	25	LOW	64QAM	21.47	21.35	21.66	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.31	24.44	24.38	25.20
		MID	QPSK	24.27	24.40	24.31	25.20
		HIGH	QPSK	24.32	24.51	24.28	25.20
	25	LOW	QPSK	23.60	23.55	24.00	24.20
		MID	QPSK	23.63	23.53	23.72	24.20
		HIGH	QPSK	23.44	23.47	22.66	24.20
	50	LOW	QPSK	23.52	23.54	23.23	24.20
10	1	LOW	Q16	23.82	23.91	23.94	24.20
		MID	Q16	23.86	23.77	23.64	24.20
		HIGH	Q16	23.38	23.88	23.51	24.20
	25	LOW	Q16	22.62	22.63	22.07	23.20
		MID	Q16	22.79	22.39	22.96	23.20
		HIGH	Q16	22.64	22.60	21.61	23.20
	50	LOW	Q16	22.74	22.62	22.81	23.20
10	1	LOW	64QAM	22.79	22.80	22.71	23.20
		MID	64QAM	22.78	22.77	22.74	23.20
		HIGH	64QAM	22.63	22.61	22.83	23.20
	25	LOW	64QAM	21.55	21.45	21.08	22.20
		MID	64QAM	21.72	21.27	21.76	22.20
		HIGH	64QAM	21.79	21.56	20.76	22.20
	50	LOW	64QAM	21.38	21.28	21.86	22.20

LTE B7-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.32	24.41	24.15	25.20
		MID	QPSK	24.34	24.47	24.39	25.20
		HIGH	QPSK	24.46	24.42	24.29	25.20
	36	LOW	QPSK	23.46	23.55	23.99	24.20
		MID	QPSK	23.69	23.39	23.97	24.20
		HIGH	QPSK	23.52	23.34	22.84	24.20
	75	LOW	QPSK	23.60	23.50	23.15	24.20
15	1	LOW	Q16	23.83	23.69	23.78	24.20
		MID	Q16	23.75	23.60	23.66	24.20
		HIGH	Q16	23.55	23.92	23.45	24.20
	36	LOW	Q16	22.74	22.47	21.82	23.20
		MID	Q16	22.79	22.44	22.83	23.20
		HIGH	Q16	22.74	22.66	21.64	23.20
	75	LOW	Q16	22.59	22.43	22.80	23.20
15	1	LOW	64QAM	22.80	22.93	22.82	23.20
		MID	64QAM	22.79	22.68	22.64	23.20
		HIGH	64QAM	22.46	22.64	22.85	23.20
	36	LOW	64QAM	21.47	21.29	20.87	22.20
		MID	64QAM	21.70	21.53	21.70	22.20
		HIGH	64QAM	21.82	21.53	20.69	22.20
	75	LOW	64QAM	21.58	21.48	21.90	22.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.42	24.43	24.29	25.20
		MID	QPSK	24.38	24.89	24.26	25.20
		HIGH	QPSK	24.44	24.50	24.38	25.20
	50	LOW	QPSK	23.53	23.46	23.85	24.20
		MID	QPSK	23.56	23.46	23.88	24.20
		HIGH	QPSK	23.54	23.47	22.74	24.20
	100	LOW	QPSK	23.50	23.47	23.30	24.20
20	1	LOW	Q16	23.94	23.80	23.79	24.20
		MID	Q16	23.99	23.75	23.76	24.20
		HIGH	Q16	23.52	23.79	23.58	24.20
	50	LOW	Q16	22.59	22.54	21.94	23.20
		MID	Q16	22.66	22.53	22.91	23.20
		HIGH	Q16	22.65	22.55	21.67	23.20
	100	LOW	Q16	22.60	22.54	22.74	23.20
20	1	LOW	64QAM	22.94	22.88	22.82	23.20
		MID	64QAM	22.97	22.67	22.79	23.20
		HIGH	64QAM	22.49	22.66	22.71	23.20
	50	LOW	64QAM	21.53	21.42	21.00	22.20
		MID	64QAM	21.73	21.40	21.80	22.20
		HIGH	64QAM	21.72	21.55	20.62	22.20
	100	LOW	64QAM	21.50	21.43	21.79	22.20

LTE B7-DSI4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.57	20.52	20.37	21.20
		MID	QPSK	20.54	20.64	20.17	21.20
		HIGH	QPSK	20.67	20.58	20.48	21.20
	12	LOW	QPSK	20.79	20.53	20.44	21.20
		MID	QPSK	20.69	20.73	20.55	21.20
		HIGH	QPSK	20.68	20.64	20.62	21.20
	25	LOW	QPSK	20.78	20.49	20.53	21.20
5	1	LOW	Q16	20.97	20.98	20.83	21.20
		MID	Q16	20.90	20.92	20.67	21.20
		HIGH	Q16	20.69	20.74	20.76	21.20
	12	LOW	Q16	20.76	20.59	20.45	21.20
		MID	Q16	20.65	20.64	20.49	21.20
		HIGH	Q16	20.55	20.66	20.55	21.20
	25	LOW	Q16	20.55	20.74	20.43	21.20
5	1	LOW	64QAM	20.81	20.87	20.87	21.20
		MID	64QAM	20.72	20.93	20.90	21.20
		HIGH	64QAM	20.59	20.93	20.68	21.20
	12	LOW	64QAM	20.63	20.91	20.65	21.20
		MID	64QAM	20.75	20.63	20.76	21.20
		HIGH	64QAM	20.88	20.68	20.45	21.20
	25	LOW	64QAM	20.82	20.66	20.53	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.50	20.47	20.51	21.20
		MID	QPSK	20.70	20.37	20.42	21.20
		HIGH	QPSK	20.49	20.59	20.49	21.20
	25	LOW	QPSK	20.81	20.73	20.55	21.20
		MID	QPSK	20.75	20.56	20.54	21.20
		HIGH	QPSK	20.82	20.56	20.56	21.20
10	1	LOW	QPSK	20.65	20.68	20.45	21.20
		MID	QPSK	20.95	20.99	20.82	21.20
		HIGH	QPSK	20.86	20.92	20.69	21.20
	25	LOW	Q16	20.87	20.70	20.83	21.20
		MID	Q16	20.71	20.56	20.46	21.20
		HIGH	Q16	20.56	20.67	20.47	21.20
10	25	LOW	Q16	20.55	20.52	20.45	21.20
		MID	Q16	20.56	20.67	20.47	21.20
		HIGH	Q16	20.55	20.52	20.45	21.20
	50	LOW	Q16	20.56	20.59	20.55	21.20
		MID	Q16	20.56	20.59	20.55	21.20
		HIGH	Q16	20.56	20.59	20.55	21.20
10	1	LOW	64QAM	20.90	21.00	20.82	21.20
		MID	64QAM	20.75	20.83	20.84	21.20
		HIGH	64QAM	20.65	20.82	20.99	21.20
	25	LOW	64QAM	20.59	20.80	20.56	21.20
		MID	64QAM	20.54	20.64	20.73	21.20
		HIGH	64QAM	20.76	20.72	20.53	21.20
10	50	LOW	64QAM	20.83	20.64	20.58	21.20
		MID	64QAM	20.83	20.64	20.58	21.20

LTE B7-DSI4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.60	20.43	20.49	21.20
		MID	QPSK	20.46	20.61	20.47	21.20
		HIGH	QPSK	20.54	20.42	20.32	21.20
	36	LOW	QPSK	20.79	20.45	20.55	21.20
		MID	QPSK	20.51	20.61	20.58	21.20
		HIGH	QPSK	20.60	20.59	20.50	21.20
	75	LOW	QPSK	20.64	20.51	20.62	21.20
15	1	LOW	Q16	20.99	20.86	20.89	21.20
		MID	Q16	20.82	20.94	20.90	21.20
		HIGH	Q16	20.74	20.99	20.77	21.20
	36	LOW	Q16	20.60	20.53	20.45	21.20
		MID	Q16	20.57	20.64	20.65	21.20
		HIGH	Q16	20.71	20.59	20.57	21.20
	75	LOW	Q16	20.63	20.58	20.60	21.20
15	1	LOW	64QAM	20.68	20.98	20.88	21.20
		MID	64QAM	20.59	20.62	20.85	21.20
		HIGH	64QAM	20.64	20.92	20.89	21.20
	36	LOW	64QAM	20.54	20.76	20.46	21.20
		MID	64QAM	20.68	20.67	20.52	21.20
		HIGH	64QAM	20.85	20.82	20.45	21.20
	75	LOW	64QAM	20.55	20.65	20.43	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.57	20.51	20.42	21.20
		MID	QPSK	20.56	20.51	20.56	21.20
		HIGH	QPSK	20.60	20.56	20.35	21.20
	50	LOW	QPSK	20.68	20.58	20.46	21.20
		MID	QPSK	20.65	20.59	20.51	21.20
		HIGH	QPSK	20.67	20.58	20.47	21.20
	100	LOW	QPSK	20.63	20.54	20.49	21.20
20	1	LOW	Q16	20.85	20.89	20.88	21.20
		MID	Q16	20.86	20.97	20.81	21.20
		HIGH	Q16	20.82	20.84	20.89	21.20
	50	LOW	Q16	20.65	20.67	20.57	21.20
		MID	Q16	20.66	20.63	20.57	21.20
		HIGH	Q16	20.68	20.65	20.54	21.20
	100	LOW	Q16	20.69	20.61	20.55	21.20
20	1	LOW	64QAM	20.80	20.83	20.89	21.20
		MID	64QAM	20.74	20.82	20.92	21.20
		HIGH	64QAM	20.72	20.96	20.96	21.20
	50	LOW	64QAM	20.61	20.78	20.56	21.20
		MID	64QAM	20.62	20.75	20.65	21.20
		HIGH	64QAM	20.75	20.75	20.51	21.20
	100	LOW	64QAM	20.68	20.58	20.50	21.20

8.3.4 LTE Band7 Output Power

BL-SZ2270591-701

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.70	24.64	24.26	25.50
		MID	QPSK	24.73	24.57	24.22	25.50
		HIGH	QPSK	24.68	24.55	24.10	25.50
	12	LOW	QPSK	23.67	23.58	23.49	24.50
		MID	QPSK	23.70	23.59	23.55	24.50
		HIGH	QPSK	23.71	23.66	23.32	24.50
	25	LOW	QPSK	23.88	23.75	23.36	24.50
5	1	LOW	Q16	24.32	24.09	23.65	24.50
		MID	Q16	24.25	23.93	23.87	24.50
		HIGH	Q16	24.18	23.80	23.82	24.50
	12	LOW	Q16	22.89	22.88	22.38	23.50
		MID	Q16	22.75	22.61	22.36	23.50
		HIGH	Q16	22.74	22.73	22.41	23.50
	25	LOW	Q16	22.87	22.74	22.41	23.50
5	1	LOW	64QAM	23.40	23.09	22.94	23.50
		MID	64QAM	23.37	22.80	22.55	23.50
		HIGH	64QAM	23.05	22.67	22.61	23.50
	12	LOW	64QAM	21.77	21.83	21.26	22.50
		MID	64QAM	21.90	21.68	21.40	22.50
		HIGH	64QAM	22.02	21.52	21.53	22.50
	25	LOW	64QAM	22.05	21.51	21.54	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.59	24.56	24.27	25.50
		MID	QPSK	24.51	24.72	24.33	25.50
		HIGH	QPSK	24.67	24.51	24.19	25.50
	25	LOW	QPSK	23.85	23.57	23.35	24.50
		MID	QPSK	23.87	23.76	23.54	24.50
		HIGH	QPSK	23.62	23.62	23.36	24.50
10	50	LOW	QPSK	23.67	23.47	23.31	24.50
	1	LOW	Q16	24.17	24.21	23.68	24.50
		MID	Q16	24.32	23.93	23.84	24.50
		HIGH	Q16	24.29	23.95	23.81	24.50
	25	LOW	Q16	22.93	22.66	22.43	23.50
		MID	Q16	22.96	22.71	22.35	23.50
		HIGH	Q16	22.71	22.62	22.53	23.50
	50	LOW	Q16	22.97	22.87	22.48	23.50
10	1	LOW	64QAM	23.30	22.82	22.94	23.50
		MID	64QAM	23.19	22.84	22.62	23.50
		HIGH	64QAM	23.19	22.71	22.62	23.50
	25	LOW	64QAM	21.88	21.76	21.28	22.50
		MID	64QAM	21.96	21.78	21.69	22.50
		HIGH	64QAM	21.87	21.76	21.57	22.50
	50	LOW	64QAM	21.97	21.48	21.43	22.50

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.69	24.75	24.38	25.50
		MID	QPSK	24.73	24.60	24.32	25.50
		HIGH	QPSK	24.78	24.54	24.19	25.50
	36	LOW	QPSK	23.81	23.81	23.42	24.50
		MID	QPSK	23.65	23.75	23.43	24.50
		HIGH	QPSK	23.82	23.57	23.48	24.50
	75	LOW	QPSK	23.79	23.53	23.36	24.50
15	1	LOW	Q16	24.18	24.08	23.63	24.50
		MID	Q16	24.08	24.01	23.69	24.50
		HIGH	Q16	24.10	23.98	23.61	24.50
	36	LOW	Q16	22.83	22.59	22.54	23.50
		MID	Q16	22.96	22.67	22.32	23.50
		HIGH	Q16	22.80	22.60	22.35	23.50
	75	LOW	Q16	22.70	22.67	22.57	23.50
15	1	LOW	64QAM	23.29	23.11	22.67	23.50
		MID	64QAM	23.32	22.97	22.81	23.50
		HIGH	64QAM	23.15	22.70	22.69	23.50
	36	LOW	64QAM	21.78	21.64	21.30	22.50
		MID	64QAM	21.84	21.80	21.42	22.50
		HIGH	64QAM	21.88	21.67	21.49	22.50
	75	LOW	64QAM	21.80	21.64	21.67	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.65	24.62	24.37	25.50
		MID	QPSK	24.64	24.60	24.27	25.50
		HIGH	QPSK	24.67	24.59	24.24	25.50
	50	LOW	QPSK	23.70	23.69	23.47	24.50
		MID	QPSK	23.75	23.63	23.41	24.50
		HIGH	QPSK	23.73	23.66	23.42	24.50
	100	LOW	QPSK	23.74	23.62	23.43	24.50
20	1	LOW	Q16	24.23	24.07	23.78	24.50
		MID	Q16	24.21	23.94	23.74	24.50
		HIGH	Q16	24.23	23.91	23.71	24.50
	50	LOW	Q16	22.85	22.73	22.49	23.50
		MID	Q16	22.86	22.75	22.42	23.50
		HIGH	Q16	22.85	22.69	22.46	23.50
	100	LOW	Q16	22.83	22.72	22.50	23.50
20	1	LOW	64QAM	23.32	22.97	22.82	23.50
		MID	64QAM	23.32	22.89	22.70	23.50
		HIGH	64QAM	23.18	22.81	22.75	23.50
	50	LOW	64QAM	21.86	21.69	21.35	22.50
		MID	64QAM	21.92	21.79	21.55	22.50
		HIGH	64QAM	21.91	21.65	21.57	22.50
	100	LOW	64QAM	21.95	21.59	21.53	22.50

LTE B7-DS1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.70	24.64	24.26	25.50
		MID	QPSK	24.73	24.57	24.22	25.50
		HIGH	QPSK	24.68	24.55	24.10	25.50
	12	LOW	QPSK	23.67	23.58	23.49	24.50
		MID	QPSK	23.70	23.59	23.55	24.50
		HIGH	QPSK	23.71	23.66	23.32	24.50
	25	LOW	QPSK	23.88	23.75	23.36	24.50
5	1	LOW	Q16	24.32	24.09	23.65	24.50
		MID	Q16	24.25	23.93	23.87	24.50
		HIGH	Q16	24.18	23.80	23.82	24.50
	12	LOW	Q16	22.89	22.88	22.38	23.50
		MID	Q16	22.75	22.61	22.36	23.50
		HIGH	Q16	22.74	22.73	22.41	23.50
	25	LOW	Q16	22.87	22.74	22.41	23.50
5	1	LOW	64QAM	23.40	23.09	22.94	23.50
		MID	64QAM	23.37	22.80	22.55	23.50
		HIGH	64QAM	23.05	22.67	22.61	23.50
	12	LOW	64QAM	21.77	21.83	21.26	22.50
		MID	64QAM	21.90	21.68	21.40	22.50
		HIGH	64QAM	22.02	21.52	21.53	22.50
	25	LOW	64QAM	22.05	21.51	21.54	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.59	24.56	24.27	25.50
		MID	QPSK	24.51	24.72	24.33	25.50
		HIGH	QPSK	24.67	24.51	24.19	25.50
	25	LOW	QPSK	23.85	23.57	23.35	24.50
		MID	QPSK	23.87	23.76	23.54	24.50
		HIGH	QPSK	23.62	23.62	23.36	24.50
10	50	LOW	QPSK	23.67	23.47	23.31	24.50
	1	LOW	Q16	24.17	24.21	23.68	24.50
		MID	Q16	24.32	23.93	23.84	24.50
		HIGH	Q16	24.29	23.95	23.81	24.50
	25	LOW	Q16	22.93	22.66	22.43	23.50
		MID	Q16	22.96	22.71	22.35	23.50
		HIGH	Q16	22.71	22.62	22.53	23.50
	50	LOW	Q16	22.97	22.87	22.48	23.50
10	1	LOW	64QAM	23.30	22.82	22.94	23.50
		MID	64QAM	23.19	22.84	22.62	23.50
		HIGH	64QAM	23.19	22.71	22.62	23.50
	25	LOW	64QAM	21.88	21.76	21.28	22.50
		MID	64QAM	21.96	21.78	21.69	22.50
		HIGH	64QAM	21.87	21.76	21.57	22.50
	50	LOW	64QAM	21.97	21.48	21.43	22.50

LTE B7-DS1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.69	24.75	24.38	25.50
		MID	QPSK	24.73	24.60	24.32	25.50
		HIGH	QPSK	24.78	24.54	24.19	25.50
	36	LOW	QPSK	23.81	23.81	23.42	24.50
		MID	QPSK	23.65	23.75	23.43	24.50
		HIGH	QPSK	23.82	23.57	23.48	24.50
	75	LOW	QPSK	23.79	23.53	23.36	24.50
15	1	LOW	Q16	24.18	24.08	23.63	24.50
		MID	Q16	24.08	24.01	23.69	24.50
		HIGH	Q16	24.10	23.98	23.61	24.50
	36	LOW	Q16	22.83	22.59	22.54	23.50
		MID	Q16	22.96	22.67	22.32	23.50
		HIGH	Q16	22.80	22.60	22.35	23.50
	75	LOW	Q16	22.70	22.67	22.57	23.50
15	1	LOW	64QAM	23.29	23.11	22.67	23.50
		MID	64QAM	23.32	22.97	22.81	23.50
		HIGH	64QAM	23.15	22.70	22.69	23.50
	36	LOW	64QAM	21.78	21.64	21.30	22.50
		MID	64QAM	21.84	21.80	21.42	22.50
		HIGH	64QAM	21.88	21.67	21.49	22.50
	75	LOW	64QAM	21.80	21.64	21.67	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.65	24.62	24.37	25.50
		MID	QPSK	24.64	24.60	24.27	25.50
		HIGH	QPSK	24.67	24.59	24.24	25.50
	50	LOW	QPSK	23.70	23.69	23.47	24.50
		MID	QPSK	23.75	23.63	23.41	24.50
		HIGH	QPSK	23.73	23.66	23.42	24.50
	100	LOW	QPSK	23.74	23.62	23.43	24.50
20	1	LOW	Q16	24.23	24.07	23.78	24.50
		MID	Q16	24.21	23.94	23.74	24.50
		HIGH	Q16	24.23	23.91	23.71	24.50
	50	LOW	Q16	22.85	22.73	22.49	23.50
		MID	Q16	22.86	22.75	22.42	23.50
		HIGH	Q16	22.85	22.69	22.46	23.50
	100	LOW	Q16	22.83	22.72	22.50	23.50
20	1	LOW	64QAM	23.32	22.97	22.82	23.50
		MID	64QAM	23.32	22.89	22.70	23.50
		HIGH	64QAM	23.18	22.81	22.75	23.50
	50	LOW	64QAM	21.86	21.69	21.35	22.50
		MID	64QAM	21.92	21.79	21.55	22.50
		HIGH	64QAM	21.91	21.65	21.57	22.50
	100	LOW	64QAM	21.95	21.59	21.53	22.50

LTE B7-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.37	21.27	21.06	22.00
		MID	QPSK	21.09	21.36	21.09	22.00
		HIGH	QPSK	21.13	21.13	21.09	22.00
	12	LOW	QPSK	21.37	21.42	21.30	22.00
		MID	QPSK	21.24	21.44	21.12	22.00
		HIGH	QPSK	21.44	21.37	21.24	22.00
	25	LOW	QPSK	21.38	21.19	21.13	22.00
5	1	LOW	Q16	21.62	21.90	21.57	22.00
		MID	Q16	21.82	21.68	21.58	22.00
		HIGH	Q16	21.72	21.93	21.58	22.00
	12	LOW	Q16	21.53	21.34	21.31	22.00
		MID	Q16	21.34	21.33	21.13	22.00
		HIGH	Q16	21.40	21.41	21.26	22.00
	25	LOW	Q16	21.56	21.30	21.30	22.00
5	1	LOW	64QAM	21.70	21.74	21.67	22.00
		MID	64QAM	21.62	21.89	21.73	22.00
		HIGH	64QAM	21.83	21.97	21.49	22.00
	12	LOW	64QAM	21.42	21.60	21.38	22.00
		MID	64QAM	21.58	21.48	21.34	22.00
		HIGH	64QAM	21.35	21.25	21.37	22.00
	25	LOW	64QAM	21.48	21.47	21.11	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.35	21.27	21.28	22.00
		MID	QPSK	21.31	21.29	21.14	22.00
		HIGH	QPSK	21.33	21.35	20.91	22.00
	25	LOW	QPSK	21.26	21.34	21.31	22.00
		MID	QPSK	21.22	21.32	21.26	22.00
		HIGH	QPSK	21.43	21.14	21.21	22.00
	50	LOW	QPSK	21.50	21.21	21.25	22.00
10	1	LOW	Q16	21.65	21.95	21.49	22.00
		MID	Q16	21.86	21.96	21.65	22.00
		HIGH	Q16	21.69	21.82	21.70	22.00
	25	LOW	Q16	21.44	21.39	21.35	22.00
		MID	Q16	21.59	21.42	21.11	22.00
		HIGH	Q16	21.46	21.25	21.30	22.00
	50	LOW	Q16	21.47	21.33	21.18	22.00
10	1	LOW	64QAM	21.66	21.76	21.71	22.00
		MID	64QAM	21.87	21.83	21.56	22.00
		HIGH	64QAM	21.85	21.87	21.53	22.00
	25	LOW	64QAM	21.25	21.68	21.40	22.00
		MID	64QAM	21.33	21.52	21.34	22.00
		HIGH	64QAM	21.27	21.28	21.32	22.00
	50	LOW	64QAM	21.62	21.24	21.07	22.00

LTE B7-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.20	21.24	21.04	22.00
		MID	QPSK	21.36	21.19	21.23	22.00
		HIGH	QPSK	21.10	21.15	21.04	22.00
	36	LOW	QPSK	21.29	21.35	21.19	22.00
		MID	QPSK	21.34	21.28	21.26	22.00
		HIGH	QPSK	21.43	21.22	21.22	22.00
	75	LOW	QPSK	21.34	21.28	21.20	22.00
15	1	LOW	Q16	21.82	21.84	21.47	22.00
		MID	Q16	21.64	21.97	21.47	22.00
		HIGH	Q16	21.84	21.91	21.50	22.00
	36	LOW	Q16	21.32	21.25	21.12	22.00
		MID	Q16	21.53	21.49	21.10	22.00
		HIGH	Q16	21.39	21.37	21.23	22.00
	75	LOW	Q16	21.30	21.49	21.09	22.00
15	1	LOW	64QAM	21.79	21.92	21.69	22.00
		MID	64QAM	21.86	21.96	21.68	22.00
		HIGH	64QAM	21.74	21.97	21.55	22.00
	36	LOW	64QAM	21.29	21.60	21.32	22.00
		MID	64QAM	21.53	21.42	21.23	22.00
		HIGH	64QAM	21.38	21.29	21.32	22.00
	75	LOW	64QAM	21.38	21.31	20.99	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.27	21.28	21.15	22.00
		MID	QPSK	21.24	21.23	21.08	22.00
		HIGH	QPSK	21.25	21.21	21.06	22.00
	50	LOW	QPSK	21.36	21.28	21.17	22.00
		MID	QPSK	21.35	21.29	21.15	22.00
		HIGH	QPSK	21.36	21.25	21.13	22.00
20	100	LOW	QPSK	21.35	21.28	21.12	22.00
	1	LOW	Q16	21.75	21.85	21.61	22.00
		MID	Q16	21.72	21.82	21.55	22.00
		HIGH	Q16	21.82	21.84	21.57	22.00
	50	LOW	Q16	21.38	21.40	21.27	22.00
		MID	Q16	21.44	21.43	21.22	22.00
		HIGH	Q16	21.46	21.39	21.22	22.00
	100	LOW	Q16	21.44	21.41	21.19	22.00
20	1	LOW	64QAM	21.81	21.99	21.66	22.00
		MID	64QAM	21.73	21.85	21.64	22.00
		HIGH	64QAM	21.83	21.82	21.55	22.00
	50	LOW	64QAM	21.39	21.55	21.28	22.00
		MID	64QAM	21.46	21.53	21.25	22.00
		HIGH	64QAM	21.41	21.30	21.34	22.00
	100	LOW	64QAM	21.50	21.34	21.08	22.00

8.3.5 LTE Band66 Output Power

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LTE B66-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.80	23.90	23.63	25.00
		MID	QPSK	23.91	23.89	24.00	25.00
		HIGH	QPSK	23.71	23.76	24.52	25.00
	3	LOW	QPSK	23.79	23.87	23.68	25.00
		MID	QPSK	23.83	23.96	23.79	25.00
		HIGH	QPSK	23.85	23.73	24.32	25.00
	6	LOW	QPSK	23.00	23.03	22.92	24.00
1.4	1	LOW	Q16	23.50	23.48	23.17	24.00
		MID	Q16	23.37	23.58	23.67	24.00
		HIGH	Q16	23.23	23.42	23.78	24.00
	3	LOW	Q16	23.32	23.32	23.41	24.00
		MID	Q16	23.36	23.31	23.63	24.00
		HIGH	Q16	23.45	23.51	23.87	24.00
	6	LOW	Q16	22.13	22.28	22.03	23.00
1.4	1	LOW	64QAM	22.40	22.29	22.22	23.00
		MID	64QAM	22.42	22.24	22.40	23.00
		HIGH	64QAM	22.29	22.23	22.82	23.00
	3	LOW	64QAM	22.23	22.38	22.40	23.00
		MID	64QAM	22.65	22.36	22.51	23.00
		HIGH	64QAM	22.51	22.41	22.74	23.00
	6	LOW	64QAM	20.92	21.13	21.04	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.93	23.73	23.72	25.00
		MID	QPSK	23.89	23.84	23.80	25.00
		HIGH	QPSK	23.67	23.73	24.50	25.00
	8	LOW	QPSK	23.14	23.09	22.78	24.00
		MID	QPSK	23.11	23.02	22.87	24.00
		HIGH	QPSK	23.14	23.05	23.14	24.00
	15	LOW	QPSK	22.95	23.05	22.77	24.00
3	1	LOW	Q16	23.36	23.26	23.41	24.00
		MID	Q16	23.38	23.52	23.64	24.00
		HIGH	Q16	23.32	23.27	23.74	24.00
	8	LOW	Q16	22.14	22.30	21.80	23.00
		MID	Q16	22.15	22.25	22.15	23.00
		HIGH	Q16	22.28	22.21	22.28	23.00
	15	LOW	Q16	22.07	22.03	21.95	23.00
3	1	LOW	64QAM	22.40	22.41	22.45	23.00
		MID	64QAM	22.43	22.40	22.51	23.00
		HIGH	64QAM	22.34	22.40	22.85	23.00
	8	LOW	64QAM	21.16	21.32	21.04	22.00
		MID	64QAM	21.15	21.12	21.10	22.00
		HIGH	64QAM	21.50	21.13	21.15	22.00
	15	LOW	64QAM	21.03	21.06	21.03	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.81	23.85	23.79	25.00
		MID	QPSK	24.01	23.90	23.99	25.00
		HIGH	QPSK	23.92	23.83	24.23	25.00
	36	LOW	QPSK	23.00	23.23	22.87	24.00
		MID	QPSK	22.96	23.12	22.97	24.00
		HIGH	QPSK	22.91	22.98	23.00	24.00
	75	LOW	QPSK	22.99	23.09	22.92	24.00
5	1	LOW	Q16	23.35	23.22	23.17	24.00
		MID	Q16	23.41	23.33	23.60	24.00
		HIGH	Q16	23.24	23.52	23.72	24.00
	36	LOW	Q16	22.10	22.22	22.10	23.00
		MID	Q16	22.34	22.19	22.07	23.00
		HIGH	Q16	22.23	22.21	22.18	23.00
	75	LOW	Q16	22.15	22.06	22.19	23.00
5	1	LOW	64QAM	22.18	22.44	22.22	23.00
		MID	64QAM	22.55	22.49	22.47	23.00
		HIGH	64QAM	22.55	22.48	22.73	23.00
	36	LOW	64QAM	21.37	21.13	21.04	22.00
		MID	64QAM	21.24	21.10	21.30	22.00
		HIGH	64QAM	21.41	21.18	21.10	22.00
	75	LOW	64QAM	21.07	21.12	21.02	22.00

LTE B66-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.72	23.76	23.64	25.00
		MID	QPSK	24.04	23.88	23.91	25.00
		HIGH	QPSK	23.92	23.79	24.44	25.00
	50	LOW	QPSK	23.05	23.01	22.71	24.00
		MID	QPSK	22.96	23.08	23.10	24.00
		HIGH	QPSK	23.04	23.10	23.28	24.00
	100	LOW	QPSK	22.87	23.04	22.95	24.00
10	1	LOW	Q16	23.43	23.43	23.25	24.00
		MID	Q16	23.36	23.35	23.46	24.00
		HIGH	Q16	23.23	23.33	23.74	24.00
	50	LOW	Q16	22.35	22.39	21.99	23.00
		MID	Q16	22.10	22.29	22.01	23.00
		HIGH	Q16	22.38	22.15	22.32	23.00
	100	LOW	Q16	22.03	22.12	21.95	23.00
10	1	LOW	64QAM	22.32	22.53	22.27	23.00
		MID	64QAM	22.61	22.25	22.35	23.00
		HIGH	64QAM	22.39	22.38	22.89	23.00
	50	LOW	64QAM	21.42	21.13	20.95	22.00
		MID	64QAM	21.26	21.02	21.25	22.00
		HIGH	64QAM	21.40	21.16	21.20	22.00
	100	LOW	64QAM	20.87	21.01	21.06	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.77	23.77	23.60	25.00
		MID	QPSK	23.80	23.87	23.91	25.00
		HIGH	QPSK	23.94	23.91	24.25	25.00
	36	LOW	QPSK	23.06	22.95	22.78	24.00
		MID	QPSK	22.97	22.99	23.03	24.00
		HIGH	QPSK	23.13	23.08	23.14	24.00
	75	LOW	QPSK	22.97	22.99	22.88	24.00
15	1	LOW	Q16	23.44	23.20	23.13	24.00
		MID	Q16	23.31	23.43	23.46	24.00
		HIGH	Q16	23.37	23.45	23.94	24.00
	36	LOW	Q16	22.11	22.33	22.08	23.00
		MID	Q16	22.11	22.04	22.04	23.00
		HIGH	Q16	22.08	21.98	22.19	23.00
	75	LOW	Q16	22.11	22.32	22.07	23.00
15	1	LOW	64QAM	22.14	22.45	22.28	23.00
		MID	64QAM	22.68	22.21	22.38	23.00
		HIGH	64QAM	22.32	22.49	22.68	23.00
	36	LOW	64QAM	21.35	21.31	20.97	22.00
		MID	64QAM	21.21	20.93	21.09	22.00
		HIGH	64QAM	21.36	21.13	21.26	22.00
	75	LOW	64QAM	21.06	21.18	20.91	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.81	23.79	23.62	25.00
		MID	QPSK	23.89	23.92	23.94	25.00
		HIGH	QPSK	23.81	23.82	24.37	25.00
	50	LOW	QPSK	23.02	23.10	22.80	24.00
		MID	QPSK	23.02	23.06	22.99	24.00
		HIGH	QPSK	23.01	22.99	23.13	24.00
	100	LOW	QPSK	22.94	23.00	22.88	24.00
20	1	LOW	Q16	23.36	23.33	23.26	24.00
		MID	Q16	23.41	23.44	23.52	24.00
		HIGH	Q16	23.34	23.37	23.83	24.00
	50	LOW	Q16	22.23	22.24	21.95	23.00
		MID	Q16	22.20	22.17	22.13	23.00
		HIGH	Q16	22.23	22.13	22.25	23.00
	100	LOW	Q16	22.13	22.18	22.04	23.00
20	1	LOW	64QAM	22.28	22.43	22.37	23.00
		MID	64QAM	22.54	22.36	22.50	23.00
		HIGH	64QAM	22.44	22.35	22.78	23.00
	50	LOW	64QAM	21.29	21.21	21.08	22.00
		MID	64QAM	21.30	21.02	21.21	22.00
		HIGH	64QAM	21.38	21.21	21.23	22.00
	100	LOW	64QAM	21.02	21.11	21.00	22.00

LTE B66-DS11 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.28	19.22	19.29	20.50
		MID	QPSK	19.25	19.55	19.32	20.50
		HIGH	QPSK	19.31	19.40	19.49	20.50
	3	LOW	QPSK	19.18	19.47	19.05	20.50
		MID	QPSK	19.22	19.36	19.20	20.50
		HIGH	QPSK	19.26	19.31	19.55	20.50
1.4	6	LOW	QPSK	19.46	19.46	19.12	20.50
		LOW	Q16	20.05	19.84	19.80	20.50
		MID	Q16	20.09	20.00	19.80	20.50
	3	HIGH	Q16	19.89	19.84	20.03	20.50
		LOW	Q16	19.93	20.01	19.61	20.50
		MID	Q16	20.09	20.06	19.82	20.50
1.4	6	HIGH	Q16	19.89	19.90	20.17	20.50
		LOW	Q16	19.61	19.53	19.55	20.50
	1	LOW	64QAM	20.06	19.86	19.72	20.50
		MID	64QAM	19.98	20.13	19.70	20.50
		HIGH	64QAM	19.77	19.82	19.95	20.50
	3	LOW	64QAM	20.16	19.90	19.72	20.50
Bandwidth (MHz)	6	MID	64QAM	20.06	20.27	19.72	20.50
		HIGH	64QAM	19.80	19.81	20.19	20.50
		LOW	64QAM	19.64	19.62	19.57	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.25	19.25	19.04	20.50
		MID	QPSK	19.46	19.52	19.41	20.50
		HIGH	QPSK	19.33	19.44	19.37	20.50
	8	LOW	QPSK	19.58	19.54	19.31	20.50
		MID	QPSK	19.56	19.44	19.47	20.50
		HIGH	QPSK	19.46	19.30	19.54	20.50
3	15	LOW	QPSK	19.49	19.42	19.21	20.50
		LOW	Q16	19.87	20.03	19.60	20.50
		MID	Q16	20.06	20.19	19.83	20.50
	8	HIGH	Q16	19.78	19.81	20.18	20.50
		LOW	Q16	19.58	19.71	19.51	20.50
		MID	Q16	19.52	19.79	19.67	20.50
3	15	HIGH	Q16	19.47	19.61	19.78	20.50
		LOW	Q16	19.74	19.78	19.54	20.50
	1	LOW	64QAM	19.92	19.93	19.73	20.50
		MID	64QAM	20.00	20.18	19.84	20.50
		HIGH	64QAM	20.03	19.97	20.20	20.50
	8	LOW	64QAM	19.43	19.63	19.41	20.50
Bandwidth (MHz)	15	MID	64QAM	19.59	19.70	19.78	20.50
		HIGH	64QAM	19.59	19.58	19.69	20.50
		LOW	64QAM	19.69	19.53	19.58	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.38	19.33	19.01	20.50
		MID	QPSK	19.35	19.39	19.12	20.50
		HIGH	QPSK	19.35	19.36	19.56	20.50
	36	LOW	QPSK	19.49	19.48	19.11	20.50
		MID	QPSK	19.40	19.53	19.36	20.50
		HIGH	QPSK	19.62	19.45	19.44	20.50
5	75	LOW	QPSK	19.45	19.36	19.32	20.50
	1	LOW	Q16	20.10	19.99	19.66	20.50
		MID	Q16	20.18	20.07	19.96	20.50
		HIGH	Q16	20.06	19.90	20.10	20.50
	36	LOW	Q16	19.61	19.77	19.48	20.50
		MID	Q16	19.81	19.80	19.48	20.50
5	75	HIGH	Q16	19.50	19.55	19.67	20.50
		LOW	Q16	19.58	19.74	19.58	20.50
	1	LOW	64QAM	20.14	19.75	19.85	20.50
		MID	64QAM	19.96	20.04	19.74	20.50
		HIGH	64QAM	20.04	19.94	20.10	20.50
	36	LOW	64QAM	19.46	19.56	19.33	20.50
Bandwidth (MHz)	75	MID	64QAM	19.54	19.70	19.58	20.50
		HIGH	64QAM	19.43	19.73	19.75	20.50
		LOW	64QAM	19.78	19.54	19.36	20.50

LTE B66-DS11 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.17	19.33	19.28	20.50
		MID	QPSK	19.39	19.40	19.30	20.50
		HIGH	QPSK	19.13	19.32	19.56	20.50
	50	LOW	QPSK	19.51	19.59	19.08	20.50
		MID	QPSK	19.44	19.44	19.51	20.50
		HIGH	QPSK	19.41	19.42	19.61	20.50
	100	LOW	QPSK	19.58	19.37	19.32	20.50
10	1	LOW	Q16	20.15	20.07	19.66	20.50
		MID	Q16	20.12	19.99	19.84	20.50
		HIGH	Q16	19.86	19.84	20.05	20.50
	50	LOW	Q16	19.49	19.76	19.30	20.50
		MID	Q16	19.76	19.82	19.57	20.50
		HIGH	Q16	19.55	19.59	19.78	20.50
	100	LOW	Q16	19.68	19.66	19.47	20.50
10	1	LOW	64QAM	20.22	19.98	19.65	20.50
		MID	64QAM	20.16	20.10	19.97	20.50
		HIGH	64QAM	20.07	19.70	19.95	20.50
	50	LOW	64QAM	19.44	19.49	19.20	20.50
		MID	64QAM	19.64	19.78	19.79	20.50
		HIGH	64QAM	19.58	19.65	19.65	20.50
	100	LOW	64QAM	19.74	19.62	19.41	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.22	19.41	19.10	20.50
		MID	QPSK	19.31	19.48	19.25	20.50
		HIGH	QPSK	19.43	19.30	19.36	20.50
	36	LOW	QPSK	19.42	19.69	19.33	20.50
		MID	QPSK	19.37	19.47	19.49	20.50
		HIGH	QPSK	19.49	19.40	19.37	20.50
	75	LOW	QPSK	19.34	19.43	19.29	20.50
15	1	LOW	Q16	19.86	19.90	19.70	20.50
		MID	Q16	20.05	19.94	19.77	20.50
		HIGH	Q16	20.00	20.08	20.02	20.50
	36	LOW	Q16	19.62	19.67	19.31	20.50
		MID	Q16	19.54	19.79	19.60	20.50
		HIGH	Q16	19.68	19.58	19.57	20.50
	75	LOW	Q16	19.66	19.79	19.47	20.50
15	1	LOW	64QAM	20.18	19.89	19.67	20.50
		MID	64QAM	20.13	20.09	19.82	20.50
		HIGH	64QAM	19.91	19.84	20.21	20.50
	36	LOW	64QAM	19.57	19.75	19.20	20.50
		MID	64QAM	19.49	19.77	19.76	20.50
		HIGH	64QAM	19.46	19.61	19.68	20.50
	75	LOW	64QAM	19.57	19.51	19.35	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.23	19.37	19.02	20.50
		MID	QPSK	19.36	19.40	19.26	20.50
		HIGH	QPSK	19.28	19.32	19.50	20.50
	50	LOW	QPSK	19.48	19.56	19.21	20.50
		MID	QPSK	19.47	19.54	19.43	20.50
		HIGH	QPSK	19.47	19.45	19.50	20.50
	100	LOW	QPSK	19.44	19.49	19.26	20.50
20	1	LOW	Q16	20.01	19.98	19.65	20.50
		MID	Q16	20.04	20.07	19.90	20.50
		HIGH	Q16	19.93	19.93	20.13	20.50
	50	LOW	Q16	19.64	19.76	19.36	20.50
		MID	Q16	19.66	19.72	19.54	20.50
		HIGH	Q16	19.60	19.62	19.64	20.50
	100	LOW	Q16	19.63	19.67	19.47	20.50
20	1	LOW	64QAM	20.07	19.89	19.72	20.50
		MID	64QAM	20.08	20.13	19.82	20.50
		HIGH	64QAM	19.92	19.85	20.08	20.50
	50	LOW	64QAM	19.50	19.61	19.32	20.50
		MID	64QAM	19.58	19.64	19.65	20.50
		HIGH	64QAM	19.51	19.69	19.69	20.50
	100	LOW	64QAM	19.72	19.52	19.47	20.50

LTE B66-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.80	23.90	23.63	25.00
		MID	QPSK	23.91	23.89	24.00	25.00
		HIGH	QPSK	23.71	23.76	24.52	25.00
	3	LOW	QPSK	23.79	23.87	23.68	25.00
		MID	QPSK	23.83	23.96	23.79	25.00
		HIGH	QPSK	23.85	23.73	24.32	25.00
6	LOW	QPSK	23.00	23.03	22.92	24.00	
1.4	1	LOW	Q16	23.50	23.48	23.17	24.00
		MID	Q16	23.37	23.58	23.67	24.00
		HIGH	Q16	23.23	23.42	23.78	24.00
	3	LOW	Q16	23.32	23.32	23.41	24.00
		MID	Q16	23.36	23.31	23.63	24.00
		HIGH	Q16	23.45	23.51	23.87	24.00
6	LOW	Q16	22.13	22.28	22.03	23.00	
1.4	1	LOW	64QAM	22.40	22.29	22.22	23.00
		MID	64QAM	22.42	22.24	22.40	23.00
		HIGH	64QAM	22.29	22.23	22.82	23.00
	3	LOW	64QAM	22.23	22.38	22.40	23.00
		MID	64QAM	22.65	22.36	22.51	23.00
		HIGH	64QAM	22.51	22.41	22.74	23.00
6	LOW	64QAM	20.92	21.13	21.04	22.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.93	23.73	23.72	25.00
		MID	QPSK	23.89	23.84	23.80	25.00
		HIGH	QPSK	23.67	23.73	24.50	25.00
	8	LOW	QPSK	23.14	23.09	22.78	24.00
		MID	QPSK	23.11	23.02	22.87	24.00
		HIGH	QPSK	23.14	23.05	23.14	24.00
15	LOW	QPSK	22.95	23.05	22.77	24.00	
3	1	LOW	Q16	23.36	23.26	23.41	24.00
		MID	Q16	23.38	23.52	23.64	24.00
		HIGH	Q16	23.32	23.27	23.74	24.00
	8	LOW	Q16	22.14	22.30	21.80	23.00
		MID	Q16	22.15	22.25	22.15	23.00
		HIGH	Q16	22.28	22.21	22.28	23.00
15	LOW	Q16	22.07	22.03	21.95	23.00	
3	1	LOW	64QAM	22.40	22.41	22.45	23.00
		MID	64QAM	22.43	22.40	22.51	23.00
		HIGH	64QAM	22.34	22.40	22.85	23.00
	8	LOW	64QAM	21.16	21.32	21.04	22.00
		MID	64QAM	21.15	21.12	21.10	22.00
		HIGH	64QAM	21.50	21.13	21.15	22.00
15	LOW	64QAM	21.03	21.06	21.03	22.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.81	23.85	23.79	25.00
		MID	QPSK	24.01	23.90	23.99	25.00
		HIGH	QPSK	23.92	23.83	24.23	25.00
	36	LOW	QPSK	23.00	23.23	22.87	24.00
		MID	QPSK	22.96	23.12	22.97	24.00
		HIGH	QPSK	22.91	22.98	23.00	24.00
75	LOW	QPSK	22.99	23.09	22.92	24.00	
5	1	LOW	Q16	23.35	23.22	23.17	24.00
		MID	Q16	23.41	23.33	23.60	24.00
		HIGH	Q16	23.24	23.52	23.72	24.00
	36	LOW	Q16	22.10	22.22	22.10	23.00
		MID	Q16	22.34	22.19	22.07	23.00
		HIGH	Q16	22.23	22.21	22.18	23.00
75	LOW	Q16	22.15	22.06	22.19	23.00	
5	1	LOW	64QAM	22.18	22.44	22.22	23.00
		MID	64QAM	22.55	22.49	22.47	23.00
		HIGH	64QAM	22.55	22.48	22.73	23.00
	36	LOW	64QAM	21.37	21.13	21.04	22.00
		MID	64QAM	21.24	21.10	21.30	22.00
		HIGH	64QAM	21.41	21.18	21.10	22.00
75	LOW	64QAM	21.07	21.12	21.02	22.00	

LTE B66-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.72	23.76	23.64	25.00
		MID	QPSK	24.04	23.88	23.91	25.00
		HIGH	QPSK	23.92	23.79	24.44	25.00
	50	LOW	QPSK	23.05	23.01	22.71	24.00
		MID	QPSK	22.96	23.08	23.10	24.00
		HIGH	QPSK	23.04	23.10	23.28	24.00
	100	LOW	QPSK	22.87	23.04	22.95	24.00
10	1	LOW	Q16	23.43	23.43	23.25	24.00
		MID	Q16	23.36	23.35	23.46	24.00
		HIGH	Q16	23.23	23.33	23.74	24.00
	50	LOW	Q16	22.35	22.39	21.99	23.00
		MID	Q16	22.10	22.29	22.01	23.00
		HIGH	Q16	22.38	22.15	22.32	23.00
	100	LOW	Q16	22.03	22.12	21.95	23.00
10	1	LOW	64QAM	22.32	22.53	22.27	23.00
		MID	64QAM	22.61	22.25	22.35	23.00
		HIGH	64QAM	22.39	22.38	22.89	23.00
	50	LOW	64QAM	21.42	21.13	20.95	22.00
		MID	64QAM	21.26	21.02	21.25	22.00
		HIGH	64QAM	21.40	21.16	21.20	22.00
	100	LOW	64QAM	20.87	21.01	21.06	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.77	23.77	23.60	25.00
		MID	QPSK	23.80	23.87	23.91	25.00
		HIGH	QPSK	23.94	23.91	24.25	25.00
	36	LOW	QPSK	23.06	22.95	22.78	24.00
		MID	QPSK	22.97	22.99	23.03	24.00
		HIGH	QPSK	23.13	23.08	23.14	24.00
	75	LOW	QPSK	22.97	22.99	22.88	24.00
15	1	LOW	Q16	23.44	23.20	23.13	24.00
		MID	Q16	23.31	23.43	23.46	24.00
		HIGH	Q16	23.37	23.45	23.94	24.00
	36	LOW	Q16	22.11	22.33	22.08	23.00
		MID	Q16	22.11	22.04	22.04	23.00
		HIGH	Q16	22.08	21.98	22.19	23.00
	75	LOW	Q16	22.11	22.32	22.07	23.00
15	1	LOW	64QAM	22.14	22.45	22.28	23.00
		MID	64QAM	22.68	22.21	22.38	23.00
		HIGH	64QAM	22.32	22.49	22.68	23.00
	36	LOW	64QAM	21.35	21.31	20.97	22.00
		MID	64QAM	21.21	20.93	21.09	22.00
		HIGH	64QAM	21.36	21.13	21.26	22.00
	75	LOW	64QAM	21.06	21.18	20.91	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.81	23.79	23.62	25.00
		MID	QPSK	23.89	23.92	23.94	25.00
		HIGH	QPSK	23.81	23.82	24.37	25.00
	50	LOW	QPSK	23.02	23.10	22.80	24.00
		MID	QPSK	23.02	23.06	22.99	24.00
		HIGH	QPSK	23.01	22.99	23.13	24.00
	100	LOW	QPSK	22.94	23.00	22.88	24.00
20	1	LOW	Q16	23.36	23.33	23.26	24.00
		MID	Q16	23.41	23.44	23.52	24.00
		HIGH	Q16	23.34	23.37	23.83	24.00
	50	LOW	Q16	22.23	22.24	21.95	23.00
		MID	Q16	22.20	22.17	22.13	23.00
		HIGH	Q16	22.23	22.13	22.25	23.00
	100	LOW	Q16	22.13	22.18	22.04	23.00
20	1	LOW	64QAM	22.28	22.43	22.37	23.00
		MID	64QAM	22.54	22.36	22.50	23.00
		HIGH	64QAM	22.44	22.35	22.78	23.00
	50	LOW	64QAM	21.29	21.21	21.08	22.00
		MID	64QAM	21.30	21.02	21.21	22.00
		HIGH	64QAM	21.38	21.21	21.23	22.00
	100	LOW	64QAM	21.02	21.11	21.00	22.00

LTE B66-DSI4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.76	20.70	20.60	22.00
		MID	QPSK	20.71	20.74	20.63	22.00
		HIGH	QPSK	20.66	20.82	21.15	22.00
	3	LOW	QPSK	20.61	20.58	20.52	22.00
		MID	QPSK	20.88	20.76	20.77	22.00
		HIGH	QPSK	20.71	20.64	21.14	22.00
6	LOW	QPSK	20.85	21.00	20.71	22.00	
1.4	1	LOW	Q16	21.21	21.36	21.22	22.00
		MID	Q16	21.51	21.29	21.39	22.00
		HIGH	Q16	21.52	21.19	21.86	22.00
	3	LOW	Q16	21.40	21.47	21.17	22.00
		MID	Q16	21.31	21.53	21.52	22.00
		HIGH	Q16	21.34	21.44	21.66	22.00
6	LOW	Q16	20.91	21.27	20.97	22.00	
1.4	1	LOW	64QAM	21.47	21.34	21.17	22.00
		MID	64QAM	21.39	21.54	21.37	22.00
		HIGH	64QAM	21.41	21.39	21.53	22.00
	3	LOW	64QAM	21.49	21.31	21.34	22.00
		MID	64QAM	21.19	21.44	21.34	22.00
		HIGH	64QAM	21.43	21.40	21.68	22.00
6	LOW	64QAM	21.33	21.06	21.03	22.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.66	20.79	20.55	22.00
		MID	QPSK	20.81	20.74	20.64	22.00
		HIGH	QPSK	20.67	20.73	20.94	22.00
	8	LOW	QPSK	20.75	21.15	20.61	22.00
		MID	QPSK	20.94	20.91	20.81	22.00
		HIGH	QPSK	20.78	20.95	21.03	22.00
15	LOW	QPSK	20.77	21.00	20.81	22.00	
3	1	LOW	Q16	21.38	21.20	21.28	22.00
		MID	Q16	21.38	21.50	21.47	22.00
		HIGH	Q16	21.48	21.48	21.69	22.00
	8	LOW	Q16	20.94	21.23	20.97	22.00
		MID	Q16	21.06	21.07	20.97	22.00
		HIGH	Q16	21.29	20.90	21.31	22.00
15	LOW	Q16	21.08	21.06	20.85	22.00	
3	1	LOW	64QAM	21.53	21.49	21.34	22.00
		MID	64QAM	21.40	21.36	21.51	22.00
		HIGH	64QAM	21.55	21.32	21.73	22.00
	8	LOW	64QAM	21.34	21.05	20.86	22.00
		MID	64QAM	21.20	21.23	21.09	22.00
		HIGH	64QAM	21.13	20.92	21.20	22.00
15	LOW	64QAM	21.18	21.13	21.25	22.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.60	20.75	20.64	22.00
		MID	QPSK	20.88	20.89	20.62	22.00
		HIGH	QPSK	20.84	20.66	20.98	22.00
	36	LOW	QPSK	20.77	21.03	20.55	22.00
		MID	QPSK	21.03	21.07	20.80	22.00
		HIGH	QPSK	20.99	20.82	20.95	22.00
75	LOW	QPSK	20.73	20.97	20.82	22.00	
5	1	LOW	Q16	21.26	21.42	21.20	22.00
		MID	Q16	21.29	21.28	21.34	22.00
		HIGH	Q16	21.37	21.47	21.59	22.00
	36	LOW	Q16	21.00	21.05	20.95	22.00
		MID	Q16	21.19	21.05	21.04	22.00
		HIGH	Q16	21.09	20.95	21.11	22.00
75	LOW	Q16	20.95	21.01	21.10	22.00	
5	1	LOW	64QAM	21.32	21.26	21.30	22.00
		MID	64QAM	21.46	21.34	21.58	22.00
		HIGH	64QAM	21.43	21.32	21.61	22.00
	36	LOW	64QAM	21.34	21.28	20.73	22.00
		MID	64QAM	21.09	21.38	21.03	22.00
		HIGH	64QAM	21.39	21.09	21.17	22.00
75	LOW	64QAM	21.06	20.97	21.18	22.00	

LTE B66-DSI4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.80	20.79	20.65	22.00
		MID	QPSK	20.98	20.67	20.73	22.00
		HIGH	QPSK	20.71	20.72	20.97	22.00
	50	LOW	QPSK	20.96	20.87	20.82	22.00
		MID	QPSK	20.85	20.98	20.82	22.00
		HIGH	QPSK	20.93	20.85	21.07	22.00
	100	LOW	QPSK	20.89	20.86	20.69	22.00
10	1	LOW	Q16	21.19	21.21	21.37	22.00
		MID	Q16	21.53	21.47	21.39	22.00
		HIGH	Q16	21.22	21.19	21.59	22.00
	50	LOW	Q16	21.12	21.04	20.73	22.00
		MID	Q16	21.25	21.21	21.23	22.00
		HIGH	Q16	21.21	21.18	21.18	22.00
	100	LOW	Q16	20.97	21.29	20.95	22.00
10	1	LOW	64QAM	21.34	21.49	21.28	22.00
		MID	64QAM	21.23	21.53	21.34	22.00
		HIGH	64QAM	21.45	21.19	21.49	22.00
	50	LOW	64QAM	21.34	21.14	20.65	22.00
		MID	64QAM	20.91	21.37	21.10	22.00
		HIGH	64QAM	21.23	20.98	21.39	22.00
	100	LOW	64QAM	21.08	21.04	21.20	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.66	20.77	20.57	22.00
		MID	QPSK	20.80	20.71	20.88	22.00
		HIGH	QPSK	20.76	20.55	21.16	22.00
	36	LOW	QPSK	20.94	20.89	20.60	22.00
		MID	QPSK	20.95	20.92	20.96	22.00
		HIGH	QPSK	20.80	21.05	21.02	22.00
	75	LOW	QPSK	20.71	21.05	20.59	22.00
15	1	LOW	Q16	21.26	21.41	21.22	22.00
		MID	Q16	21.48	21.44	21.46	22.00
		HIGH	Q16	21.34	21.38	21.67	22.00
	36	LOW	Q16	21.16	21.25	20.90	22.00
		MID	Q16	21.13	21.24	20.98	22.00
		HIGH	Q16	21.16	21.09	21.05	22.00
	75	LOW	Q16	20.94	21.16	21.01	22.00
15	1	LOW	64QAM	21.58	21.36	21.20	22.00
		MID	64QAM	21.38	21.44	21.50	22.00
		HIGH	64QAM	21.60	21.21	21.65	22.00
	36	LOW	64QAM	21.24	21.00	20.74	22.00
		MID	64QAM	20.94	21.39	21.08	22.00
		HIGH	64QAM	21.12	21.11	21.23	22.00
	75	LOW	64QAM	21.17	21.00	21.11	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.73	20.70	20.50	22.00
		MID	QPSK	20.83	20.76	20.75	22.00
		HIGH	QPSK	20.75	20.69	21.01	22.00
	50	LOW	QPSK	20.88	21.02	20.68	22.00
		MID	QPSK	20.92	20.99	20.86	22.00
		HIGH	QPSK	20.93	20.93	20.96	22.00
	100	LOW	QPSK	20.82	20.95	20.74	22.00
20	1	LOW	Q16	21.34	21.35	21.26	22.00
		MID	Q16	21.40	21.39	21.43	22.00
		HIGH	Q16	21.37	21.34	21.74	22.00
	50	LOW	Q16	21.09	21.17	20.88	22.00
		MID	Q16	21.11	21.15	21.08	22.00
		HIGH	Q16	21.14	21.05	21.18	22.00
	100	LOW	Q16	21.04	21.14	20.98	22.00
20	1	LOW	64QAM	21.43	21.41	21.24	22.00
		MID	64QAM	21.34	21.47	21.43	22.00
		HIGH	64QAM	21.45	21.31	21.59	22.00
	50	LOW	64QAM	21.19	21.15	20.73	22.00
		MID	64QAM	21.06	21.29	20.95	22.00
		HIGH	64QAM	21.27	21.00	21.24	22.00
	100	LOW	64QAM	21.18	21.03	21.12	22.00

8.3.5 LTE Band66 Output Power

BL-SZ2270591-701

LTE B66-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.99	24.01	23.83	25.50
		MID	QPSK	24.09	24.38	24.38	25.50
		HIGH	QPSK	24.26	24.07	24.57	25.50
	3	LOW	QPSK	24.25	24.20	23.93	25.50
		MID	QPSK	24.13	24.36	24.40	25.50
		HIGH	QPSK	24.24	24.08	24.57	25.50
	6	LOW	QPSK	23.34	23.37	23.06	24.50
1.4	1	LOW	Q16	23.51	23.55	23.73	24.50
		MID	Q16	23.74	23.79	23.95	24.50
		HIGH	Q16	23.64	23.59	24.20	24.50
	3	LOW	Q16	23.69	23.53	23.71	24.50
		MID	Q16	23.84	23.62	23.94	24.50
		HIGH	Q16	23.61	23.62	24.21	24.50
	6	LOW	Q16	22.36	22.49	22.40	23.50
1.4	1	LOW	64QAM	22.61	22.69	22.48	23.50
		MID	64QAM	22.57	22.74	22.79	23.50
		HIGH	64QAM	22.53	22.76	23.35	23.50
	3	LOW	64QAM	22.47	22.54	22.44	23.50
		MID	64QAM	22.54	22.84	22.84	23.50
		HIGH	64QAM	22.52	22.67	23.46	23.50
	6	LOW	64QAM	21.45	21.61	21.41	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.15	24.26	23.84	25.50
		MID	QPSK	24.09	24.12	24.24	25.50
		HIGH	QPSK	24.04	24.30	24.56	25.50
	8	LOW	QPSK	23.24	23.35	23.16	24.50
		MID	QPSK	23.28	23.29	23.45	24.50
		HIGH	QPSK	23.38	23.49	23.41	24.50
	15	LOW	QPSK	23.25	23.40	23.17	24.50
3	1	LOW	Q16	23.68	23.79	23.53	24.50
		MID	Q16	23.66	23.83	23.90	24.50
		HIGH	Q16	23.76	23.83	24.06	24.50
	8	LOW	Q16	22.37	22.72	22.33	23.50
		MID	Q16	22.50	22.44	22.36	23.50
		HIGH	Q16	22.47	22.37	22.48	23.50
	15	LOW	Q16	22.57	22.37	22.25	23.50
3	1	LOW	64QAM	22.48	22.57	22.35	23.50
		MID	64QAM	22.69	22.76	22.77	23.50
		HIGH	64QAM	22.46	22.63	23.18	23.50
	8	LOW	64QAM	21.71	21.68	21.26	22.50
		MID	64QAM	21.37	21.67	21.54	22.50
		HIGH	64QAM	21.49	21.55	21.69	22.50
	15	LOW	64QAM	21.47	21.48	21.28	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.13	24.02	23.93	25.50
		MID	QPSK	24.16	24.33	24.39	25.50
		HIGH	QPSK	24.05	24.16	24.62	25.50
	36	LOW	QPSK	23.42	23.45	23.05	24.50
		MID	QPSK	23.31	23.41	23.22	24.50
		HIGH	QPSK	23.24	23.48	23.55	24.50
	75	LOW	QPSK	23.18	23.45	23.24	24.50
5	1	LOW	Q16	23.68	23.67	23.44	24.50
		MID	Q16	23.55	23.83	23.82	24.50
		HIGH	Q16	23.67	23.75	24.20	24.50
	36	LOW	Q16	22.57	22.60	22.31	23.50
		MID	Q16	22.41	22.68	22.56	23.50
		HIGH	Q16	22.63	22.56	22.72	23.50
	75	LOW	Q16	22.36	22.52	22.42	23.50
5	1	LOW	64QAM	22.58	22.58	22.47	23.50
		MID	64QAM	22.60	22.95	22.90	23.50
		HIGH	64QAM	22.54	22.78	23.22	23.50
	36	LOW	64QAM	21.73	21.68	21.30	22.50
		MID	64QAM	21.53	21.68	21.59	22.50
		HIGH	64QAM	21.44	21.35	21.63	22.50
	75	LOW	64QAM	21.50	21.54	21.31	22.50

LTE B66-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.19	24.25	23.95	25.50
		MID	QPSK	24.26	24.25	24.33	25.50
		HIGH	QPSK	24.03	24.11	24.65	25.50
	50	LOW	QPSK	23.46	23.51	23.09	24.50
		MID	QPSK	23.26	23.52	23.24	24.50
		HIGH	QPSK	23.40	23.44	23.51	24.50
	100	LOW	QPSK	23.11	23.50	23.23	24.50
10	1	LOW	Q16	23.53	23.50	23.55	24.50
		MID	Q16	23.57	23.79	23.96	24.50
		HIGH	Q16	23.54	23.87	24.14	24.50
	50	LOW	Q16	22.55	22.47	22.38	23.50
		MID	Q16	22.36	22.43	22.55	23.50
		HIGH	Q16	22.44	22.52	22.64	23.50
	100	LOW	Q16	22.49	22.60	22.44	23.50
10	1	LOW	64QAM	22.33	22.62	22.49	23.50
		MID	64QAM	22.78	23.00	22.83	23.50
		HIGH	64QAM	22.61	22.68	23.40	23.50
	50	LOW	64QAM	21.72	21.56	21.28	22.50
		MID	64QAM	21.55	21.78	21.56	22.50
		HIGH	64QAM	21.56	21.47	21.69	22.50
	100	LOW	64QAM	21.50	21.61	21.23	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.17	24.10	23.90	25.50
		MID	QPSK	24.19	24.15	24.33	25.50
		HIGH	QPSK	24.05	24.25	24.60	25.50
	36	LOW	QPSK	23.23	23.43	23.20	24.50
		MID	QPSK	23.29	23.46	23.32	24.50
		HIGH	QPSK	23.32	23.46	23.59	24.50
	75	LOW	QPSK	23.29	23.36	23.07	24.50
15	1	LOW	Q16	23.75	23.78	23.71	24.50
		MID	Q16	23.68	23.83	23.95	24.50
		HIGH	Q16	23.62	23.76	24.27	24.50
	36	LOW	Q16	22.62	22.48	22.46	23.50
		MID	Q16	22.41	22.40	22.52	23.50
		HIGH	Q16	22.60	22.47	22.71	23.50
	75	LOW	Q16	22.42	22.66	22.37	23.50
15	1	LOW	64QAM	22.44	22.58	22.45	23.50
		MID	64QAM	22.73	22.99	22.83	23.50
		HIGH	64QAM	22.57	22.88	23.18	23.50
	36	LOW	64QAM	21.71	21.64	21.25	22.50
		MID	64QAM	21.29	21.55	21.49	22.50
		HIGH	64QAM	21.47	21.34	21.69	22.50
	75	LOW	64QAM	21.34	21.68	21.32	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.11	24.13	23.96	25.50
		MID	QPSK	24.22	24.25	24.26	25.50
		HIGH	QPSK	24.18	24.18	24.66	25.50
	50	LOW	QPSK	23.35	23.43	23.16	24.50
		MID	QPSK	23.32	23.41	23.34	24.50
		HIGH	QPSK	23.39	23.35	23.46	24.50
	100	LOW	QPSK	23.25	23.37	23.21	24.50
20	1	LOW	Q16	23.62	23.65	23.59	24.50
		MID	Q16	23.69	23.75	23.86	24.50
		HIGH	Q16	23.65	23.73	24.17	24.50
	50	LOW	Q16	22.51	22.57	22.34	23.50
		MID	Q16	22.47	22.53	22.50	23.50
		HIGH	Q16	22.53	22.44	22.59	23.50
	100	LOW	Q16	22.43	22.51	22.40	23.50
20	1	LOW	64QAM	22.47	22.60	22.45	23.50
		MID	64QAM	22.63	22.86	22.76	23.50
		HIGH	64QAM	22.51	22.75	23.32	23.50
	50	LOW	64QAM	21.66	21.56	21.29	22.50
		MID	64QAM	21.41	21.64	21.62	22.50
		HIGH	64QAM	21.56	21.41	21.74	22.50
	100	LOW	64QAM	21.46	21.54	21.28	22.50

LTE B66-DS11&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.99	24.01	23.83	25.50
		MID	QPSK	24.09	24.38	24.38	25.50
		HIGH	QPSK	24.26	24.07	24.57	25.50
	3	LOW	QPSK	24.25	24.20	23.93	25.50
		MID	QPSK	24.13	24.36	24.40	25.50
		HIGH	QPSK	24.24	24.08	24.57	25.50
6	LOW	QPSK	23.34	23.37	23.06	24.50	
1.4	1	LOW	Q16	23.51	23.55	23.73	24.50
		MID	Q16	23.74	23.79	23.95	24.50
		HIGH	Q16	23.64	23.59	24.20	24.50
	3	LOW	Q16	23.69	23.53	23.71	24.50
		MID	Q16	23.84	23.62	23.94	24.50
		HIGH	Q16	23.61	23.62	24.21	24.50
6	LOW	Q16	22.36	22.49	22.40	23.50	
1.4	1	LOW	64QAM	22.61	22.69	22.48	23.50
		MID	64QAM	22.57	22.74	22.79	23.50
		HIGH	64QAM	22.53	22.76	23.35	23.50
	3	LOW	64QAM	22.47	22.54	22.44	23.50
		MID	64QAM	22.54	22.84	22.84	23.50
		HIGH	64QAM	22.52	22.67	23.46	23.50
6	LOW	64QAM	21.45	21.61	21.41	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.15	24.26	23.84	25.50
		MID	QPSK	24.09	24.12	24.24	25.50
		HIGH	QPSK	24.04	24.30	24.56	25.50
	8	LOW	QPSK	23.24	23.35	23.16	24.50
		MID	QPSK	23.28	23.29	23.45	24.50
		HIGH	QPSK	23.38	23.49	23.41	24.50
15	LOW	QPSK	23.25	23.40	23.17	24.50	
3	1	LOW	Q16	23.68	23.79	23.53	24.50
		MID	Q16	23.66	23.83	23.90	24.50
		HIGH	Q16	23.76	23.83	24.06	24.50
	8	LOW	Q16	22.37	22.72	22.33	23.50
		MID	Q16	22.50	22.44	22.36	23.50
		HIGH	Q16	22.47	22.37	22.48	23.50
15	LOW	Q16	22.57	22.37	22.25	23.50	
3	1	LOW	64QAM	22.48	22.57	22.35	23.50
		MID	64QAM	22.69	22.76	22.77	23.50
		HIGH	64QAM	22.46	22.63	23.18	23.50
	8	LOW	64QAM	21.71	21.68	21.26	22.50
		MID	64QAM	21.37	21.67	21.54	22.50
		HIGH	64QAM	21.49	21.55	21.69	22.50
15	LOW	64QAM	21.47	21.48	21.28	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.13	24.02	23.93	25.50
		MID	QPSK	24.16	24.33	24.39	25.50
		HIGH	QPSK	24.05	24.16	24.62	25.50
	36	LOW	QPSK	23.42	23.45	23.05	24.50
		MID	QPSK	23.31	23.41	23.22	24.50
		HIGH	QPSK	23.24	23.48	23.55	24.50
75	LOW	QPSK	23.18	23.45	23.24	24.50	
5	1	LOW	Q16	23.68	23.67	23.44	24.50
		MID	Q16	23.55	23.83	23.82	24.50
		HIGH	Q16	23.67	23.75	24.20	24.50
	36	LOW	Q16	22.57	22.60	22.31	23.50
		MID	Q16	22.41	22.68	22.56	23.50
		HIGH	Q16	22.63	22.56	22.72	23.50
75	LOW	Q16	22.36	22.52	22.42	23.50	
5	1	LOW	64QAM	22.58	22.58	22.47	23.50
		MID	64QAM	22.60	22.95	22.90	23.50
		HIGH	64QAM	22.54	22.78	23.22	23.50
	36	LOW	64QAM	21.73	21.68	21.30	22.50
		MID	64QAM	21.53	21.68	21.59	22.50
		HIGH	64QAM	21.44	21.35	21.63	22.50
75	LOW	64QAM	21.50	21.54	21.31	22.50	

LTE B66-DS11&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.19	24.25	23.95	25.50
		MID	QPSK	24.26	24.25	24.33	25.50
		HIGH	QPSK	24.03	24.11	24.65	25.50
	50	LOW	QPSK	23.46	23.51	23.09	24.50
		MID	QPSK	23.26	23.52	23.24	24.50
		HIGH	QPSK	23.40	23.44	23.51	24.50
	100	LOW	QPSK	23.11	23.50	23.23	24.50
10	1	LOW	Q16	23.53	23.50	23.55	24.50
		MID	Q16	23.57	23.79	23.96	24.50
		HIGH	Q16	23.54	23.87	24.14	24.50
	50	LOW	Q16	22.55	22.47	22.38	23.50
		MID	Q16	22.36	22.43	22.55	23.50
		HIGH	Q16	22.44	22.52	22.64	23.50
	100	LOW	Q16	22.49	22.60	22.44	23.50
10	1	LOW	64QAM	22.33	22.62	22.49	23.50
		MID	64QAM	22.78	23.00	22.83	23.50
		HIGH	64QAM	22.61	22.68	23.40	23.50
	50	LOW	64QAM	21.72	21.56	21.28	22.50
		MID	64QAM	21.55	21.78	21.56	22.50
		HIGH	64QAM	21.56	21.47	21.69	22.50
	100	LOW	64QAM	21.50	21.61	21.23	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.17	24.10	23.90	25.50
		MID	QPSK	24.19	24.15	24.33	25.50
		HIGH	QPSK	24.05	24.25	24.60	25.50
	36	LOW	QPSK	23.23	23.43	23.20	24.50
		MID	QPSK	23.29	23.46	23.32	24.50
		HIGH	QPSK	23.32	23.46	23.59	24.50
	75	LOW	QPSK	23.29	23.36	23.07	24.50
15	1	LOW	Q16	23.75	23.78	23.71	24.50
		MID	Q16	23.68	23.83	23.95	24.50
		HIGH	Q16	23.62	23.76	24.27	24.50
	36	LOW	Q16	22.62	22.48	22.46	23.50
		MID	Q16	22.41	22.40	22.52	23.50
		HIGH	Q16	22.60	22.47	22.71	23.50
	75	LOW	Q16	22.42	22.66	22.37	23.50
15	1	LOW	64QAM	22.44	22.58	22.45	23.50
		MID	64QAM	22.73	22.99	22.83	23.50
		HIGH	64QAM	22.57	22.88	23.18	23.50
	36	LOW	64QAM	21.71	21.64	21.25	22.50
		MID	64QAM	21.29	21.55	21.49	22.50
		HIGH	64QAM	21.47	21.34	21.69	22.50
	75	LOW	64QAM	21.34	21.68	21.32	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.11	24.13	23.96	25.50
		MID	QPSK	24.22	24.25	24.26	25.50
		HIGH	QPSK	24.18	24.18	24.66	25.50
	50	LOW	QPSK	23.35	23.43	23.16	24.50
		MID	QPSK	23.32	23.41	23.34	24.50
		HIGH	QPSK	23.39	23.35	23.46	24.50
	100	LOW	QPSK	23.25	23.37	23.21	24.50
20	1	LOW	Q16	23.62	23.65	23.59	24.50
		MID	Q16	23.69	23.75	23.86	24.50
		HIGH	Q16	23.65	23.73	24.17	24.50
	50	LOW	Q16	22.51	22.57	22.34	23.50
		MID	Q16	22.47	22.53	22.50	23.50
		HIGH	Q16	22.53	22.44	22.59	23.50
	100	LOW	Q16	22.43	22.51	22.40	23.50
20	1	LOW	64QAM	22.47	22.60	22.45	23.50
		MID	64QAM	22.63	22.86	22.76	23.50
		HIGH	64QAM	22.51	22.75	23.32	23.50
	50	LOW	64QAM	21.66	21.56	21.29	22.50
		MID	64QAM	21.41	21.64	21.62	22.50
		HIGH	64QAM	21.56	21.41	21.74	22.50
	100	LOW	64QAM	21.46	21.54	21.28	22.50

LTE B66-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.83	19.60	19.38	21.00
		MID	QPSK	19.91	19.67	19.60	21.00
		HIGH	QPSK	19.90	19.77	19.96	21.00
	3	LOW	QPSK	19.68	19.76	19.57	21.00
		MID	QPSK	19.87	19.65	19.59	21.00
		HIGH	QPSK	19.87	19.62	19.94	21.00
6	LOW	QPSK	19.94	20.07	19.62	21.00	
1.4	1	LOW	Q16	20.31	20.34	20.15	21.00
		MID	Q16	20.42	20.56	20.24	21.00
		HIGH	Q16	20.32	20.38	20.74	21.00
	3	LOW	Q16	20.20	20.50	20.32	21.00
		MID	Q16	20.52	20.52	20.49	21.00
		HIGH	Q16	20.42	20.26	20.59	21.00
6	LOW	Q16	20.12	20.19	20.05	21.00	
1.4	1	LOW	64QAM	20.35	20.44	20.25	21.00
		MID	64QAM	20.56	20.36	20.39	21.00
		HIGH	64QAM	20.19	20.12	20.72	21.00
	3	LOW	64QAM	20.39	20.55	20.45	21.00
		MID	64QAM	20.49	20.19	20.36	21.00
		HIGH	64QAM	20.37	20.34	20.74	21.00
6	LOW	64QAM	19.95	20.17	19.83	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.59	19.75	19.50	21.00
		MID	QPSK	19.84	19.59	19.72	21.00
		HIGH	QPSK	19.70	19.56	19.89	21.00
	8	LOW	QPSK	19.84	20.12	19.63	21.00
		MID	QPSK	19.89	20.00	19.83	21.00
		HIGH	QPSK	19.95	19.95	20.01	21.00
15	LOW	QPSK	19.98	19.84	19.66	21.00	
3	1	LOW	Q16	20.42	20.32	20.05	21.00
		MID	Q16	20.35	20.55	20.53	21.00
		HIGH	Q16	20.40	20.30	20.61	21.00
	8	LOW	Q16	20.14	20.12	19.67	21.00
		MID	Q16	20.20	20.16	20.08	21.00
		HIGH	Q16	20.01	19.95	19.99	21.00
15	LOW	Q16	19.89	20.13	19.84	21.00	
3	1	LOW	64QAM	20.48	20.39	20.30	21.00
		MID	64QAM	20.63	20.28	20.25	21.00
		HIGH	64QAM	20.14	20.29	20.66	21.00
	8	LOW	64QAM	20.28	20.21	19.82	21.00
		MID	64QAM	19.90	20.31	20.22	21.00
		HIGH	64QAM	19.87	20.24	20.07	21.00
15	LOW	64QAM	19.93	20.23	19.85	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.59	19.85	19.59	21.00
		MID	QPSK	19.91	19.88	19.82	21.00
		HIGH	QPSK	19.73	19.78	20.10	21.00
	36	LOW	QPSK	19.84	20.04	19.77	21.00
		MID	QPSK	19.99	20.01	19.91	21.00
		HIGH	QPSK	20.06	19.85	20.02	21.00
75	LOW	QPSK	19.71	19.92	19.63	21.00	
5	1	LOW	Q16	20.46	20.43	20.18	21.00
		MID	Q16	20.40	20.52	20.50	21.00
		HIGH	Q16	20.45	20.48	20.66	21.00
	36	LOW	Q16	20.19	20.09	19.84	21.00
		MID	Q16	20.18	20.28	19.94	21.00
		HIGH	Q16	20.09	20.04	20.01	21.00
75	LOW	Q16	20.04	20.01	20.06	21.00	
5	1	LOW	64QAM	20.38	20.42	20.33	21.00
		MID	64QAM	20.40	20.24	20.35	21.00
		HIGH	64QAM	20.22	20.20	20.62	21.00
	36	LOW	64QAM	20.32	20.17	19.67	21.00
		MID	64QAM	19.95	20.16	20.19	21.00
		HIGH	64QAM	19.84	20.17	20.28	21.00
75	LOW	64QAM	19.80	20.23	19.87	21.00	

LTE B66-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.68	19.87	19.47	21.00
		MID	QPSK	19.71	19.63	19.79	21.00
		HIGH	QPSK	19.91	19.51	20.09	21.00
	50	LOW	QPSK	19.90	20.10	19.63	21.00
		MID	QPSK	19.87	20.06	19.71	21.00
		HIGH	QPSK	19.79	19.90	20.04	21.00
	100	LOW	QPSK	19.84	20.04	19.74	21.00
10	1	LOW	Q16	20.39	20.41	20.31	21.00
		MID	Q16	20.44	20.45	20.44	21.00
		HIGH	Q16	20.44	20.28	20.83	21.00
	50	LOW	Q16	20.06	20.04	19.79	21.00
		MID	Q16	20.08	20.00	19.95	21.00
		HIGH	Q16	20.10	20.05	20.17	21.00
	100	LOW	Q16	20.12	19.99	19.87	21.00
10	1	LOW	64QAM	20.38	20.32	20.34	21.00
		MID	64QAM	20.57	20.24	20.40	21.00
		HIGH	64QAM	20.19	20.37	20.75	21.00
	50	LOW	64QAM	20.20	20.22	19.81	21.00
		MID	64QAM	19.81	20.28	20.02	21.00
		HIGH	64QAM	19.93	20.00	20.22	21.00
	100	LOW	64QAM	19.96	20.02	19.90	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.54	19.79	19.60	21.00
		MID	QPSK	19.76	19.79	19.65	21.00
		HIGH	QPSK	19.65	19.71	19.93	21.00
	36	LOW	QPSK	19.94	19.99	19.61	21.00
		MID	QPSK	19.97	19.78	19.73	21.00
		HIGH	QPSK	19.82	19.90	19.96	21.00
	75	LOW	QPSK	19.75	20.07	19.69	21.00
15	1	LOW	Q16	20.37	20.31	20.03	21.00
		MID	Q16	20.42	20.55	20.24	21.00
		HIGH	Q16	20.24	20.32	20.61	21.00
	36	LOW	Q16	20.15	20.20	19.69	21.00
		MID	Q16	20.02	20.20	19.98	21.00
		HIGH	Q16	20.08	19.96	19.97	21.00
	75	LOW	Q16	19.90	20.19	19.87	21.00
15	1	LOW	64QAM	20.27	20.33	20.20	21.00
		MID	64QAM	20.46	20.18	20.23	21.00
		HIGH	64QAM	20.20	20.21	20.61	21.00
	36	LOW	64QAM	20.15	20.23	19.64	21.00
		MID	64QAM	20.00	20.28	20.02	21.00
		HIGH	64QAM	19.98	20.09	20.25	21.00
	75	LOW	64QAM	19.94	20.25	19.91	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.69	19.73	19.51	21.00
		MID	QPSK	19.83	19.74	19.72	21.00
		HIGH	QPSK	19.76	19.66	19.95	21.00
	50	LOW	QPSK	19.91	20.02	19.65	21.00
		MID	QPSK	19.92	19.93	19.81	21.00
		HIGH	QPSK	19.91	19.84	19.93	21.00
	100	LOW	QPSK	19.86	19.96	19.72	21.00
20	1	LOW	Q16	20.35	20.42	20.18	21.00
		MID	Q16	20.43	20.43	20.39	21.00
		HIGH	Q16	20.32	20.34	20.70	21.00
	50	LOW	Q16	20.10	20.15	19.81	21.00
		MID	Q16	20.07	20.14	20.01	21.00
		HIGH	Q16	20.08	20.04	20.12	21.00
	100	LOW	Q16	19.98	20.11	19.91	21.00
20	1	LOW	64QAM	20.38	20.41	20.30	21.00
		MID	64QAM	20.50	20.32	20.29	21.00
		HIGH	64QAM	20.25	20.23	20.67	21.00
	50	LOW	64QAM	20.22	20.30	19.78	21.00
		MID	64QAM	19.96	20.29	20.15	21.00
		HIGH	64QAM	19.96	20.11	20.20	21.00
	100	LOW	64QAM	19.88	20.15	19.93	21.00

8.3.6 LTE Band38 Output Power

BL-SZ2270591-701

LTE B38-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.33	24.64	24.85	25.40
		MID	QPSK	24.63	24.56	24.51	25.40
		HIGH	QPSK	24.84	24.78	24.68	25.40
	12	LOW	QPSK	23.70	23.89	23.71	24.40
		MID	QPSK	23.52	23.80	23.83	24.40
		HIGH	QPSK	23.71	23.81	23.66	24.40
	25	LOW	QPSK	23.65	23.89	23.57	24.40
5	1	LOW	Q16	23.84	23.81	24.11	24.40
		MID	Q16	23.85	23.86	24.04	24.40
		HIGH	Q16	24.10	23.92	23.89	24.40
	12	LOW	Q16	22.53	22.91	22.95	23.40
		MID	Q16	22.73	22.70	22.93	23.40
		HIGH	Q16	22.77	22.69	22.85	23.40
	25	LOW	Q16	22.63	22.93	22.81	23.40
5	1	LOW	64QAM	22.87	22.73	23.02	23.40
		MID	64QAM	22.72	22.81	22.89	23.40
		HIGH	64QAM	22.80	22.74	22.79	23.40
	12	LOW	64QAM	21.75	21.72	21.88	22.40
		MID	64QAM	21.46	21.77	21.87	22.40
		HIGH	64QAM	21.77	21.89	21.79	22.40
	25	LOW	64QAM	21.71	21.82	21.68	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.40	24.57	24.91	25.40
		MID	QPSK	24.67	24.66	24.50	25.40
		HIGH	QPSK	24.54	24.80	24.58	25.40
	25	LOW	QPSK	23.76	23.91	23.64	24.40
		MID	QPSK	23.62	23.68	23.76	24.40
		HIGH	QPSK	23.70	23.66	23.63	24.40
	50	LOW	QPSK	23.52	23.76	23.76	24.40
10	1	LOW	Q16	23.75	23.72	24.24	24.40
		MID	Q16	23.99	23.97	23.99	24.40
		HIGH	Q16	24.04	24.00	24.03	24.40
	25	LOW	Q16	22.56	23.02	22.73	23.40
		MID	Q16	22.62	22.82	22.80	23.40
		HIGH	Q16	22.94	22.83	22.75	23.40
	50	LOW	Q16	22.57	22.77	22.80	23.40
10	1	LOW	64QAM	22.74	22.65	23.05	23.40
		MID	64QAM	22.73	22.89	22.88	23.40
		HIGH	64QAM	23.05	22.81	22.84	23.40
	25	LOW	64QAM	21.90	21.78	21.96	22.40
		MID	64QAM	21.53	21.76	21.91	22.40
		HIGH	64QAM	21.65	21.63	21.60	22.40
	50	LOW	64QAM	21.83	21.91	21.91	22.40

LTE B38-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.63	24.77	25.40
		MID	QPSK	24.42	24.61	24.51	25.40
		HIGH	QPSK	24.69	24.74	24.61	25.40
	36	LOW	QPSK	23.70	23.81	23.81	24.40
		MID	QPSK	23.79	23.95	23.59	24.40
		HIGH	QPSK	23.80	23.80	23.45	24.40
	75	LOW	QPSK	23.76	23.64	23.70	24.40
15	1	LOW	Q16	23.93	23.85	23.96	24.40
		MID	Q16	23.85	23.92	23.94	24.40
		HIGH	Q16	23.96	23.99	24.00	24.40
	36	LOW	Q16	22.71	22.90	22.94	23.40
		MID	Q16	22.62	22.99	22.76	23.40
		HIGH	Q16	22.92	22.90	22.58	23.40
	75	LOW	Q16	22.70	22.91	22.84	23.40
15	1	LOW	64QAM	22.77	22.57	23.17	23.40
		MID	64QAM	22.75	22.97	22.89	23.40
		HIGH	64QAM	22.86	22.71	23.04	23.40
	36	LOW	64QAM	21.86	21.94	21.96	22.40
		MID	64QAM	21.50	21.70	21.87	22.40
		HIGH	64QAM	21.70	21.67	21.65	22.40
	75	LOW	64QAM	21.76	21.89	21.84	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.45	24.65	24.82	25.40
		MID	QPSK	24.52	24.71	24.64	25.40
		HIGH	QPSK	24.69	24.77	24.65	25.40
	50	LOW	QPSK	23.61	23.78	23.74	24.40
		MID	QPSK	23.67	23.80	23.73	24.40
		HIGH	QPSK	23.75	23.77	23.59	24.40
	100	LOW	QPSK	23.61	23.76	23.72	24.40
20	1	LOW	Q16	23.79	23.81	24.09	24.40
		MID	Q16	23.85	23.82	23.91	24.40
		HIGH	Q16	23.96	23.88	23.97	24.40
	50	LOW	Q16	22.68	22.87	22.83	23.40
		MID	Q16	22.70	22.85	22.82	23.40
		HIGH	Q16	22.79	22.84	22.72	23.40
	100	LOW	Q16	22.67	22.88	22.77	23.40
20	1	LOW	64QAM	22.78	22.71	23.12	23.40
		MID	64QAM	22.80	22.84	22.94	23.40
		HIGH	64QAM	22.90	22.77	22.93	23.40
	50	LOW	64QAM	21.75	21.79	21.96	22.40
		MID	64QAM	21.58	21.70	21.77	22.40
		HIGH	64QAM	21.75	21.78	21.74	22.40
	100	LOW	64QAM	21.69	21.91	21.78	22.40

LTE B38-DSI1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	21.43	21.56	21.66	22.40
		MID	QPSK	21.63	21.63	21.73	22.40
		HIGH	QPSK	21.64	21.81	21.73	22.40
	12	LOW	QPSK	21.54	21.70	21.80	22.40
		MID	QPSK	21.51	21.68	21.81	22.40
		HIGH	QPSK	21.75	21.83	21.63	22.40
	25	LOW	QPSK	21.68	21.96	21.89	22.40
5	1	LOW	Q16	21.73	21.94	22.09	22.40
		MID	Q16	21.90	22.05	22.14	22.40
		HIGH	Q16	22.02	21.84	22.16	22.40
	12	LOW	Q16	21.68	21.92	21.86	22.40
		MID	Q16	21.79	21.97	21.80	22.40
		HIGH	Q16	21.67	21.90	21.59	22.40
	25	LOW	Q16	21.65	21.82	21.92	22.40
5	1	LOW	64QAM	22.00	21.82	22.29	22.40
		MID	64QAM	21.80	21.85	21.89	22.40
		HIGH	64QAM	22.22	22.28	21.93	22.40
	12	LOW	64QAM	21.77	21.94	21.93	22.40
		MID	64QAM	21.81	21.90	21.95	22.40
		HIGH	64QAM	21.88	21.73	21.70	22.40
	25	LOW	64QAM	21.48	21.90	22.02	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	21.40	21.80	21.74	22.40
		MID	QPSK	21.55	21.70	21.52	22.40
		HIGH	QPSK	21.62	21.62	21.67	22.40
	25	LOW	QPSK	21.56	21.74	21.83	22.40
		MID	QPSK	21.65	21.86	21.85	22.40
		HIGH	QPSK	21.64	21.76	21.76	22.40
50	LOW	QPSK	21.45	21.78	21.83	22.40	
10	1	LOW	Q16	21.70	22.01	22.19	22.40
		MID	Q16	21.96	21.91	22.07	22.40
		HIGH	Q16	21.97	21.96	22.16	22.40
	25	LOW	Q16	21.81	21.81	21.84	22.40
		MID	Q16	21.62	21.88	21.91	22.40
		HIGH	Q16	21.80	21.74	21.87	22.40
50	LOW	Q16	21.72	21.95	21.92	22.40	
10	1	LOW	64QAM	21.85	21.99	22.13	22.40
		MID	64QAM	21.87	21.80	21.94	22.40
		HIGH	64QAM	22.14	22.04	22.22	22.40
	25	LOW	64QAM	21.73	21.85	21.94	22.40
		MID	64QAM	21.73	21.79	21.90	22.40
		HIGH	64QAM	21.65	21.71	21.72	22.40
	50	LOW	64QAM	21.52	21.90	21.90	22.40

LTE B38-DSI1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	21.53	21.78	21.82	22.40
		MID	QPSK	21.52	21.66	21.59	22.40
		HIGH	QPSK	21.85	21.85	21.66	22.40
	36	LOW	QPSK	21.47	21.81	21.89	22.40
		MID	QPSK	21.61	21.87	21.76	22.40
		HIGH	QPSK	21.63	21.75	21.74	22.40
	75	LOW	QPSK	21.57	21.82	21.63	22.40
15	1	LOW	Q16	21.72	21.82	22.27	22.40
		MID	Q16	22.02	21.88	22.04	22.40
		HIGH	Q16	22.17	21.97	21.92	22.40
	36	LOW	Q16	21.69	21.93	21.99	22.40
		MID	Q16	21.56	21.86	21.92	22.40
		HIGH	Q16	21.73	21.96	21.61	22.40
	75	LOW	Q16	21.55	21.78	21.80	22.40
15	1	LOW	64QAM	22.05	21.98	22.34	22.40
		MID	64QAM	21.81	21.80	22.09	22.40
		HIGH	64QAM	22.19	22.29	22.01	22.40
	36	LOW	64QAM	21.80	21.84	22.01	22.40
		MID	64QAM	21.69	21.89	21.79	22.40
		HIGH	64QAM	21.81	21.79	21.48	22.40
	75	LOW	64QAM	21.46	21.93	21.92	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	21.45	21.65	21.81	22.40
		MID	QPSK	21.51	21.68	21.65	22.40
		HIGH	QPSK	21.70	21.77	21.65	22.40
	50	LOW	QPSK	21.57	21.80	21.74	22.40
		MID	QPSK	21.62	21.77	21.75	22.40
		HIGH	QPSK	21.70	21.80	21.63	22.40
	100	LOW	QPSK	21.60	21.81	21.77	22.40
20	1	LOW	Q16	21.83	21.92	22.22	22.40
		MID	Q16	21.91	21.93	22.05	22.40
		HIGH	Q16	22.05	21.99	22.07	22.40
	50	LOW	Q16	21.70	21.87	21.88	22.40
		MID	Q16	21.70	21.86	21.86	22.40
		HIGH	Q16	21.80	21.87	21.72	22.40
	100	LOW	Q16	21.69	21.87	21.81	22.40
20	1	LOW	64QAM	21.91	21.86	22.30	22.40
		MID	64QAM	21.94	21.78	21.97	22.40
		HIGH	64QAM	22.20	22.14	22.08	22.40
	50	LOW	64QAM	21.74	21.99	21.87	22.40
		MID	64QAM	21.82	21.85	21.87	22.40
		HIGH	64QAM	21.78	21.77	21.63	22.40
	100	LOW	64QAM	21.57	21.89	21.87	22.40

LTE B38-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.33	24.64	24.85	25.40
		MID	QPSK	24.63	24.56	24.51	25.40
		HIGH	QPSK	24.84	24.78	24.68	25.40
	12	LOW	QPSK	23.70	23.89	23.71	24.40
		MID	QPSK	23.52	23.80	23.83	24.40
		HIGH	QPSK	23.71	23.81	23.66	24.40
	25	LOW	QPSK	23.65	23.89	23.57	24.40
5	1	LOW	Q16	23.84	23.81	24.11	24.40
		MID	Q16	23.85	23.86	24.04	24.40
		HIGH	Q16	24.10	23.92	23.89	24.40
	12	LOW	Q16	22.53	22.91	22.95	23.40
		MID	Q16	22.73	22.70	22.93	23.40
		HIGH	Q16	22.77	22.69	22.85	23.40
	25	LOW	Q16	22.63	22.93	22.81	23.40
5	1	LOW	64QAM	22.87	22.73	23.02	23.40
		MID	64QAM	22.72	22.81	22.89	23.40
		HIGH	64QAM	22.80	22.74	22.79	23.40
	12	LOW	64QAM	21.75	21.72	21.88	22.40
		MID	64QAM	21.46	21.77	21.87	22.40
		HIGH	64QAM	21.77	21.89	21.79	22.40
	25	LOW	64QAM	21.71	21.82	21.68	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.40	24.57	24.91	25.40
		MID	QPSK	24.67	24.66	24.50	25.40
		HIGH	QPSK	24.54	24.80	24.58	25.40
	25	LOW	QPSK	23.76	23.91	23.64	24.40
		MID	QPSK	23.62	23.68	23.76	24.40
		HIGH	QPSK	23.70	23.66	23.63	24.40
	50	LOW	QPSK	23.52	23.76	23.76	24.40
10	1	LOW	Q16	23.75	23.72	24.24	24.40
		MID	Q16	23.99	23.97	23.99	24.40
		HIGH	Q16	24.04	24.00	24.03	24.40
	25	LOW	Q16	22.56	23.02	22.73	23.40
		MID	Q16	22.62	22.82	22.80	23.40
		HIGH	Q16	22.94	22.83	22.75	23.40
	50	LOW	Q16	22.57	22.77	22.80	23.40
10	1	LOW	64QAM	22.74	22.65	23.05	23.40
		MID	64QAM	22.73	22.89	22.88	23.40
		HIGH	64QAM	23.05	22.81	22.84	23.40
	25	LOW	64QAM	21.90	21.78	21.96	22.40
		MID	64QAM	21.53	21.76	21.91	22.40
		HIGH	64QAM	21.65	21.63	21.60	22.40
	50	LOW	64QAM	21.83	21.91	21.91	22.40

LTE B38-DSI2&3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.63	24.77	25.40
		MID	QPSK	24.42	24.61	24.51	25.40
		HIGH	QPSK	24.69	24.74	24.61	25.40
	36	LOW	QPSK	23.70	23.81	23.81	24.40
		MID	QPSK	23.79	23.95	23.59	24.40
		HIGH	QPSK	23.80	23.80	23.45	24.40
	75	LOW	QPSK	23.76	23.64	23.70	24.40
15	1	LOW	Q16	23.93	23.85	23.96	24.40
		MID	Q16	23.85	23.92	23.94	24.40
		HIGH	Q16	23.96	23.99	24.00	24.40
	36	LOW	Q16	22.71	22.90	22.94	23.40
		MID	Q16	22.62	22.99	22.76	23.40
		HIGH	Q16	22.92	22.90	22.58	23.40
	75	LOW	Q16	22.70	22.91	22.84	23.40
15	1	LOW	64QAM	22.77	22.57	23.17	23.40
		MID	64QAM	22.75	22.97	22.89	23.40
		HIGH	64QAM	22.86	22.71	23.04	23.40
	36	LOW	64QAM	21.86	21.94	21.96	22.40
		MID	64QAM	21.50	21.70	21.87	22.40
		HIGH	64QAM	21.70	21.67	21.65	22.40
	75	LOW	64QAM	21.76	21.89	21.84	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.45	24.65	24.82	25.40
		MID	QPSK	24.52	24.71	24.64	25.40
		HIGH	QPSK	24.69	24.77	24.65	25.40
	50	LOW	QPSK	23.61	23.78	23.74	24.40
		MID	QPSK	23.67	23.80	23.73	24.40
		HIGH	QPSK	23.75	23.77	23.59	24.40
	100	LOW	QPSK	23.61	23.76	23.72	24.40
20	1	LOW	Q16	23.79	23.81	24.09	24.40
		MID	Q16	23.85	23.82	23.91	24.40
		HIGH	Q16	23.96	23.88	23.97	24.40
	50	LOW	Q16	22.68	22.87	22.83	23.40
		MID	Q16	22.70	22.85	22.82	23.40
		HIGH	Q16	22.79	22.84	22.72	23.40
	100	LOW	Q16	22.67	22.88	22.77	23.40
20	1	LOW	64QAM	22.78	22.71	23.12	23.40
		MID	64QAM	22.80	22.84	22.94	23.40
		HIGH	64QAM	22.90	22.77	22.93	23.40
	50	LOW	64QAM	21.75	21.79	21.96	22.40
		MID	64QAM	21.58	21.70	21.77	22.40
		HIGH	64QAM	21.75	21.78	21.74	22.40
	100	LOW	64QAM	21.69	21.91	21.78	22.40

LTE B38-DSI4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.68	22.93	23.14	23.90
		MID	QPSK	22.79	22.93	22.96	23.90
		HIGH	QPSK	22.89	22.95	23.06	23.90
	12	LOW	QPSK	23.02	23.05	23.07	23.90
		MID	QPSK	22.99	23.29	23.00	23.90
		HIGH	QPSK	22.98	23.12	23.11	23.90
	25	LOW	QPSK	22.80	23.16	23.01	23.90
5	1	LOW	Q16	23.02	23.19	23.38	23.90
		MID	Q16	23.26	23.33	23.40	23.90
		HIGH	Q16	23.28	23.38	23.44	23.90
	12	LOW	Q16	22.43	22.81	22.78	23.40
		MID	Q16	22.71	22.57	22.74	23.40
		HIGH	Q16	22.70	22.72	22.66	23.40
	25	LOW	Q16	22.69	22.85	22.53	23.40
5	1	LOW	64QAM	22.71	22.80	23.10	23.40
		MID	64QAM	23.02	22.67	22.57	23.40
		HIGH	64QAM	22.85	22.53	22.84	23.40
	12	LOW	64QAM	21.58	21.74	21.48	22.40
		MID	64QAM	21.61	21.56	21.49	22.40
		HIGH	64QAM	21.60	21.88	21.55	22.40
	25	LOW	64QAM	21.53	21.54	21.50	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.61	22.95	23.30	23.90
		MID	QPSK	22.99	23.10	23.11	23.90
		HIGH	QPSK	22.93	23.11	23.06	23.90
	25	LOW	QPSK	23.04	23.09	23.20	23.90
		MID	QPSK	22.84	23.16	23.23	23.90
		HIGH	QPSK	22.99	22.99	22.86	23.90
	50	LOW	QPSK	22.89	23.26	23.08	23.90
10	1	LOW	Q16	23.10	23.16	23.57	23.90
		MID	Q16	23.19	23.11	23.39	23.90
		HIGH	Q16	23.21	23.34	23.45	23.90
	25	LOW	Q16	22.62	22.70	22.67	23.40
		MID	Q16	22.44	22.80	22.55	23.40
		HIGH	Q16	22.68	22.62	22.39	23.40
	50	LOW	Q16	22.61	22.65	22.51	23.40
10	1	LOW	64QAM	22.45	22.67	23.02	23.40
		MID	64QAM	22.99	22.65	22.80	23.40
		HIGH	64QAM	22.89	22.64	23.00	23.40
	25	LOW	64QAM	21.34	21.93	21.49	22.40
		MID	64QAM	21.60	21.51	21.75	22.40
		HIGH	64QAM	21.76	21.73	21.49	22.40
	50	LOW	64QAM	21.38	21.55	21.45	22.40

LTE B38-DSI4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.69	22.92	23.01	23.90
		MID	QPSK	22.93	23.20	23.10	23.90
		HIGH	QPSK	23.06	23.23	23.10	23.90
	36	LOW	QPSK	22.79	23.23	22.96	23.90
		MID	QPSK	22.92	23.28	22.96	23.90
		HIGH	QPSK	23.14	23.20	22.85	23.90
	75	LOW	QPSK	22.79	23.11	23.01	23.90
15	1	LOW	Q16	23.23	23.30	23.57	23.90
		MID	Q16	23.36	23.35	23.28	23.90
		HIGH	Q16	23.24	23.11	23.32	23.90
	36	LOW	Q16	22.60	22.85	22.72	23.40
		MID	Q16	22.50	22.60	22.63	23.40
		HIGH	Q16	22.54	22.59	22.52	23.40
	75	LOW	Q16	22.68	22.70	22.60	23.40
15	1	LOW	64QAM	22.57	22.64	23.10	23.40
		MID	64QAM	23.01	22.61	22.64	23.40
		HIGH	64QAM	22.91	22.75	22.99	23.40
	36	LOW	64QAM	21.39	21.86	21.64	22.40
		MID	64QAM	21.51	21.74	21.46	22.40
		HIGH	64QAM	21.87	21.71	21.70	22.40
	75	LOW	64QAM	21.58	21.57	21.52	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.76	23.01	23.16	23.90
		MID	QPSK	22.85	23.05	22.98	23.90
		HIGH	QPSK	22.98	23.10	23.01	23.90
	50	LOW	QPSK	22.91	23.14	23.11	23.90
		MID	QPSK	22.98	23.16	23.11	23.90
		HIGH	QPSK	23.06	23.14	22.98	23.90
	100	LOW	QPSK	22.92	23.13	23.06	23.90
20	1	LOW	Q16	23.15	23.19	23.49	23.90
		MID	Q16	23.26	23.22	23.33	23.90
		HIGH	Q16	23.33	23.26	23.35	23.90
	50	LOW	Q16	22.51	22.74	22.67	23.40
		MID	Q16	22.56	22.71	22.68	23.40
		HIGH	Q16	22.61	22.70	22.54	23.40
	100	LOW	Q16	22.57	22.73	22.62	23.40
20	1	LOW	64QAM	22.56	22.79	23.14	23.40
		MID	64QAM	22.89	22.75	22.68	23.40
		HIGH	64QAM	22.90	22.63	22.91	23.40
	50	LOW	64QAM	21.48	21.81	21.53	22.40
		MID	64QAM	21.62	21.63	21.61	22.40
		HIGH	64QAM	21.72	21.79	21.63	22.40
	100	LOW	64QAM	21.45	21.69	21.54	22.40

8.3.6 LTE Band38 Output Power

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LTE B38-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.68	25.01	24.99	25.50
		MID	QPSK	24.78	24.85	24.62	25.50
		HIGH	QPSK	24.82	24.87	24.71	25.50
	12	LOW	QPSK	24.04	24.03	24.02	24.50
		MID	QPSK	23.97	23.90	23.97	24.50
		HIGH	QPSK	23.80	23.91	23.77	24.50
	25	LOW	QPSK	23.78	24.03	23.75	24.50
5	1	LOW	Q16	24.07	24.24	24.43	24.50
		MID	Q16	24.04	24.18	24.01	24.50
		HIGH	Q16	24.29	24.11	24.12	24.50
	12	LOW	Q16	22.82	23.14	22.97	23.50
		MID	Q16	23.02	23.21	22.94	23.50
		HIGH	Q16	23.03	23.03	22.80	23.50
	25	LOW	Q16	22.90	23.01	23.00	23.50
5	1	LOW	64QAM	23.05	22.90	23.20	23.50
		MID	64QAM	23.18	23.25	22.87	23.50
		HIGH	64QAM	23.09	23.01	23.24	23.50
	12	LOW	64QAM	21.97	21.95	22.16	22.50
		MID	64QAM	21.95	22.21	21.72	22.50
		HIGH	64QAM	22.07	21.97	21.80	22.50
	25	LOW	64QAM	21.90	22.19	22.02	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.79	24.77	24.88	25.50
		MID	QPSK	24.77	24.82	24.78	25.50
		HIGH	QPSK	24.93	24.94	24.79	25.50
	25	LOW	QPSK	24.07	24.13	24.05	24.50
		MID	QPSK	23.93	23.93	23.97	24.50
		HIGH	QPSK	23.90	23.92	23.80	24.50
10	1	LOW	QPSK	23.80	24.09	23.85	24.50
	1	LOW	Q16	23.95	23.97	24.35	24.50
		MID	Q16	24.15	24.14	24.17	24.50
		HIGH	Q16	24.04	24.12	24.18	24.50
	25	LOW	Q16	23.01	23.11	22.89	23.50
		MID	Q16	22.83	23.13	23.09	23.50
10	1	LOW	Q16	23.09	23.22	22.81	23.50
	1	LOW	Q16	22.87	23.06	22.82	23.50
	1	LOW	Q16	22.87	23.06	22.82	23.50
	25	LOW	64QAM	23.01	22.88	23.08	23.50
		MID	64QAM	23.18	23.31	22.85	23.50
		HIGH	64QAM	23.16	23.03	23.14	23.50
10	25	LOW	64QAM	21.70	22.04	22.16	22.50
		MID	64QAM	22.15	22.18	21.94	22.50
		HIGH	64QAM	21.84	22.09	21.75	22.50
	50	LOW	64QAM	21.89	22.20	21.89	22.50
		LOW	64QAM	21.89	22.20	21.89	22.50
		LOW	64QAM	21.89	22.20	21.89	22.50

LTE B38-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.68	24.89	25.06	25.50
		MID	QPSK	24.71	24.95	24.62	25.50
		HIGH	QPSK	24.90	24.98	24.72	25.50
	36	LOW	QPSK	23.80	23.91	23.99	24.50
		MID	QPSK	23.81	23.92	23.96	24.50
		HIGH	QPSK	23.95	23.89	23.74	24.50
	75	LOW	QPSK	23.89	24.03	23.97	24.50
15	1	LOW	Q16	24.23	24.17	24.32	24.50
		MID	Q16	24.02	24.03	24.21	24.50
		HIGH	Q16	24.32	24.16	23.91	24.50
	36	LOW	Q16	22.84	22.99	22.94	23.50
		MID	Q16	22.95	23.10	22.99	23.50
		HIGH	Q16	23.16	23.15	22.73	23.50
	75	LOW	Q16	22.79	23.07	22.80	23.50
15	1	LOW	64QAM	23.13	22.96	23.13	23.50
		MID	64QAM	23.08	23.26	22.96	23.50
		HIGH	64QAM	23.24	22.96	23.12	23.50
	36	LOW	64QAM	21.71	21.93	22.09	22.50
		MID	64QAM	21.98	22.26	21.80	22.50
		HIGH	64QAM	21.95	22.08	21.70	22.50
	75	LOW	64QAM	22.10	22.31	21.79	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.72	24.87	24.99	25.50
		MID	QPSK	24.79	24.88	24.75	25.50
		HIGH	QPSK	24.92	24.95	24.75	25.50
	50	LOW	QPSK	23.94	24.01	23.93	24.50
		MID	QPSK	23.90	24.01	23.87	24.50
		HIGH	QPSK	23.92	23.99	23.73	24.50
	100	LOW	QPSK	23.88	23.99	23.84	24.50
20	1	LOW	Q16	24.10	24.09	24.30	24.50
		MID	Q16	24.13	24.09	24.07	24.50
		HIGH	Q16	24.19	24.06	24.03	24.50
	50	LOW	Q16	22.92	23.11	23.03	23.50
		MID	Q16	22.96	23.09	22.97	23.50
		HIGH	Q16	23.02	23.07	22.81	23.50
	100	LOW	Q16	22.92	23.08	22.90	23.50
20	1	LOW	64QAM	23.08	22.95	23.22	23.50
		MID	64QAM	23.08	23.21	22.98	23.50
		HIGH	64QAM	23.19	22.92	23.10	23.50
	50	LOW	64QAM	21.85	21.96	22.06	22.50
		MID	64QAM	22.04	22.22	21.83	22.50
		HIGH	64QAM	21.97	22.12	21.78	22.50
	100	LOW	64QAM	22.02	22.17	21.91	22.50

LTE B38-DSI1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.68	25.01	24.99	25.50
		MID	QPSK	24.78	24.85	24.62	25.50
		HIGH	QPSK	24.82	24.87	24.71	25.50
	12	LOW	QPSK	24.04	24.03	24.02	24.50
		MID	QPSK	23.97	23.90	23.97	24.50
		HIGH	QPSK	23.80	23.91	23.77	24.50
	25	LOW	QPSK	23.78	24.03	23.75	24.50
5	1	LOW	Q16	24.07	24.24	24.43	24.50
		MID	Q16	24.04	24.18	24.01	24.50
		HIGH	Q16	24.29	24.11	24.12	24.50
	12	LOW	Q16	22.82	23.14	22.97	23.50
		MID	Q16	23.02	23.21	22.94	23.50
		HIGH	Q16	23.03	23.03	22.80	23.50
	25	LOW	Q16	22.90	23.01	23.00	23.50
5	1	LOW	64QAM	23.05	22.90	23.20	23.50
		MID	64QAM	23.18	23.25	22.87	23.50
		HIGH	64QAM	23.09	23.01	23.24	23.50
	12	LOW	64QAM	21.97	21.95	22.16	22.50
		MID	64QAM	21.95	22.21	21.72	22.50
		HIGH	64QAM	22.07	21.97	21.80	22.50
	25	LOW	64QAM	21.90	22.19	22.02	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.79	24.77	24.88	25.50
		MID	QPSK	24.77	24.82	24.78	25.50
		HIGH	QPSK	24.93	24.94	24.79	25.50
	25	LOW	QPSK	24.07	24.13	24.05	24.50
		MID	QPSK	23.93	23.93	23.97	24.50
		HIGH	QPSK	23.90	23.92	23.80	24.50
50	LOW	QPSK	23.80	24.09	23.85	24.50	
10	1	LOW	Q16	23.95	23.97	24.35	24.50
		MID	Q16	24.15	24.14	24.17	24.50
		HIGH	Q16	24.04	24.12	24.18	24.50
	25	LOW	Q16	23.01	23.11	22.89	23.50
		MID	Q16	22.83	23.13	23.09	23.50
		HIGH	Q16	23.09	23.22	22.81	23.50
50	LOW	Q16	22.87	23.06	22.82	23.50	
10	1	LOW	64QAM	23.01	22.88	23.08	23.50
		MID	64QAM	23.18	23.31	22.85	23.50
		HIGH	64QAM	23.16	23.03	23.14	23.50
	25	LOW	64QAM	21.70	22.04	22.16	22.50
		MID	64QAM	22.15	22.18	21.94	22.50
		HIGH	64QAM	21.84	22.09	21.75	22.50
	50	LOW	64QAM	21.89	22.20	21.89	22.50

LTE B38-DSI1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.68	24.89	25.06	25.50
		MID	QPSK	24.71	24.95	24.62	25.50
		HIGH	QPSK	24.90	24.98	24.72	25.50
	36	LOW	QPSK	23.80	23.91	23.99	24.50
		MID	QPSK	23.81	23.92	23.96	24.50
		HIGH	QPSK	23.95	23.89	23.74	24.50
	75	LOW	QPSK	23.89	24.03	23.97	24.50
15	1	LOW	Q16	24.23	24.17	24.32	24.50
		MID	Q16	24.02	24.03	24.21	24.50
		HIGH	Q16	24.32	24.16	23.91	24.50
	36	LOW	Q16	22.84	22.99	22.94	23.50
		MID	Q16	22.95	23.10	22.99	23.50
		HIGH	Q16	23.16	23.15	22.73	23.50
	75	LOW	Q16	22.79	23.07	22.80	23.50
15	1	LOW	64QAM	23.13	22.96	23.13	23.50
		MID	64QAM	23.08	23.26	22.96	23.50
		HIGH	64QAM	23.24	22.96	23.12	23.50
	36	LOW	64QAM	21.71	21.93	22.09	22.50
		MID	64QAM	21.98	22.26	21.80	22.50
		HIGH	64QAM	21.95	22.08	21.70	22.50
	75	LOW	64QAM	22.10	22.31	21.79	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.72	24.87	24.99	25.50
		MID	QPSK	24.79	24.88	24.75	25.50
		HIGH	QPSK	24.92	24.95	24.75	25.50
	50	LOW	QPSK	23.94	24.01	23.93	24.50
		MID	QPSK	23.90	24.01	23.87	24.50
		HIGH	QPSK	23.92	23.99	23.73	24.50
	100	LOW	QPSK	23.88	23.99	23.84	24.50
20	1	LOW	Q16	24.10	24.09	24.30	24.50
		MID	Q16	24.13	24.09	24.07	24.50
		HIGH	Q16	24.19	24.06	24.03	24.50
	50	LOW	Q16	22.92	23.11	23.03	23.50
		MID	Q16	22.96	23.09	22.97	23.50
		HIGH	Q16	23.02	23.07	22.81	23.50
	100	LOW	Q16	22.92	23.08	22.90	23.50
20	1	LOW	64QAM	23.08	22.95	23.22	23.50
		MID	64QAM	23.08	23.21	22.98	23.50
		HIGH	64QAM	23.19	22.92	23.10	23.50
	50	LOW	64QAM	21.85	21.96	22.06	22.50
		MID	64QAM	22.04	22.22	21.83	22.50
		HIGH	64QAM	21.97	22.12	21.78	22.50
	100	LOW	64QAM	22.02	22.17	21.91	22.50

LTE B38-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.21	22.29	22.34	23.00
		MID	QPSK	22.16	22.36	22.16	23.00
		HIGH	QPSK	22.39	22.40	22.10	23.00
	12	LOW	QPSK	22.28	22.52	22.25	23.00
		MID	QPSK	22.17	22.37	22.18	23.00
		HIGH	QPSK	22.51	22.50	22.15	23.00
	25	LOW	QPSK	22.24	22.34	22.45	23.00
5	1	LOW	Q16	22.77	22.77	22.77	23.00
		MID	Q16	22.49	22.51	22.65	23.00
		HIGH	Q16	22.84	22.70	22.56	23.00
	12	LOW	Q16	22.48	22.70	22.36	23.00
		MID	Q16	22.45	22.70	22.38	23.00
		HIGH	Q16	22.45	22.48	22.32	23.00
	25	LOW	Q16	22.55	22.58	22.34	23.00
5	1	LOW	64QAM	22.60	22.56	22.82	23.00
		MID	64QAM	22.61	22.75	22.82	23.00
		HIGH	64QAM	22.69	22.52	22.53	23.00
	12	LOW	64QAM	21.83	22.11	21.88	22.50
		MID	64QAM	21.88	21.82	21.89	22.50
		HIGH	64QAM	21.91	22.11	21.54	22.50
	25	LOW	64QAM	21.93	22.24	21.94	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.14	22.31	22.46	23.00
		MID	QPSK	22.28	22.47	22.13	23.00
		HIGH	QPSK	22.31	22.55	22.10	23.00
	25	LOW	QPSK	22.27	22.56	22.41	23.00
		MID	QPSK	22.34	22.55	22.30	23.00
		HIGH	QPSK	22.41	22.35	22.10	23.00
	50	LOW	QPSK	22.30	22.45	22.32	23.00
10	1	LOW	Q16	22.72	22.76	22.76	23.00
		MID	Q16	22.64	22.51	22.59	23.00
		HIGH	Q16	22.72	22.53	22.50	23.00
	25	LOW	Q16	22.55	22.52	22.44	23.00
		MID	Q16	22.33	22.56	22.57	23.00
		HIGH	Q16	22.49	22.49	22.13	23.00
	50	LOW	Q16	22.33	22.55	22.36	23.00
10	1	LOW	64QAM	22.59	22.49	22.86	23.00
		MID	64QAM	22.54	22.80	22.71	23.00
		HIGH	64QAM	22.85	22.42	22.49	23.00
	25	LOW	64QAM	21.94	21.82	21.98	22.50
		MID	64QAM	21.94	21.90	22.11	22.50
		HIGH	64QAM	21.97	22.20	21.74	22.50
	50	LOW	64QAM	21.84	22.19	22.12	22.50

LTE B38-DSI3&4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.25	22.53	22.57	23.00
		MID	QPSK	22.36	22.48	22.22	23.00
		HIGH	QPSK	22.28	22.46	22.23	23.00
	36	LOW	QPSK	22.19	22.46	22.28	23.00
		MID	QPSK	22.28	22.54	22.29	23.00
		HIGH	QPSK	22.50	22.40	22.07	23.00
	75	LOW	QPSK	22.26	22.50	22.23	23.00
15	1	LOW	Q16	22.56	22.67	22.72	23.00
		MID	Q16	22.48	22.75	22.67	23.00
		HIGH	Q16	22.82	22.68	22.42	23.00
	36	LOW	Q16	22.54	22.55	22.49	23.00
		MID	Q16	22.54	22.53	22.55	23.00
		HIGH	Q16	22.37	22.45	22.16	23.00
	75	LOW	Q16	22.52	22.58	22.44	23.00
15	1	LOW	64QAM	22.52	22.55	22.79	23.00
		MID	64QAM	22.45	22.52	22.80	23.00
		HIGH	64QAM	22.65	22.51	22.36	23.00
	36	LOW	64QAM	21.93	22.12	21.81	22.50
		MID	64QAM	21.80	22.01	21.98	22.50
		HIGH	64QAM	21.73	22.03	21.55	22.50
	75	LOW	64QAM	21.86	22.24	22.09	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.22	22.38	22.44	23.00
		MID	QPSK	22.26	22.36	22.23	23.00
		HIGH	QPSK	22.37	22.40	22.20	23.00
	50	LOW	QPSK	22.34	22.48	22.39	23.00
		MID	QPSK	22.31	22.47	22.33	23.00
		HIGH	QPSK	22.41	22.45	22.19	23.00
	100	LOW	QPSK	22.31	22.45	22.35	23.00
20	1	LOW	Q16	22.62	22.65	22.88	23.00
		MID	Q16	22.60	22.60	22.61	23.00
		HIGH	Q16	22.72	22.63	22.57	23.00
	50	LOW	Q16	22.45	22.61	22.48	23.00
		MID	Q16	22.43	22.56	22.47	23.00
		HIGH	Q16	22.48	22.52	22.28	23.00
	100	LOW	Q16	22.43	22.57	22.39	23.00
20	1	LOW	64QAM	22.63	22.58	22.73	23.00
		MID	64QAM	22.59	22.67	22.67	23.00
		HIGH	64QAM	22.74	22.54	22.46	23.00
	50	LOW	64QAM	21.89	21.97	21.94	22.50
		MID	64QAM	21.90	21.94	22.00	22.50
		HIGH	64QAM	21.83	22.09	21.65	22.50
	100	LOW	64QAM	21.86	22.16	22.03	22.50

8.3.7 LTE Band41 Output Power

BL-SZ2270591-701

LTE B41-Full Power -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.43	24.57	24.74	24.59	24.57	25.40
		MID	QPSK	24.45	24.63	24.82	24.58	24.48	25.40
		HIGH	QPSK	24.24	24.85	24.89	24.73	24.57	25.40
	12	LOW	QPSK	23.53	23.74	23.78	23.57	23.77	24.40
		MID	QPSK	23.62	23.55	23.73	23.64	23.76	24.40
		HIGH	QPSK	23.41	23.59	23.83	23.54	23.50	24.40
25	LOW	QPSK	23.55	23.65	23.75	23.68	23.83	24.40	
5	1	LOW	Q16	23.41	24.07	24.29	24.00	23.79	24.40
		MID	Q16	23.72	24.09	24.14	23.98	23.89	24.40
		HIGH	Q16	23.71	23.91	24.12	24.12	23.95	24.40
	12	LOW	Q16	22.73	22.60	22.89	22.72	22.69	23.40
		MID	Q16	22.63	22.91	23.00	22.88	22.57	23.40
		HIGH	Q16	22.70	22.86	22.93	22.76	22.83	23.40
25	LOW	Q16	22.58	22.46	22.72	22.70	22.72	23.40	
5	1	LOW	64QAM	22.74	22.89	23.16	23.11	23.16	23.40
		MID	64QAM	22.53	23.15	23.39	23.13	23.15	23.40
		HIGH	64QAM	22.55	22.77	22.90	22.74	23.01	23.40
	12	LOW	64QAM	21.41	21.75	21.98	21.69	21.68	22.40
		MID	64QAM	21.81	21.71	21.87	21.63	21.79	22.40
		HIGH	64QAM	21.55	21.83	21.83	21.75	21.82	22.40
25	LOW	64QAM	21.78	21.92	21.99	21.90	21.82	22.40	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.15	24.85	24.99	24.70	24.57	25.40
		MID	QPSK	24.49	24.84	24.89	24.70	24.73	25.40
		HIGH	QPSK	24.30	24.62	24.84	24.72	24.83	25.40
	25	LOW	QPSK	23.35	23.70	23.74	23.71	23.64	24.40
		MID	QPSK	23.55	23.45	23.68	23.42	23.79	24.40
		HIGH	QPSK	23.54	23.72	23.79	23.67	23.64	24.40
50	LOW	QPSK	23.61	23.55	23.78	23.60	23.61	24.40	
10	1	LOW	Q16	23.44	23.79	24.05	23.97	23.95	24.40
		MID	Q16	23.67	24.05	24.17	24.03	23.82	24.40
		HIGH	Q16	23.44	23.94	24.22	23.99	23.95	24.40
	25	LOW	Q16	22.62	22.68	22.90	22.78	22.58	23.40
		MID	Q16	22.71	22.86	23.01	22.79	22.68	23.40
		HIGH	Q16	22.58	22.58	22.71	22.54	22.79	23.40
50	LOW	Q16	22.61	22.57	22.72	22.44	22.76	23.40	
10	1	LOW	64QAM	22.61	22.89	22.98	22.97	23.15	23.40
		MID	64QAM	22.32	23.12	23.28	23.27	22.97	23.40
		HIGH	64QAM	22.51	22.73	22.86	22.71	22.95	23.40
	25	LOW	64QAM	21.32	22.02	22.12	21.99	21.85	22.40
		MID	64QAM	21.73	21.76	22.02	21.85	21.53	22.40
		HIGH	64QAM	21.48	21.67	21.87	21.82	21.60	22.40
50	LOW	64QAM	21.64	21.82	21.99	21.80	21.72	22.40	

LTE B41-Full Power -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.44	24.59	24.76	24.66	24.77	25.40
		MID	QPSK	24.26	24.65	24.68	24.44	24.57	25.40
		HIGH	QPSK	24.27	24.67	24.85	24.75	24.77	25.40
	36	LOW	QPSK	23.55	23.62	23.77	23.64	23.70	24.40
		MID	QPSK	23.44	23.53	23.76	23.59	23.73	24.40
		HIGH	QPSK	23.54	23.69	23.91	23.78	23.77	24.40
	75	LOW	QPSK	23.52	23.66	23.67	23.65	23.73	24.40
15	1	LOW	Q16	23.45	24.12	24.17	24.04	23.79	24.40
		MID	Q16	23.50	23.98	24.04	23.85	23.80	24.40
		HIGH	Q16	23.58	24.07	24.21	24.16	23.96	24.40
	36	LOW	Q16	22.66	22.73	22.84	22.78	22.63	23.40
		MID	Q16	22.45	22.55	22.83	22.66	22.85	23.40
		HIGH	Q16	22.67	22.71	22.81	22.60	22.72	23.40
	75	LOW	Q16	22.48	22.64	22.93	22.92	22.80	23.40
15	1	LOW	64QAM	22.61	22.73	22.96	22.67	23.03	23.40
		MID	64QAM	22.37	23.19	23.27	23.24	22.90	23.40
		HIGH	64QAM	22.48	22.62	22.89	22.80	23.05	23.40
	36	LOW	64QAM	21.49	21.94	22.01	21.89	21.73	22.40
		MID	64QAM	21.82	21.72	21.85	21.62	21.70	22.40
		HIGH	64QAM	21.51	21.76	21.93	21.82	21.65	22.40
	75	LOW	64QAM	21.61	21.69	21.87	21.86	21.84	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.30	24.60	24.85	24.74	24.66	25.40
		MID	QPSK	24.36	24.60	24.78	24.78	24.62	25.40
		HIGH	QPSK	24.37	24.68	24.87	24.66	24.69	25.40
	50	LOW	QPSK	23.49	23.56	23.81	23.70	23.70	24.40
		MID	QPSK	23.52	23.67	23.78	23.52	23.69	24.40
		HIGH	QPSK	23.49	23.66	23.80	23.62	23.65	24.40
	100	LOW	QPSK	23.48	23.53	23.78	23.52	23.70	24.40
20	1	LOW	Q16	23.54	24.02	24.18	23.90	23.92	24.40
		MID	Q16	23.59	23.81	24.10	24.05	23.86	24.40
		HIGH	Q16	23.59	23.88	24.16	23.91	23.94	24.40
	50	LOW	Q16	22.60	22.65	22.94	22.93	22.73	23.40
		MID	Q16	22.59	22.79	22.88	22.71	22.72	23.40
		HIGH	Q16	22.59	22.63	22.86	22.73	22.75	23.40
	100	LOW	Q16	22.60	22.72	22.83	22.73	22.74	23.40
20	1	LOW	64QAM	22.63	22.92	23.11	22.91	23.05	23.40
		MID	64QAM	22.46	23.02	23.25	23.22	23.00	23.40
		HIGH	64QAM	22.56	22.74	23.01	22.84	22.92	23.40
	50	LOW	64QAM	21.45	21.89	22.03	21.83	21.70	22.40
		MID	64QAM	21.70	21.95	21.96	21.69	21.64	22.40
		HIGH	64QAM	21.58	21.67	21.82	21.78	21.75	22.40
	100	LOW	64QAM	21.66	21.92	21.97	21.68	21.85	22.40

LTE B41-DSI1 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.19	19.49	19.68	19.65	19.65	20.40
		MID	QPSK	19.15	19.58	19.61	19.36	19.50	20.40
		HIGH	QPSK	19.32	19.51	19.75	19.47	19.44	20.40
	12	LOW	QPSK	19.32	19.57	19.64	19.49	19.56	20.40
		MID	QPSK	19.26	19.33	19.50	19.40	19.53	20.40
		HIGH	QPSK	19.24	19.38	19.49	19.28	19.60	20.40
	25	LOW	QPSK	19.27	19.34	19.52	19.38	19.46	20.40
5	1	LOW	Q16	19.48	19.95	20.04	19.80	19.88	20.40
		MID	Q16	19.64	19.94	20.07	19.93	19.87	20.40
		HIGH	Q16	19.52	19.80	20.04	19.78	19.82	20.40
	12	LOW	Q16	19.53	19.51	19.74	19.51	19.76	20.40
		MID	Q16	19.37	19.51	19.73	19.52	19.69	20.40
		HIGH	Q16	19.47	19.60	19.85	19.56	19.50	20.40
	25	LOW	Q16	19.35	19.73	19.83	19.82	19.56	20.40
5	1	LOW	64QAM	19.41	20.09	20.35	20.33	19.99	20.40
		MID	64QAM	19.69	19.62	19.87	19.82	19.98	20.40
		HIGH	64QAM	19.62	19.77	20.00	19.88	19.94	20.40
	12	LOW	64QAM	19.31	19.38	19.55	19.46	19.50	20.40
		MID	64QAM	19.61	19.47	19.76	19.50	19.54	20.40
		HIGH	64QAM	19.45	19.64	19.87	19.75	19.51	20.40
	25	LOW	64QAM	19.42	19.67	19.77	19.64	19.68	20.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.09	19.73	19.81	19.54	19.45	20.40
		MID	QPSK	19.24	19.39	19.48	19.47	19.57	20.40
		HIGH	QPSK	19.23	19.64	19.85	19.69	19.49	20.40
	25	LOW	QPSK	19.31	19.64	19.64	19.55	19.47	20.40
		MID	QPSK	19.35	19.37	19.53	19.52	19.63	20.40
		HIGH	QPSK	19.34	19.68	19.68	19.68	19.66	20.40
	50	LOW	QPSK	19.29	19.70	19.75	19.69	19.55	20.40
10	1	LOW	Q16	19.33	19.95	20.06	19.91	19.70	20.40
		MID	Q16	19.50	19.73	19.99	19.87	19.83	20.40
		HIGH	Q16	19.58	20.15	20.19	20.08	19.95	20.40
	25	LOW	Q16	19.32	19.49	19.77	19.52	19.77	20.40
		MID	Q16	19.53	19.55	19.84	19.78	19.76	20.40
		HIGH	Q16	19.46	19.41	19.66	19.66	19.57	20.40
	50	LOW	Q16	19.45	19.76	19.81	19.77	19.57	20.40
10	1	LOW	64QAM	19.61	20.05	20.11	20.03	20.09	20.40
		MID	64QAM	19.56	19.84	19.94	19.78	19.86	20.40
		HIGH	64QAM	19.48	19.87	20.06	19.93	19.93	20.40
	25	LOW	64QAM	19.15	19.29	19.56	19.36	19.43	20.40
		MID	64QAM	19.45	19.45	19.62	19.62	19.58	20.40
		HIGH	64QAM	19.26	19.57	19.85	19.68	19.58	20.40
	50	LOW	64QAM	19.61	19.58	19.77	19.61	19.57	20.40

LTE B41-DSI1 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.05	19.34	19.57	19.29	19.59	20.40
		MID	QPSK	19.28	19.43	19.72	19.45	19.43	20.40
		HIGH	QPSK	19.13	19.75	19.86	19.86	19.43	20.40
	36	LOW	QPSK	19.33	19.65	19.78	19.76	19.59	20.40
		MID	QPSK	19.18	19.35	19.55	19.40	19.58	20.40
		HIGH	QPSK	19.23	19.61	19.73	19.54	19.67	20.40
75	LOW	QPSK	19.45	19.59	19.61	19.47	19.42	20.40	
15	1	LOW	Q16	19.29	19.94	20.20	19.95	19.97	20.40
		MID	Q16	19.45	20.01	20.14	19.99	19.69	20.40
		HIGH	Q16	19.44	19.93	20.04	19.88	19.97	20.40
	36	LOW	Q16	19.54	19.59	19.63	19.63	19.66	20.40
		MID	Q16	19.46	19.67	19.68	19.53	19.64	20.40
		HIGH	Q16	19.43	19.52	19.72	19.70	19.47	20.40
75	LOW	Q16	19.51	19.71	19.78	19.78	19.51	20.40	
15	1	LOW	64QAM	19.43	20.00	20.22	20.14	19.92	20.40
		MID	64QAM	19.74	19.87	19.96	19.85	19.79	20.40
		HIGH	64QAM	19.43	19.95	20.21	20.12	19.96	20.40
	36	LOW	64QAM	19.27	19.54	19.79	19.60	19.55	20.40
		MID	64QAM	19.57	19.72	19.78	19.71	19.65	20.40
		HIGH	64QAM	19.38	19.76	19.78	19.61	19.55	20.40
75	LOW	64QAM	19.40	19.42	19.57	19.38	19.85	20.40	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.20	19.64	19.68	19.61	19.52	20.40
		MID	QPSK	19.24	19.49	19.62	19.57	19.49	20.40
		HIGH	QPSK	19.23	19.62	19.71	19.53	19.58	20.40
	50	LOW	QPSK	19.31	19.64	19.66	19.39	19.56	20.40
		MID	QPSK	19.30	19.60	19.62	19.34	19.55	20.40
		HIGH	QPSK	19.29	19.60	19.64	19.55	19.54	20.40
100	LOW	QPSK	19.31	19.50	19.63	19.53	19.54	20.40	
20	1	LOW	Q16	19.43	19.86	20.12	19.90	19.85	20.40
		MID	Q16	19.53	19.97	20.05	19.91	19.83	20.40
		HIGH	Q16	19.51	20.00	20.13	19.99	19.92	20.40
	50	LOW	Q16	19.43	19.49	19.77	19.53	19.62	20.40
		MID	Q16	19.44	19.59	19.78	19.55	19.61	20.40
		HIGH	Q16	19.40	19.73	19.75	19.58	19.62	20.40
100	LOW	Q16	19.43	19.51	19.72	19.60	19.63	20.40	
20	1	LOW	64QAM	19.55	20.15	20.26	20.22	19.99	20.40
		MID	64QAM	19.63	19.68	19.92	19.66	19.90	20.40
		HIGH	64QAM	19.52	20.00	20.13	20.03	20.05	20.40
	50	LOW	64QAM	19.30	19.56	19.69	19.47	19.52	20.40
		MID	64QAM	19.53	19.67	19.67	19.50	19.58	20.40
		HIGH	64QAM	19.36	19.62	19.84	19.80	19.66	20.40
100	LOW	64QAM	19.52	19.62	19.70	19.47	19.70	20.40	

LTE B41-DSI2&3 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.43	24.57	24.74	24.59	24.57	25.40
		MID	QPSK	24.45	24.63	24.82	24.58	24.48	25.40
		HIGH	QPSK	24.24	24.85	24.89	24.73	24.57	25.40
	12	LOW	QPSK	23.53	23.74	23.78	23.57	23.77	24.40
		MID	QPSK	23.62	23.55	23.73	23.64	23.76	24.40
		HIGH	QPSK	23.41	23.59	23.83	23.54	23.50	24.40
25	LOW	QPSK	23.55	23.65	23.75	23.68	23.83	24.40	
5	1	LOW	Q16	23.41	24.07	24.29	24.00	23.79	24.40
		MID	Q16	23.72	24.09	24.14	23.98	23.89	24.40
		HIGH	Q16	23.71	23.91	24.12	24.12	23.95	24.40
	12	LOW	Q16	22.73	22.60	22.89	22.72	22.69	23.40
		MID	Q16	22.63	22.91	23.00	22.88	22.57	23.40
		HIGH	Q16	22.70	22.86	22.93	22.76	22.83	23.40
25	LOW	Q16	22.58	22.46	22.72	22.70	22.72	23.40	
5	1	LOW	64QAM	22.74	22.89	23.16	23.11	23.16	23.40
		MID	64QAM	22.53	23.15	23.39	23.13	23.15	23.40
		HIGH	64QAM	22.55	22.77	22.90	22.74	23.01	23.40
	12	LOW	64QAM	21.41	21.75	21.98	21.69	21.68	22.40
		MID	64QAM	21.81	21.71	21.87	21.63	21.79	22.40
		HIGH	64QAM	21.55	21.83	21.83	21.75	21.82	22.40
25	LOW	64QAM	21.78	21.92	21.99	21.90	21.82	22.40	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.15	24.85	24.99	24.70	24.57	25.40
		MID	QPSK	24.49	24.84	24.89	24.70	24.73	25.40
		HIGH	QPSK	24.30	24.62	24.84	24.72	24.83	25.40
	25	LOW	QPSK	23.35	23.70	23.74	23.71	23.64	24.40
		MID	QPSK	23.55	23.45	23.68	23.42	23.79	24.40
		HIGH	QPSK	23.54	23.72	23.79	23.67	23.64	24.40
50	LOW	QPSK	23.61	23.55	23.78	23.60	23.61	24.40	
10	1	LOW	Q16	23.44	23.79	24.05	23.97	23.95	24.40
		MID	Q16	23.67	24.05	24.17	24.03	23.82	24.40
		HIGH	Q16	23.44	23.94	24.22	23.99	23.95	24.40
	25	LOW	Q16	22.62	22.68	22.90	22.78	22.58	23.40
		MID	Q16	22.71	22.86	23.01	22.79	22.68	23.40
		HIGH	Q16	22.58	22.58	22.71	22.54	22.79	23.40
50	LOW	Q16	22.61	22.57	22.72	22.44	22.76	23.40	
10	1	LOW	64QAM	22.61	22.89	22.98	22.97	23.15	23.40
		MID	64QAM	22.32	23.12	23.28	23.27	22.97	23.40
		HIGH	64QAM	22.51	22.73	22.86	22.71	22.95	23.40
	25	LOW	64QAM	21.32	22.02	22.12	21.99	21.85	22.40
		MID	64QAM	21.73	21.76	22.02	21.85	21.53	22.40
		HIGH	64QAM	21.48	21.67	21.87	21.82	21.60	22.40
50	LOW	64QAM	21.64	21.82	21.99	21.80	21.72	22.40	

LTE B41-DSI2&3 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.44	24.59	24.76	24.66	24.77	25.40
		MID	QPSK	24.26	24.65	24.68	24.44	24.57	25.40
		HIGH	QPSK	24.27	24.67	24.85	24.75	24.77	25.40
	36	LOW	QPSK	23.55	23.62	23.77	23.64	23.70	24.40
		MID	QPSK	23.44	23.53	23.76	23.59	23.73	24.40
		HIGH	QPSK	23.54	23.69	23.91	23.78	23.77	24.40
	75	LOW	QPSK	23.52	23.66	23.67	23.65	23.73	24.40
15	1	LOW	Q16	23.45	24.12	24.17	24.04	23.79	24.40
		MID	Q16	23.50	23.98	24.04	23.85	23.80	24.40
		HIGH	Q16	23.58	24.07	24.21	24.16	23.96	24.40
	36	LOW	Q16	22.66	22.73	22.84	22.78	22.63	23.40
		MID	Q16	22.45	22.55	22.83	22.66	22.85	23.40
		HIGH	Q16	22.67	22.71	22.81	22.60	22.72	23.40
	75	LOW	Q16	22.48	22.64	22.93	22.92	22.80	23.40
15	1	LOW	64QAM	22.61	22.73	22.96	22.67	23.03	23.40
		MID	64QAM	22.37	23.19	23.27	23.24	22.90	23.40
		HIGH	64QAM	22.48	22.62	22.89	22.80	23.05	23.40
	36	LOW	64QAM	21.49	21.94	22.01	21.89	21.73	22.40
		MID	64QAM	21.82	21.72	21.85	21.62	21.70	22.40
		HIGH	64QAM	21.51	21.76	21.93	21.82	21.65	22.40
	75	LOW	64QAM	21.61	21.69	21.87	21.86	21.84	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.30	24.60	24.85	24.74	24.66	25.40
		MID	QPSK	24.36	24.60	24.78	24.78	24.62	25.40
		HIGH	QPSK	24.37	24.68	24.87	24.66	24.69	25.40
	50	LOW	QPSK	23.49	23.56	23.81	23.70	23.70	24.40
		MID	QPSK	23.52	23.67	23.78	23.52	23.69	24.40
		HIGH	QPSK	23.49	23.66	23.80	23.62	23.65	24.40
	100	LOW	QPSK	23.48	23.53	23.78	23.52	23.70	24.40
20	1	LOW	Q16	23.54	24.02	24.18	23.90	23.92	24.40
		MID	Q16	23.59	23.81	24.10	24.05	23.86	24.40
		HIGH	Q16	23.59	23.88	24.16	23.91	23.94	24.40
	50	LOW	Q16	22.60	22.65	22.94	22.93	22.73	23.40
		MID	Q16	22.59	22.79	22.88	22.71	22.72	23.40
		HIGH	Q16	22.59	22.63	22.86	22.73	22.75	23.40
	100	LOW	Q16	22.60	22.72	22.83	22.73	22.74	23.40
20	1	LOW	64QAM	22.63	22.92	23.11	22.91	23.05	23.40
		MID	64QAM	22.46	23.02	23.25	23.22	23.00	23.40
		HIGH	64QAM	22.56	22.74	23.01	22.84	22.92	23.40
	50	LOW	64QAM	21.45	21.89	22.03	21.83	21.70	22.40
		MID	64QAM	21.70	21.95	21.96	21.69	21.64	22.40
		HIGH	64QAM	21.58	21.67	21.82	21.78	21.75	22.40
	100	LOW	64QAM	21.66	21.92	21.97	21.68	21.85	22.40

LTE B41-DSI4 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.00	22.53	22.59	22.34	22.43	23.40
		MID	QPSK	22.12	22.64	22.72	22.46	22.56	23.40
		HIGH	QPSK	22.24	22.46	22.67	22.67	22.69	23.40
	12	LOW	QPSK	22.19	22.64	22.79	22.50	22.66	23.40
		MID	QPSK	22.24	22.61	22.63	22.41	22.64	23.40
		HIGH	QPSK	22.13	22.39	22.60	22.57	22.44	23.40
25	LOW	QPSK	22.16	22.68	22.78	22.77	22.48	23.40	
5	1	LOW	Q16	22.43	23.02	23.03	22.76	22.90	23.40
		MID	Q16	22.50	22.74	22.83	22.74	22.82	23.40
		HIGH	Q16	22.41	22.91	23.15	23.11	22.92	23.40
	12	LOW	Q16	22.36	22.71	22.84	22.56	22.72	23.40
		MID	Q16	22.34	22.48	22.58	22.37	22.45	23.40
		HIGH	Q16	22.47	22.46	22.62	22.47	22.59	23.40
25	LOW	Q16	22.30	22.48	22.53	22.31	22.48	23.40	
5	1	LOW	64QAM	22.54	22.79	23.07	22.84	22.59	23.40
		MID	64QAM	22.57	22.87	23.13	22.87	22.78	23.40
		HIGH	64QAM	22.39	23.00	23.08	22.89	22.90	23.40
	12	LOW	64QAM	21.24	21.57	21.74	21.64	21.62	22.40
		MID	64QAM	21.32	21.74	21.86	21.81	21.48	22.40
		HIGH	64QAM	21.51	21.38	21.66	21.63	21.34	22.40
25	LOW	64QAM	21.60	21.53	21.72	21.54	21.51	22.40	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.04	22.60	22.62	22.62	22.39	23.40
		MID	QPSK	22.21	22.28	22.57	22.37	22.52	23.40
		HIGH	QPSK	22.22	22.67	22.71	22.56	22.63	23.40
	25	LOW	QPSK	22.38	22.52	22.53	22.25	22.66	23.40
		MID	QPSK	22.33	22.75	22.78	22.73	22.55	23.40
		HIGH	QPSK	22.40	22.48	22.65	22.61	22.47	23.40
50	LOW	QPSK	22.42	22.70	22.73	22.50	22.61	23.40	
10	1	LOW	Q16	22.55	22.71	22.93	22.68	22.85	23.40
		MID	Q16	22.51	22.75	22.99	22.74	22.88	23.40
		HIGH	Q16	22.31	22.70	22.92	22.73	22.80	23.40
	25	LOW	Q16	22.28	22.76	22.82	22.77	22.68	23.40
		MID	Q16	22.46	22.53	22.68	22.41	22.61	23.40
		HIGH	Q16	22.33	22.53	22.77	22.62	22.56	23.40
50	LOW	Q16	22.47	22.31	22.52	22.49	22.53	23.40	
10	1	LOW	64QAM	22.46	23.16	23.30	23.30	22.64	23.40
		MID	64QAM	22.42	22.86	23.11	22.91	22.86	23.40
		HIGH	64QAM	22.36	22.96	23.08	22.84	22.70	23.40
	25	LOW	64QAM	21.48	21.25	21.47	21.30	21.71	22.40
		MID	64QAM	21.40	21.52	21.73	21.59	21.48	22.40
		HIGH	64QAM	21.42	21.47	21.52	21.33	21.40	22.40
50	LOW	64QAM	21.39	21.73	21.75	21.54	21.65	22.40	

LTE B41-DSI4 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.26	22.37	22.53	22.45	22.56	23.40
		MID	QPSK	22.35	22.49	22.50	22.36	22.61	23.40
		HIGH	QPSK	22.25	22.55	22.70	22.62	22.54	23.40
	36	LOW	QPSK	22.31	22.70	22.70	22.58	22.47	23.40
		MID	QPSK	22.43	22.54	22.71	22.51	22.68	23.40
		HIGH	QPSK	22.18	22.46	22.63	22.35	22.63	23.40
	75	LOW	QPSK	22.40	22.69	22.75	22.71	22.40	23.40
15	1	LOW	Q16	22.38	22.65	22.92	22.67	22.98	23.40
		MID	Q16	22.52	22.73	22.98	22.93	22.73	23.40
		HIGH	Q16	22.34	23.00	23.14	22.86	22.90	23.40
	36	LOW	Q16	22.55	22.46	22.57	22.29	22.65	23.40
		MID	Q16	22.54	22.34	22.57	22.53	22.53	23.40
		HIGH	Q16	22.46	22.61	22.81	22.62	22.75	23.40
	75	LOW	Q16	22.46	22.49	22.75	22.73	22.45	23.40
15	1	LOW	64QAM	22.35	22.92	23.19	23.07	22.57	23.40
		MID	64QAM	22.54	22.81	22.90	22.62	22.58	23.40
		HIGH	64QAM	22.26	23.03	23.15	23.09	22.77	23.40
	36	LOW	64QAM	21.52	21.36	21.56	21.34	21.46	22.40
		MID	64QAM	21.42	21.82	21.89	21.79	21.41	22.40
		HIGH	64QAM	21.50	21.43	21.50	21.44	21.48	22.40
	75	LOW	64QAM	21.61	21.30	21.54	21.53	21.69	22.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.11	22.63	22.68	22.45	22.53	23.40
		MID	QPSK	22.21	22.33	22.62	22.60	22.51	23.40
		HIGH	QPSK	22.17	22.67	22.71	22.68	22.60	23.40
	50	LOW	QPSK	22.34	22.61	22.65	22.48	22.54	23.40
		MID	QPSK	22.32	22.58	22.68	22.62	22.57	23.40
		HIGH	QPSK	22.25	22.61	22.64	22.62	22.55	23.40
100	LOW	QPSK	22.28	22.43	22.63	22.47	22.54	23.40	
20	1	LOW	Q16	22.41	22.79	23.07	22.87	22.84	23.40
		MID	Q16	22.54	22.67	22.94	22.84	22.82	23.40
		HIGH	Q16	22.46	23.04	23.05	22.99	22.86	23.40
	50	LOW	Q16	22.43	22.72	22.72	22.48	22.59	23.40
		MID	Q16	22.45	22.69	22.70	22.52	22.60	23.40
		HIGH	Q16	22.41	22.64	22.73	22.64	22.61	23.40
	100	LOW	Q16	22.41	22.43	22.66	22.61	22.59	23.40
20	1	LOW	64QAM	22.44	22.97	23.16	22.92	22.70	23.40
		MID	64QAM	22.55	22.88	23.04	22.99	22.72	23.40
		HIGH	64QAM	22.33	22.83	23.12	23.10	22.77	23.40
	50	LOW	64QAM	21.37	21.50	21.60	21.38	21.57	22.40
		MID	64QAM	21.33	21.62	21.79	21.72	21.50	22.40
		HIGH	64QAM	21.50	21.56	21.64	21.41	21.48	22.40
100	LOW	64QAM	21.49	21.32	21.60	21.41	21.66	22.40	

8.3.7 LTE Band41 Output Power

BL-SZ2270591-701

LTE B41-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.57	24.90	25.16	24.95	24.69	25.50
		MID	QPSK	24.81	24.90	24.93	24.76	24.62	25.50
		HIGH	QPSK	24.92	24.90	25.03	24.85	24.68	25.50
	12	LOW	QPSK	23.91	23.99	24.22	24.04	23.64	24.50
		MID	QPSK	24.05	23.76	23.93	23.72	23.79	24.50
		HIGH	QPSK	23.79	23.74	23.92	23.70	23.59	24.50
25	LOW	QPSK	24.01	23.70	23.95	23.68	23.74	24.50	
5	1	LOW	Q16	23.78	24.21	24.22	23.97	23.99	24.50
		MID	Q16	24.13	24.22	24.36	24.11	23.79	24.50
		HIGH	Q16	23.95	24.30	24.46	24.41	23.88	24.50
	12	LOW	Q16	23.13	23.31	23.34	23.19	22.56	23.50
		MID	Q16	22.97	22.95	23.16	22.87	22.74	23.50
		HIGH	Q16	23.12	23.11	23.11	23.05	22.59	23.50
25	LOW	Q16	22.88	22.79	23.00	22.91	22.69	23.50	
5	1	LOW	64QAM	22.84	23.16	23.38	23.35	22.74	23.50
		MID	64QAM	22.97	22.99	23.25	23.14	22.89	23.50
		HIGH	64QAM	23.14	23.24	23.45	23.31	22.83	23.50
	12	LOW	64QAM	22.05	21.93	22.16	22.04	21.86	22.50
		MID	64QAM	21.97	21.89	21.99	21.77	21.76	22.50
		HIGH	64QAM	22.17	21.93	22.18	22.15	21.72	22.50
25	LOW	64QAM	21.89	22.00	22.09	22.04	21.80	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.75	25.04	25.10	25.04	24.67	25.50
		MID	QPSK	24.63	24.90	25.02	25.00	24.58	25.50
		HIGH	QPSK	24.68	24.92	25.02	24.77	24.71	25.50
	25	LOW	QPSK	23.99	23.81	24.00	23.90	23.72	24.50
		MID	QPSK	24.08	23.86	24.00	23.83	23.73	24.50
		HIGH	QPSK	24.05	23.97	24.08	23.84	23.67	24.50
50	LOW	QPSK	23.88	23.63	23.90	23.68	23.67	24.50	
10	1	LOW	Q16	23.90	24.38	24.42	24.39	23.90	24.50
		MID	Q16	24.04	24.11	24.32	24.06	23.77	24.50
		HIGH	Q16	24.05	24.20	24.41	24.20	23.81	24.50
	25	LOW	Q16	23.01	23.15	23.33	23.22	22.78	23.50
		MID	Q16	23.15	22.95	23.14	22.89	22.64	23.50
		HIGH	Q16	23.09	22.95	22.98	22.95	22.61	23.50
50	LOW	Q16	22.95	22.75	22.93	22.65	22.77	23.50	
10	1	LOW	64QAM	22.89	23.03	23.23	23.10	23.02	23.50
		MID	64QAM	23.11	22.98	23.25	23.17	22.96	23.50
		HIGH	64QAM	23.15	23.31	23.46	23.42	22.81	23.50
	25	LOW	64QAM	21.94	21.86	22.06	21.84	21.91	22.50
		MID	64QAM	22.01	21.99	22.13	21.86	21.78	22.50
		HIGH	64QAM	22.03	22.12	22.24	22.17	21.59	22.50
50	LOW	64QAM	21.98	21.87	22.15	22.15	21.80	22.50	

LTE B41-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.83	24.87	24.98	24.71	24.56	25.50
		MID	QPSK	24.78	25.00	25.13	24.97	24.42	25.50
		HIGH	QPSK	24.90	24.76	24.87	24.65	24.47	25.50
	36	LOW	QPSK	23.83	23.90	24.03	24.02	23.74	24.50
		MID	QPSK	23.98	24.04	24.05	24.05	23.75	24.50
		HIGH	QPSK	23.87	24.10	24.11	24.06	23.56	24.50
75	LOW	QPSK	23.78	23.87	23.87	23.66	23.48	24.50	
15	1	LOW	Q16	23.91	24.09	24.25	24.12	23.95	24.50
		MID	Q16	23.90	23.96	24.23	24.18	23.90	24.50
		HIGH	Q16	24.01	23.98	24.23	24.15	23.88	24.50
	36	LOW	Q16	22.94	23.24	23.28	23.12	22.73	23.50
		MID	Q16	22.96	22.88	23.05	22.89	22.69	23.50
		HIGH	Q16	23.04	22.94	22.99	22.89	22.58	23.50
75	LOW	Q16	22.90	22.94	23.00	22.92	22.74	23.50	
15	1	LOW	64QAM	23.00	23.39	23.49	23.28	22.91	23.50
		MID	64QAM	23.13	23.17	23.25	23.13	22.92	23.50
		HIGH	64QAM	22.99	23.03	23.24	22.98	22.82	23.50
	36	LOW	64QAM	22.00	22.07	22.26	22.22	21.69	22.50
		MID	64QAM	21.95	22.03	22.05	21.78	21.81	22.50
		HIGH	64QAM	22.11	21.94	22.10	21.92	21.80	22.50
75	LOW	64QAM	21.92	21.95	22.15	22.13	21.71	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.69	24.95	25.04	24.93	24.59	25.50
		MID	QPSK	24.76	24.94	24.98	24.79	24.53	25.50
		HIGH	QPSK	24.82	24.88	25.01	25.01	24.61	25.50
	50	LOW	QPSK	23.94	23.96	24.07	23.96	23.65	24.50
		MID	QPSK	23.94	23.83	23.98	23.77	23.66	24.50
		HIGH	QPSK	23.91	23.80	24.01	23.96	23.60	24.50
100	LOW	QPSK	23.91	23.92	23.97	23.88	23.62	24.50	
20	1	LOW	Q16	23.92	24.36	24.49	24.43	23.91	24.50
		MID	Q16	24.03	24.11	24.34	24.20	23.86	24.50
		HIGH	Q16	24.03	24.14	24.38	24.22	23.87	24.50
	50	LOW	Q16	23.03	23.09	23.19	23.15	22.71	23.50
		MID	Q16	23.00	23.07	23.13	22.98	22.67	23.50
		HIGH	Q16	23.02	23.05	23.09	22.99	22.69	23.50
100	LOW	Q16	23.03	22.81	23.08	22.83	22.71	23.50	
20	1	LOW	64QAM	22.87	23.32	23.43	23.21	22.89	23.50
		MID	64QAM	23.06	23.24	23.31	23.26	22.91	23.50
		HIGH	64QAM	23.00	23.35	23.42	23.42	22.79	23.50
	50	LOW	64QAM	22.05	22.09	22.18	22.01	21.83	22.50
		MID	64QAM	21.96	22.00	22.03	21.82	21.82	22.50
		HIGH	64QAM	22.13	22.07	22.24	22.02	21.74	22.50
100	LOW	64QAM	21.99	22.09	22.16	21.91	21.65	22.50	

LTE B41-DS11&2 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.57	24.90	25.16	24.95	24.69	25.50
		MID	QPSK	24.81	24.90	24.93	24.76	24.62	25.50
		HIGH	QPSK	24.92	24.90	25.03	24.85	24.68	25.50
	12	LOW	QPSK	23.91	23.99	24.22	24.04	23.64	24.50
		MID	QPSK	24.05	23.76	23.93	23.72	23.79	24.50
		HIGH	QPSK	23.79	23.74	23.92	23.70	23.59	24.50
5	1	LOW	Q16	24.01	23.70	23.95	23.68	23.74	24.50
		MID	Q16	23.78	24.21	24.22	23.97	23.99	24.50
		HIGH	Q16	24.13	24.22	24.36	24.11	23.79	24.50
	12	LOW	Q16	23.95	24.30	24.46	24.41	23.88	24.50
		MID	Q16	23.13	23.31	23.34	23.19	22.56	23.50
		HIGH	Q16	22.97	22.95	23.16	22.87	22.74	23.50
5	1	LOW	Q16	23.12	23.11	23.11	23.05	22.59	23.50
		MID	Q16	22.88	22.79	23.00	22.91	22.69	23.50
		HIGH	Q16	22.88	22.79	23.00	22.91	22.69	23.50
	12	LOW	64QAM	22.84	23.16	23.38	23.35	22.74	23.50
		MID	64QAM	22.97	22.99	23.25	23.14	22.89	23.50
		HIGH	64QAM	23.14	23.24	23.45	23.31	22.83	23.50
5	1	LOW	64QAM	22.05	21.93	22.16	22.04	21.86	22.50
		MID	64QAM	21.97	21.89	21.99	21.77	21.76	22.50
		HIGH	64QAM	22.17	21.93	22.18	22.15	21.72	22.50
	12	LOW	64QAM	21.89	22.00	22.09	22.04	21.80	22.50
		MID	64QAM	21.89	22.00	22.09	22.04	21.80	22.50
		HIGH	64QAM	21.89	22.00	22.09	22.04	21.80	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.75	25.04	25.10	25.04	24.67	25.50
		MID	QPSK	24.63	24.90	25.02	25.00	24.58	25.50
		HIGH	QPSK	24.68	24.92	25.02	24.77	24.71	25.50
	25	LOW	QPSK	23.99	23.81	24.00	23.90	23.72	24.50
		MID	QPSK	24.08	23.86	24.00	23.83	23.73	24.50
		HIGH	QPSK	24.05	23.97	24.08	23.84	23.67	24.50
10	1	LOW	QPSK	23.88	23.63	23.90	23.68	23.67	24.50
		MID	Q16	23.90	24.38	24.42	24.39	23.90	24.50
		HIGH	Q16	24.04	24.11	24.32	24.06	23.77	24.50
	25	LOW	Q16	24.05	24.20	24.41	24.20	23.81	24.50
		MID	Q16	23.01	23.15	23.33	23.22	22.78	23.50
		HIGH	Q16	23.15	22.95	23.14	22.89	22.64	23.50
10	1	LOW	Q16	23.09	22.95	22.98	22.95	22.61	23.50
		MID	Q16	22.95	22.75	22.93	22.65	22.77	23.50
		HIGH	Q16	22.95	22.75	22.93	22.65	22.77	23.50
	25	LOW	64QAM	22.89	23.03	23.23	23.10	23.02	23.50
		MID	64QAM	23.11	22.98	23.25	23.17	22.96	23.50
		HIGH	64QAM	23.15	23.31	23.46	23.42	22.81	23.50
10	1	LOW	64QAM	21.94	21.86	22.06	21.84	21.91	22.50
		MID	64QAM	22.01	21.99	22.13	21.86	21.78	22.50
		HIGH	64QAM	22.03	22.12	22.24	22.17	21.59	22.50
	25	LOW	64QAM	21.98	21.87	22.15	22.15	21.80	22.50
		MID	64QAM	21.98	21.87	22.15	22.15	21.80	22.50
		HIGH	64QAM	21.98	21.87	22.15	22.15	21.80	22.50

LTE B41-DS11&2 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.83	24.87	24.98	24.71	24.56	25.50
		MID	QPSK	24.78	25.00	25.13	24.97	24.42	25.50
		HIGH	QPSK	24.90	24.76	24.87	24.65	24.47	25.50
	36	LOW	QPSK	23.83	23.90	24.03	24.02	23.74	24.50
		MID	QPSK	23.98	24.04	24.05	24.05	23.75	24.50
		HIGH	QPSK	23.87	24.10	24.11	24.06	23.56	24.50
75	LOW	QPSK	23.78	23.87	23.87	23.66	23.48	24.50	
15	1	LOW	Q16	23.91	24.09	24.25	24.12	23.95	24.50
		MID	Q16	23.90	23.96	24.23	24.18	23.90	24.50
		HIGH	Q16	24.01	23.98	24.23	24.15	23.88	24.50
	36	LOW	Q16	22.94	23.24	23.28	23.12	22.73	23.50
		MID	Q16	22.96	22.88	23.05	22.89	22.69	23.50
		HIGH	Q16	23.04	22.94	22.99	22.89	22.58	23.50
75	LOW	Q16	22.90	22.94	23.00	22.92	22.74	23.50	
15	1	LOW	64QAM	23.00	23.39	23.49	23.28	22.91	23.50
		MID	64QAM	23.13	23.17	23.25	23.13	22.92	23.50
		HIGH	64QAM	22.99	23.03	23.24	22.98	22.82	23.50
	36	LOW	64QAM	22.00	22.07	22.26	22.22	21.69	22.50
		MID	64QAM	21.95	22.03	22.05	21.78	21.81	22.50
		HIGH	64QAM	22.11	21.94	22.10	21.92	21.80	22.50
75	LOW	64QAM	21.92	21.95	22.15	22.13	21.71	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.69	24.95	25.04	24.93	24.59	25.50
		MID	QPSK	24.76	24.94	24.98	24.79	24.53	25.50
		HIGH	QPSK	24.82	24.88	25.01	25.01	24.61	25.50
	50	LOW	QPSK	23.94	23.96	24.07	23.96	23.65	24.50
		MID	QPSK	23.94	23.83	23.98	23.77	23.66	24.50
		HIGH	QPSK	23.91	23.80	24.01	23.96	23.60	24.50
100	LOW	QPSK	23.91	23.92	23.97	23.88	23.62	24.50	
20	1	LOW	Q16	23.92	24.36	24.49	24.43	23.91	24.50
		MID	Q16	24.03	24.11	24.34	24.20	23.86	24.50
		HIGH	Q16	24.03	24.14	24.38	24.22	23.87	24.50
	50	LOW	Q16	23.03	23.09	23.19	23.15	22.71	23.50
		MID	Q16	23.00	23.07	23.13	22.98	22.67	23.50
		HIGH	Q16	23.02	23.05	23.09	22.99	22.69	23.50
100	LOW	Q16	23.03	22.81	23.08	22.83	22.71	23.50	
20	1	LOW	64QAM	22.87	23.32	23.43	23.21	22.89	23.50
		MID	64QAM	23.06	23.24	23.31	23.26	22.91	23.50
		HIGH	64QAM	23.00	23.35	23.42	23.42	22.79	23.50
	50	LOW	64QAM	22.05	22.09	22.18	22.01	21.83	22.50
		MID	64QAM	21.96	22.00	22.03	21.82	21.82	22.50
		HIGH	64QAM	22.13	22.07	22.24	22.02	21.74	22.50
100	LOW	64QAM	21.99	22.09	22.16	21.91	21.65	22.50	

LTE B41-DSI3&4 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.17	23.41	23.61	23.43	23.15	24.00
		MID	QPSK	23.19	23.37	23.57	23.36	23.12	24.00
		HIGH	QPSK	23.21	23.46	23.53	23.53	23.05	24.00
	12	LOW	QPSK	23.39	23.35	23.57	23.35	23.10	24.00
		MID	QPSK	23.33	23.26	23.39	23.30	23.04	24.00
		HIGH	QPSK	23.46	23.26	23.51	23.26	22.99	24.00
	25	LOW	QPSK	23.30	23.34	23.62	23.43	22.99	24.00
5	1	LOW	Q16	23.41	23.71	23.88	23.67	23.24	24.00
		MID	Q16	23.51	23.51	23.72	23.44	23.45	24.00
		HIGH	Q16	23.48	23.70	23.88	23.75	23.40	24.00
	12	LOW	Q16	23.03	23.03	23.05	22.92	22.57	23.50
		MID	Q16	22.92	22.92	23.11	23.00	22.51	23.50
		HIGH	Q16	23.06	22.67	22.93	22.68	22.67	23.50
	25	LOW	Q16	22.96	22.85	23.07	22.83	22.63	23.50
5	1	LOW	64QAM	22.94	23.38	23.41	23.21	22.85	23.50
		MID	64QAM	23.14	23.24	23.27	23.12	22.71	23.50
		HIGH	64QAM	22.99	23.22	23.32	23.13	23.08	23.50
	12	LOW	64QAM	22.11	21.96	22.19	22.10	21.72	22.50
		MID	64QAM	21.91	22.02	22.12	21.84	21.60	22.50
		HIGH	64QAM	21.90	21.87	22.11	21.93	21.69	22.50
	25	LOW	64QAM	21.87	22.05	22.19	22.08	21.63	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.61	23.63	23.42	23.20	24.00
		MID	QPSK	23.42	23.32	23.43	23.39	22.98	24.00
		HIGH	QPSK	23.44	23.35	23.47	23.29	23.17	24.00
	25	LOW	QPSK	23.47	23.24	23.51	23.46	23.12	24.00
		MID	QPSK	23.51	23.36	23.52	23.38	23.09	24.00
		HIGH	QPSK	23.42	23.28	23.38	23.12	23.11	24.00
	50	LOW	QPSK	23.25	23.51	23.53	23.32	23.23	24.00
10	1	LOW	Q16	23.35	23.60	23.71	23.69	23.37	24.00
		MID	Q16	23.58	23.66	23.74	23.59	23.21	24.00
		HIGH	Q16	23.50	23.51	23.71	23.64	23.35	24.00
	25	LOW	Q16	23.14	22.88	23.07	22.95	22.53	23.50
		MID	Q16	23.15	22.89	23.03	22.91	22.67	23.50
		HIGH	Q16	23.02	22.93	22.99	22.84	22.73	23.50
	50	LOW	Q16	22.99	22.96	23.15	22.98	22.58	23.50
10	1	LOW	64QAM	22.84	22.99	23.23	23.06	22.68	23.50
		MID	64QAM	23.19	23.16	23.34	23.15	22.73	23.50
		HIGH	64QAM	22.81	23.03	23.23	23.04	23.19	23.50
	25	LOW	64QAM	22.02	21.96	22.08	21.89	21.75	22.50
		MID	64QAM	21.79	21.95	22.00	21.76	21.52	22.50
		HIGH	64QAM	21.89	21.83	21.95	21.72	21.61	22.50
	50	LOW	64QAM	21.80	22.15	22.25	22.07	21.66	22.50

LTE B41-DSI3&4 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.40	23.52	23.48	22.97	24.00
		MID	QPSK	23.39	23.20	23.32	23.23	23.07	24.00
		HIGH	QPSK	23.41	23.36	23.40	23.18	23.20	24.00
	36	LOW	QPSK	23.48	23.35	23.38	23.22	23.04	24.00
		MID	QPSK	23.44	23.45	23.55	23.54	22.99	24.00
		HIGH	QPSK	23.31	23.23	23.31	23.05	23.17	24.00
	75	LOW	QPSK	23.53	23.35	23.37	23.24	23.21	24.00
15	1	LOW	Q16	23.44	23.69	23.72	23.67	23.41	24.00
		MID	Q16	23.64	23.65	23.79	23.77	23.28	24.00
		HIGH	Q16	23.51	23.53	23.72	23.60	23.35	24.00
	36	LOW	Q16	23.04	23.12	23.17	23.04	22.82	23.50
		MID	Q16	23.16	23.02	23.22	22.93	22.69	23.50
		HIGH	Q16	23.05	22.91	22.95	22.70	22.58	23.50
	75	LOW	Q16	23.10	23.04	23.17	23.08	22.55	23.50
15	1	LOW	64QAM	22.90	23.09	23.23	23.10	22.75	23.50
		MID	64QAM	22.98	23.34	23.46	23.37	22.80	23.50
		HIGH	64QAM	22.81	23.35	23.47	23.24	23.04	23.50
	36	LOW	64QAM	22.16	21.79	21.96	21.71	21.85	22.50
		MID	64QAM	22.00	21.85	22.05	22.04	21.55	22.50
		HIGH	64QAM	21.90	22.03	22.20	22.19	21.70	22.50
	75	LOW	64QAM	22.03	22.00	22.05	21.78	21.66	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.25	23.51	23.56	23.30	23.07	24.00
		MID	QPSK	23.28	23.37	23.44	23.43	23.03	24.00
		HIGH	QPSK	23.33	23.35	23.49	23.21	23.07	24.00
	50	LOW	QPSK	23.37	23.45	23.47	23.40	23.08	24.00
		MID	QPSK	23.44	23.44	23.48	23.30	23.07	24.00
		HIGH	QPSK	23.35	23.40	23.44	23.40	23.07	24.00
	100	LOW	QPSK	23.40	23.47	23.50	23.28	23.08	24.00
20	1	LOW	Q16	23.42	23.87	23.91	23.71	23.37	24.00
		MID	Q16	23.58	23.81	23.87	23.79	23.34	24.00
		HIGH	Q16	23.52	23.85	23.86	23.69	23.42	24.00
	50	LOW	Q16	23.02	22.92	23.15	22.89	22.67	23.50
		MID	Q16	23.02	22.80	23.09	22.91	22.61	23.50
		HIGH	Q16	23.01	23.04	23.06	22.81	22.62	23.50
	100	LOW	Q16	23.03	23.01	23.05	23.01	22.61	23.50
20	1	LOW	64QAM	22.79	23.18	23.27	23.25	22.75	23.50
		MID	64QAM	23.09	22.97	23.22	23.00	22.75	23.50
		HIGH	64QAM	22.96	23.36	23.42	23.15	23.04	23.50
	50	LOW	64QAM	22.04	21.80	22.07	21.89	21.70	22.50
		MID	64QAM	21.88	21.81	22.10	21.88	21.65	22.50
		HIGH	64QAM	22.03	22.09	22.09	21.90	21.73	22.50
	100	LOW	64QAM	21.95	22.08	22.15	21.90	21.51	22.50

8.4 Intra-Band Uplink CA Power

Note:

1. This device supports intra-band uplink CA of 7C/38C/41C
2. For intra-band uplink carrier aggregation power verification and measurement is selected highest PCC and SCC bandwidth combination to do and was according to 3GPP 36.521 section 6.2.2A.1 and section 6.2.2A.2 test procedure.
3. For intra-band uplink CA output power was measured high / middle / low channel combination, and for SAR verification is selected highest output power combination with each exposure condition in each frequency band using the highest SAR configuration test in standalone LTE mode.

LTE Uplink 2CA Band 7-ANT4 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	24.11	25.20
21100	21298	20	QPSK	1	High	1	Low	2	24.09	25.20
21350	21152	20	QPSK	1	Low	1	High	2	24.13	25.20

LTE Uplink 2CA Band 7-ANT4-DS1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	17.68	18.70
21100	21298	20	QPSK	1	High	1	Low	2	17.56	18.70
21350	21152	20	QPSK	1	Low	1	High	2	17.83	18.70

LTE Uplink 2CA Band 7-ANT4-DS2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	24.11	25.20
21100	21298	20	QPSK	1	High	1	Low	2	24.09	25.20
21350	21152	20	QPSK	1	Low	1	High	2	24.13	25.20

LTE Uplink 2CA Band 7-ANT4-DS3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	24.11	25.20
21100	21298	20	QPSK	1	High	1	Low	2	24.09	25.20
21350	21152	20	QPSK	1	Low	1	High	2	24.13	25.20

LTE Uplink 2CA Band 7-ANT4-DS4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	20.48	21.20
21100	21298	20	QPSK	1	High	1	Low	2	20.49	21.20
21350	21152	20	QPSK	1	Low	1	High	2	20.55	21.20

LTE Uplink 2CA_Band 7-ANT0 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	24.56	25.50
21100	21298	20	QPSK	1	High	1	Low	2	24.62	25.50
21350	21152	20	QPSK	1	Low	1	High	2	24.49	25.50

LTE Uplink 2CA_Band 7-ANT0-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	24.56	25.50
21100	21298	20	QPSK	1	High	1	Low	2	24.62	25.50
21350	21152	20	QPSK	1	Low	1	High	2	24.49	25.50

LTE Uplink 2CA_Band 7-ANT0-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	24.56	25.50
21100	21298	20	QPSK	1	High	1	Low	2	24.62	25.50
21350	21152	20	QPSK	1	Low	1	High	2	24.49	25.50

LTE Uplink 2CA_Band 7-ANT0-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	21.12	22.00
21100	21298	20	QPSK	1	High	1	Low	2	21.18	22.00
21350	21152	20	QPSK	1	Low	1	High	2	21.14	22.00

LTE Uplink 2CA_Band 7-ANT0-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	21.12	22.00
21100	21298	20	QPSK	1	High	1	Low	2	21.18	22.00
21350	21152	20	QPSK	1	Low	1	High	2	21.14	22.00

LTE Uplink 2CA_ Band 38-ANT4-Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.44	25.40
38099	37901	20	QPSK	1	Low	1	High	2	24.50	25.40
38150	37952	20	QPSK	1	Low	1	High	2	24.68	25.40

LTE Uplink 2CA_ Band 38-ANT4-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	21.45	22.40
38099	37901	20	QPSK	1	Low	1	High	2	21.58	22.40
38150	37952	20	QPSK	1	Low	1	High	2	21.56	22.40

LTE Uplink 2CA_ Band 38-ANT4-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.44	25.40
38099	37901	20	QPSK	1	Low	1	High	2	24.50	25.40
38150	37952	20	QPSK	1	Low	1	High	2	24.68	25.40

LTE Uplink 2CA_ Band 38-ANT4-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.44	25.40
38099	37901	20	QPSK	1	Low	1	High	2	24.50	25.40
38150	37952	20	QPSK	1	Low	1	High	2	24.68	25.40

LTE Uplink 2CA_ Band 38-ANT4-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.84	23.90
38099	37901	20	QPSK	1	Low	1	High	2	23.01	23.90
38150	37952	20	QPSK	1	Low	1	High	2	23.04	23.90

LTE Uplink 2CA_ Band 38-ANT0-Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.77	25.50
38099	37901	20	QPSK	1	Low	1	High	2	24.83	25.50
38150	37952	20	QPSK	1	Low	1	High	2	24.80	25.50

LTE Uplink 2CA_ Band 38-ANT0-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.77	25.50
38099	37901	20	QPSK	1	Low	1	High	2	24.83	25.50
38150	37952	20	QPSK	1	Low	1	High	2	24.80	25.50

LTE Uplink 2CA_ Band 38-ANT0-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.77	25.50
38099	37901	20	QPSK	1	Low	1	High	2	24.83	25.50
38150	37952	20	QPSK	1	Low	1	High	2	24.80	25.50

LTE Uplink 2CA_ Band 38-ANT0-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.45	23.00
38099	37901	20	QPSK	1	Low	1	High	2	22.51	23.00
38150	37952	20	QPSK	1	Low	1	High	2	22.47	23.00

LTE Uplink 2CA_ Band 38-ANT0-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.45	23.00
38099	37901	20	QPSK	1	Low	1	High	2	22.51	23.00
38150	37952	20	QPSK	1	Low	1	High	2	22.47	23.00

LTE Uplink 2CA_ Band 41-ANT4-Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	24.58	25.40
40185	40383	20	QPSK	1	High	1	Low	2	24.57	25.40
40620	40818	20	QPSK	1	High	1	Low	2	24.64	25.40
41055	40857	20	QPSK	1	High	1	Low	2	21.66	25.40
41490	41292	20	QPSK	1	Low	1	High	2	24.56	25.40

LTE Uplink 2CA_ Band 41-ANT4-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	19.45	20.40
40185	40383	20	QPSK	1	High	1	Low	2	19.58	20.40
40620	40818	20	QPSK	1	High	1	Low	2	19.60	20.40
41055	40857	20	QPSK	1	High	1	Low	2	19.62	20.40
41490	41292	20	QPSK	1	Low	1	High	2	19.55	20.40

LTE Uplink 2CA_ Band 41-ANT4-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	24.58	25.40
40185	40383	20	QPSK	1	High	1	Low	2	24.57	25.40
40620	40818	20	QPSK	1	High	1	Low	2	24.64	25.40
41055	40857	20	QPSK	1	High	1	Low	2	21.66	25.40
41490	41292	20	QPSK	1	Low	1	High	2	24.56	25.40

LTE Uplink 2CA_ Band 41-ANT4-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	24.58	25.40
40185	40383	20	QPSK	1	High	1	Low	2	24.57	25.40
40620	40818	20	QPSK	1	High	1	Low	2	24.64	25.40
41055	40857	20	QPSK	1	High	1	Low	2	21.66	25.40
41490	41292	20	QPSK	1	Low	1	High	2	24.56	25.40

LTE Uplink 2CA_ Band 41-ANT4-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.25	23.40
40185	40383	20	QPSK	1	High	1	Low	2	22.27	23.40
40620	40818	20	QPSK	1	High	1	Low	2	22.21	23.40
41055	40857	20	QPSK	1	High	1	Low	2	22.31	23.40
41490	41292	20	QPSK	1	Low	1	High	2	22.26	23.40

LTE Uplink 2CA_ Band 41-ANT0-Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	24.78	25.50
40185	40383	20	QPSK	1	High	1	Low	2	24.65	25.50
40620	40818	20	QPSK	1	High	1	Low	2	24.63	25.50
41055	40857	20	QPSK	1	High	1	Low	2	24.66	25.50
41490	41292	20	QPSK	1	Low	1	High	2	24.70	25.50

LTE Uplink 2CA_ Band 41-ANT0-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	24.78	25.50
40185	40383	20	QPSK	1	High	1	Low	2	24.65	25.50
40620	40818	20	QPSK	1	High	1	Low	2	24.63	25.50
41055	40857	20	QPSK	1	High	1	Low	2	24.66	25.50
41490	41292	20	QPSK	1	Low	1	High	2	24.70	25.50

LTE Uplink 2CA_ Band 41-ANT0-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	24.78	25.50
40185	40383	20	QPSK	1	High	1	Low	2	24.65	25.50
40620	40818	20	QPSK	1	High	1	Low	2	24.63	25.50
41055	40857	20	QPSK	1	High	1	Low	2	24.66	25.50
41490	41292	20	QPSK	1	Low	1	High	2	24.70	25.50

LTE Uplink 2CA_ Band 41-ANT0-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	23.24	24.00
40185	40383	20	QPSK	1	High	1	Low	2	23.27	24.00
40620	40818	20	QPSK	1	High	1	Low	2	23.31	24.00
41055	40857	20	QPSK	1	High	1	Low	2	23.25	24.00
41490	41292	20	QPSK	1	Low	1	High	2	23.33	24.00

LTE Uplink 2CA_ Band 41-ANT0-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	23.24	24.00
40185	40383	20	QPSK	1	High	1	Low	2	23.27	24.00
40620	40818	20	QPSK	1	High	1	Low	2	23.31	24.00
41055	40857	20	QPSK	1	High	1	Low	2	23.25	24.00
41490	41292	20	QPSK	1	Low	1	High	2	23.33	24.00

8.5 LTE Downlink CA Power

LTE Carrier Aggregation (CA) was defined in 3GPP release 10 and higher. The LTE device in CA mode has one Primary Component Carrier (PCC) and one or more Secondary Component Carriers (SCC). PCC acts as the anchor carrier and can optionally cross-schedule data transmission on SCC. The RRC connection is only handled by one cell, the PCC for downlink and uplink communications. After making a data connection to the PCC, the LTE device adds the SCC on the downlink only. All uplink communications and acknowledgements remain identical to release 8 specifications on the PCC. The combinations of downlink carrier aggregation supported by this device are listed in below.

1. This device supports carrier aggregation on uplink and downlink for inter and intra band. For the device supports combination bands and configurations are according to 3GPP and the combinations list as below table.
2. All permutations exist. No restrictions on Pcell & Scell combinations. Only LTE Band 29 and band 46 is limited to Scell.
3. The gray color table is covered by other combinations and no need to verify power.

Downlink Bandwidth Combination sets for Intra-Band CA

E-UTRA CA Configuration	
DL Intra-Band Contiguous CA	DL Intra-Band Non-Contiguous CA
CA_2C	CA_7A-7A
CA_7B	CA_66A-66A
CA_7C	CA_41A-41A
CA_66B	
CA_66C	
CA_38C	
CA_41C	

Downlink Bandwidth Combination Sets for Inter-Band CA

E-UTRA CA Configuration				
DL Inter-Band (2Bands, 2CC)	DL Inter-Band (2Bands, 3CC)	DL Inter-Band (3Bands, 3CC)	DL Inter-Band (3Bands, 4CC)	DL Inter-Band (4Bands, 4CC)
CA_2A-4A	/	/	/	/
CA_2A-5A	/	/	/	/
CA_2A-7A	/	/	/	/
CA_2A-66A				
CA_4A-5A	/	/	/	/
CA_4A-7A	/	/	/	/
CA_5A-7A	/	/	/	/

CA_5A-66A	/	/	/	/
CA_5A-41A	/	/	/	/

Power Confirmation for SAR test Exclusion for LTE Downlink CA

According to KDB 941225 D05A, the uplink maximum output power below was measured with downlink CA active on the channel with highest measured maximum output power when downlink CA is inactive. The downlink SCC channel was paired with the uplink channel as normal operation. For intra-band contiguous CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing per section 5.4.1A of 3GPP TS36.521. For intra-band non-contiguous CA, the downlink channel spacing between the component carriers was set to maximum separation from PCC and remain fully within the downlink transmission band. For Inter-band CA, the SCC downlink channel was set to near the middle of its transmission band.

EUT without Power Reduction (Full power)

Power Measurements for Intra-Band Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE	BW	UL Ch.	UL Freq.	RB Size	RB Offset	DL Ch.	DL Freq.	LTE	BW	DL	DL Freq.	Single Carrier	Tx Power
	Band	(MHz)		(MHz)				(MHz)	Band	(MHz)	Ch.	(MHz)	Tx Power	with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	24.27	23.96
7B	7	15M	21100	2535	1	37	3100	2655	7	5M	3193	2664.3	24.47	24.11
7C	7	20M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	24.89	24.25
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	24.44	23.93
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	24.37	22.91
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	24.82	24.56
41C	41	20M	40620	2593	1	99	40620	2593	41	20M	40422	2573.2	24.87	24.43

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE	BW	UL Ch.	UL Freq.	RB Size	RB Offset	DL Ch.	DL Freq.	LTE	BW	DL	DL Freq.	Single Carrier	Tx Power
	Band	(MHz)		(MHz)				(MHz)	Band	(MHz)	Ch.	(MHz)	Tx Power	with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	24.82	24.43
7B	7	15M	20825	2507.5	1	74	2825	2627.5	7	5M	2918	2636.8	24.78	24.25
7C	7	20M	20850	2510	1	99	2850	2630	7	20M	3048	2648.8	24.67	24.28
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	24.65	24.08
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	24.66	24.05
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	24.99	24.60
41C	41	20M	40620	2593	1	0	40620	2593	41	20M	40422	2573.2	25.04	24.77

Power Measurements for Intra-Band Non-Contiguous Downlink CA**Antenna 4**

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	3425	2687.5	24.89	24.28
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	24.37	24.18
41A-41A	41	20M	40620	2593	1	99	40620	2593	41	5M	39675	2498.5	24.87	24.48

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	20850	2510	1	99	2850	2630	7	5M	3425	2687.5	24.67	24.31
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	24.66	24.35
41A-41A	41	20M	40620	2593	1	0	40620	2593	41	5M	41565	2687.5	25.04	24.73

Power Measurements for Inter-Band Non-Contiguous Downlink CA**Antenna 4**

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	24.27	23.91
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	24.27	23.85
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	24.27	23.96
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	24.27	23.96
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	24.01	23.68
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	24.01	23.72
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.40	24.15
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.40	24.18
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.40	24.10

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	24.82	24.45
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	24.82	24.38

2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	24.82	24.49
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	24.82	24.41
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	24.40	24.03
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	24.40	24.11
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.65	24.24
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.65	24.19
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.65	24.26

EUT without Power Reduction (DSI 1)

Power Measurements for Intra-Band Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	19.20	19.01
7B	7	15M	20825	2507.5	1	37	2825	2627.5	7	5M	2918	2636.8	17.99	17.69
7C	7	20M	21100	2535	1	99	3100	2655	7	20M	2902	2635.2	17.90	17.73
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	19.56	19.27
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	19.50	19.25
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	21.81	24.43
41C	41	20M	40620	2593	1	99	40620	2593	41	20M	40422	2573.2	19.71	19.42

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	24.82	24.43
7B	7	15M	20825	2507.5	1	74	2825	2627.5	7	5M	2918	2636.8	24.78	24.25
7C	7	20M	20850	2510	1	99	2850	2630	7	20M	3048	2648.8	24.67	24.28
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	24.65	24.08
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	24.66	24.05
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	24.99	24.60
41C	41	20M	40620	2593	1	0	40620	2593	41	20M	40422	2573.2	25.04	24.77

Power Measurements for Intra-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	3425	2687.5	17.90	17.71
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	19.50	19.23
41A-41A	41	20M	40620	2593	1	99	40620	2593	41	5M	39675	2498.5	19.71	19.46

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active

7A-7A	7	20M	20850	2510	1	99	2850	2630	7	5M	3425	2687.5	24.67	24.31
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	24.66	24.35
41A-41A	41	20M	40620	2593	1	0	40620	2593	41	5M	41565	2687.5	25.04	24.73

Power Measurements for Inter-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	19.20	19.04
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	19.20	19.07
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	19.20	18.93
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	19.20	19.05
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	19.51	19.35
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	19.51	19.38
5A-7A	5	10M	20600	844	1	99	2600	889.0	7	20M	3100	2655	22.87	24.66
5A-66A	5	10M	20600	844	1	99	2600	889.0	66	20M	66786	2145	22.87	24.70
5A-41A	5	10M	20600	844	1	99	2600	889.0	41	20M	40620	2593	22.87	24.64

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	24.82	24.45
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	24.82	24.38
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	24.82	24.49
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	24.82	24.41
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	24.40	24.03
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	24.40	24.11
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.65	24.24
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.65	24.19
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.65	24.26

EUT without Power Reduction (DSI 2)

Power Measurements for Intra-Band Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	24.27	23.96
7B	7	15M	21100	2535	1	37	3100	2655	7	5M	3193	2664.3	24.47	24.11
7C	7	20M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	24.89	24.25
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	24.44	23.93
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	24.37	22.91
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	24.82	24.56
41C	41	20M	40620	2593	1	99	40620	2593	41	20M	40422	2573.2	24.87	24.43

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	24.82	24.43
7B	7	15M	20825	2507.5	1	74	2825	2627.5	7	5M	2918	2636.8	24.78	24.25
7C	7	20M	20850	2510	1	99	2850	2630	7	20M	3048	2648.8	24.67	24.28
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	24.65	24.08
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	24.66	24.05
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	24.99	24.60
41C	41	20M	40620	2593	1	0	40620	2593	41	20M	40422	2573.2	25.04	24.77

Power Measurements for Intra-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	3425	2687.5	24.89	24.28
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	24.37	24.18
41A-41A	41	20M	40620	2593	1	99	40620	2593	41	5M	39675	2498.5	24.87	24.48

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active

7A-7A	7	20M	20850	2510	1	99	2850	2630	7	5M	3425	2687.5	24.67	24.31
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	24.66	24.35
41A-41A	41	20M	40620	2593	1	0	40620	2593	41	5M	41565	2687.5	25.04	24.73

Power Measurements for Inter-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	24.27	23.91
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	24.27	23.85
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	24.27	23.96
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	24.27	23.96
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	24.01	23.68
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	24.01	23.72
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.40	24.15
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.40	24.18
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.40	24.10

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	24.82	24.45
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	24.82	24.38
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	24.82	24.49
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	24.82	24.41
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	24.40	24.03
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	24.40	24.11
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.65	24.24
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.65	24.19
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.65	24.26

EUT without Power Reduction (DSI 3)

Power Measurements for Intra-Band Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	24.27	23.96
7B	7	15M	21100	2535	1	37	3100	2655	7	5M	3193	2664.3	24.47	24.11
7C	7	20M	21100	2535	1	49	3100	2655	7	20M	2902	2635.2	24.89	24.25
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	24.44	23.93
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	24.37	22.91
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	24.82	24.56
41C	41	20M	40620	2593	1	99	40620	2593	41	20M	40422	2573.2	24.87	24.43

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	21.73	21.48
7B	7	15M	20825	2507.5	1	37	2825	2627.5	7	5M	2918	2636.8	21.36	21.10
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	3048	2648.8	21.28	21.08
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	20.09	19.90
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	19.95	19.82
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	22.44	22.21
41C	41	20M	40620	2593	1	0	40620	2593	41	20M	40422	2573.2	23.63	23.40

Power Measurements for Intra-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	49	3100	2655	7	5M	3425	2687.5	24.89	24.28
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	24.37	24.18
41A-41A	41	20M	40620	2593	1	99	40620	2593	41	5M	39675	2498.5	24.87	24.48

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active

7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	3425	2687.5	21.28	21.04
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	19.95	19.79
41A-41A	41	20M	40620	2593	1	0	40620	2593	41	5M	41565	2687.5	23.63	23.38

Power Measurements for Inter-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	24.27	23.91
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	24.27	23.85
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	24.27	23.96
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	24.27	23.96
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	24.01	23.68
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	24.01	23.72
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.40	24.15
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.40	24.18
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.40	24.10

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	21.73	21.51
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	21.73	21.44
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	21.73	21.45
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	21.73	21.50
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	20.94	20.69
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	20.94	20.73
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.65	24.24
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.65	24.19
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.65	24.26

EUT without Power Reduction (DSI 4)

Power Measurements for Intra-Band Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	21.23	21.07
7B	7	15M	21100	2535	1	37	3100	2655	7	5M	3193	2664.3	20.61	20.38
7C	7	20M	20850	2510	1	99	2850	2630	7	20M	3048	2648.8	20.60	20.34
66B	66	10M	132022	1715	1	24	66486	2115	66	10M	66579	2124.3	20.98	20.76
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	21.01	20.78
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	23.16	22.91
41C	41	20M	40620	2593	1	99	40620	2593	41	20M	40422	2573.2	22.71	22.45

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2C	2	20M	18900	1880	1	49	900	1960	2	20M	702	1940.2	21.73	21.48
7B	7	15M	20825	2507.5	1	37	2825	2627.5	7	5M	2918	2636.8	21.36	21.10
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	3048	2648.8	21.28	21.08
66B	66	10M	132622	1775	1	99	67086	2175	66	10M	66993	2165.7	20.09	19.90
66C	66	20M	132572	1770	1	99	67036	2170	66	20M	66838	2150.2	19.95	19.82
38C	38	20M	38150	2610	1	0	38150	2610	38	20M	37952	2590.2	22.44	22.21
41C	41	20M	40620	2593	1	0	40620	2593	41	20M	40422	2573.2	23.63	23.40

Power Measurements for Intra-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	20850	2510	1	99	2850	2630	7	5M	3425	2687.5	20.60	20.39
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	21.01	20.75
41A-41A	41	20M	40620	2593	1	99	40620	2593	41	5M	39675	2498.5	22.71	22.48

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active

7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	3425	2687.5	21.28	21.04
66A-66A	66	20M	132572	1770	1	99	67036	2170	66	5M	66461	2112.5	19.95	19.79
41A-41A	41	20M	40620	2593	1	0	40620	2593	41	5M	41565	2687.5	23.63	23.38

Power Measurements for Inter-Band Non-Contiguous Downlink CA

Antenna 4

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	21.23	21.03
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	21.23	21.08
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	21.23	21.02
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	21.23	21.10
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	19.51	19.35
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	19.51	19.38
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.40	24.15
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.40	24.18
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.40	24.10

Antenna 0

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-4A	2	20M	18900	1880	1	49	900	1960	4	20M	2175	2132.5	21.73	21.51
2A-5A	2	20M	18900	1880	1	49	900	1960	5	10M	2525	881.5	21.73	21.44
2A-7A	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	21.73	21.45
2A-66A	2	20M	18900	1880	1	49	900	1960	66	20M	66786	2145	21.73	21.50
4A-5A	4	20M	20175	1732.5	1	0	2175	2132.5	5	10M	2525	881.5	20.94	20.69
4A-7A	4	20M	20175	1732.5	1	0	2175	2132.5	7	20M	3100	2655	20.94	20.73
5A-7A	5	10M	20600	844	1	49	2600	889.0	7	20M	3100	2655	24.65	24.24
5A-66A	5	10M	20600	844	1	49	2600	889.0	66	20M	66786	2145	24.65	24.19
5A-41A	5	10M	20600	844	1	49	2600	889.0	41	20M	40620	2593	24.65	24.26

Summary for SAR Test Exclusion for LTE Downlink CA

Per power confirmation results in above, the uplink maximum output power with downlink CA active remains within the specified tune-up tolerance and not more than 0.25 dB higher than the maximum output power with downlink CA inactive.

According to KDB 941225 D05A, the SAR test exclusion applies to LTE downlink CA operation.