

8 CONDUCTED RF OUTPUT POWER

8.1	GSM Output Power
8.2	WCDMA Output Power
8.3	LTE Output Power
8.3.1	LTE Band2 Output Power
8.3.2	LTE Band4 Output Power
8.3.3	LTE Band5 Output Power
8.3.4	LTE Band7 Output Power
8.3.5	LTE Band12 Output Power
8.3.6	LTE Band13 Output Power
8.3.7	LTE Band17 Output Power
8.3.8	LTE Band26 Output Power
8.3.9	LTE Band66 Output Power
8.3.10	LTE Band38 Output Power
8.3.11	LTE Band41 Output Power
8.4	Intra-Band Uplink CA Power
8.4.1	LTE Band7 Uplink CA Output Power
8.4.2	LTE Band38 Uplink CA Output Power
8.4.3	LTE Band41 Uplink CA Output Power

8.1 GSM Output Power

GSM-Full Power-Ant.4									
GSM850 Band	Burst Average Power(dBm)			Tune-up	Division	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	Factors	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.70	32.87	32.90	34.00	9.19	23.51	23.68	23.71	24.81
GPRS (GMSK, 1-Slot)	32.72	32.85	32.89	34.00	9.19	23.53	23.66	23.70	24.81
GPRS (GMSK, 2-Slots)	31.64	31.84	31.84	32.50	6.13	25.51	25.71	25.71	26.37
GPRS (GMSK, 3-Slots)	29.58	29.69	29.75	30.50	4.42	25.16	25.27	25.33	26.08
GPRS (GMSK, 4-Slots)	28.49	28.62	28.66	29.50	3.18	25.31	25.44	25.48	26.32
EGPRS (8PSK, 1-Slot)	26.77	27.09	27.08	28.00	9.19	17.58	17.90	17.89	18.81
EGPRS (8PSK, 2-Slots)	25.97	26.08	26.14	27.00	6.13	19.84	19.95	20.01	20.87
EGPRS (8PSK, 3-Slots)	23.95	24.03	24.11	25.00	4.42	19.53	19.61	19.69	20.58
EGPRS (8PSK, 4-Slots)	22.55	22.41	22.45	24.00	3.18	19.37	19.23	19.27	20.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Division	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	Factors	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.68	29.73	29.78	31.00	9.19	20.49	20.54	20.59	21.81
GPRS (GMSK, 1-Slot)	29.66	29.70	29.76	31.00	9.19	20.47	20.51	20.57	21.81
GPRS (GMSK, 2-Slots)	28.64	28.75	28.75	30.00	6.13	22.51	22.62	22.62	23.87
GPRS (GMSK, 3-Slots)	26.59	26.59	26.69	28.00	4.42	22.17	22.17	22.27	23.58
GPRS (GMSK, 4-Slots)	25.45	25.47	25.59	27.00	3.18	22.27	22.29	22.41	23.82
EGPRS (8PSK, 1-Slot)	26.01	25.60	25.66	27.50	9.19	16.82	16.41	16.47	18.31
EGPRS (8PSK, 2-Slots)	24.71	24.54	24.63	26.50	6.13	18.58	18.41	18.50	20.37
EGPRS (8PSK, 3-Slots)	22.69	22.54	22.66	24.50	4.42	18.27	18.12	18.24	20.08
EGPRS (8PSK, 4-Slots)	21.12	21.08	21.06	23.00	3.18	17.94	17.90	17.88	19.82

GSM-DSI_1-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)	32.18	32.39	32.53	33.00	22.99	23.20	23.34	23.81
GPRS (GMSK, 1-Slot)	32.18	32.37	32.51	33.00	22.99	23.18	23.32	23.81
GPRS (GMSK, 2-Slots)	32.11	32.41	32.41	32.50	25.98	26.28	26.28	26.37
GPRS (GMSK, 3-Slots)	30.02	30.30	30.36	30.50	25.60	25.88	25.94	26.08
GPRS (GMSK, 4-Slots)	28.91	29.12	29.27	29.50	25.73	25.94	26.09	26.32
EGPRS (8PSK, 1-Slot)	26.62	26.71	26.92	27.00	17.43	17.52	17.73	17.81
EGPRS (8PSK, 2-Slots)	26.47	26.44	26.78	27.00	20.34	20.31	20.65	20.87
EGPRS (8PSK, 3-Slots)	24.33	24.36	24.74	25.00	19.91	19.94	20.32	20.58
EGPRS (8PSK, 4-Slots)	23.08	23.22	23.57	24.00	19.90	20.04	20.39	20.82
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)	27.97	28.01	28.01	29.00	18.78	18.82	18.82	19.81
GPRS (GMSK, 1-Slot)	27.94	27.98	28.02	29.00	18.75	18.79	18.83	19.81
GPRS (GMSK, 2-Slots)	26.95	26.99	26.98	28.00	20.82	20.86	20.85	21.87
GPRS (GMSK, 3-Slots)	24.87	24.91	24.99	26.00	20.45	20.49	20.57	21.58
GPRS (GMSK, 4-Slots)	23.74	23.78	23.88	25.00	20.56	20.60	20.70	21.82
EGPRS (8PSK, 1-Slot)	23.96	24.09	24.05	25.50	14.77	14.90	14.86	16.31
EGPRS (8PSK, 2-Slots)	22.73	22.78	22.94	24.50	16.60	16.65	16.81	18.37
EGPRS (8PSK, 3-Slots)	20.28	20.16	20.02	22.00	15.86	15.74	15.60	17.58
EGPRS (8PSK, 4-Slots)	18.87	18.83	18.57	20.00	15.69	15.65	15.39	16.82

GSM-DSI_4-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)	32.70	32.87	32.90	34.00	23.51	23.68	23.71	24.81
GPRS (GMSK, 1-Slot)	32.72	32.85	32.89	34.00	23.53	23.66	23.70	24.81
GPRS (GMSK, 2-Slots)	31.64	31.84	31.84	32.50	25.51	25.71	25.71	26.37
GPRS (GMSK, 3-Slots)	29.58	29.69	29.75	30.50	25.16	25.27	25.33	26.08
GPRS (GMSK, 4-Slots)	28.49	28.62	28.66	29.50	25.31	25.44	25.48	26.32
EGPRS (8PSK, 1-Slot)	26.77	27.09	27.08	28.00	17.58	17.90	17.89	18.81
EGPRS (8PSK, 2-Slots)	25.97	26.08	26.14	27.00	19.84	19.95	20.01	20.87
EGPRS (8PSK, 3-Slots)	23.95	24.03	24.11	25.00	19.53	19.61	19.69	20.58
EGPRS (8PSK, 4-Slots)	22.55	22.41	22.45	24.00	19.37	19.23	19.27	20.82
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)	29.45	29.42	29.44	30.00	20.26	20.23	20.25	20.81
GPRS (GMSK, 1-Slot)	29.44	29.40	29.43	30.00	20.25	20.21	20.24	20.81
GPRS (GMSK, 2-Slots)	29.34	29.35	29.35	30.00	23.21	23.22	23.22	23.87
GPRS (GMSK, 3-Slots)	27.30	27.25	27.30	28.00	22.88	22.83	22.88	23.58
GPRS (GMSK, 4-Slots)	26.19	26.12	26.19	27.00	23.01	22.94	23.01	23.82
EGPRS (8PSK, 1-Slot)	25.72	25.69	25.49	26.50	16.53	16.50	16.30	17.31
EGPRS (8PSK, 2-Slots)	25.32	25.24	25.12	25.50	19.19	19.11	18.99	19.37
EGPRS (8PSK, 3-Slots)	23.19	22.94	22.92	23.50	18.77	18.52	18.50	19.08
EGPRS (8PSK, 4-Slots)	21.78	21.64	21.56	22.00	18.60	18.46	18.38	18.82

GSM-Full Power-Ant.0									
GSM850 Band	Burst Average Power(dBm)			Tune-up	Division	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	Factors	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	33.26	33.38	33.38	34.00	9.19	24.07	24.19	24.19	24.81
GPRS (GMSK, 1-Slot)	33.24	33.35	33.35	34.00	9.19	24.05	24.16	24.16	24.81
GPRS (GMSK, 2-Slots)	32.22	32.34	32.34	32.50	6.13	26.09	26.21	26.21	26.37
GPRS (GMSK, 3-Slots)	30.16	30.26	30.29	30.50	4.42	25.74	25.84	25.87	26.08
GPRS (GMSK, 4-Slots)	29.04	29.18	29.20	29.50	3.18	25.86	26.00	26.02	26.32
EGPRS (8PSK, 1-Slot)	27.54	27.59	27.58	28.00	9.19	18.35	18.40	18.39	18.81
EGPRS (8PSK, 2-Slots)	26.22	26.30	26.42	27.00	6.13	20.09	20.17	20.29	20.87
EGPRS (8PSK, 3-Slots)	23.89	24.05	24.17	25.00	4.42	19.47	19.63	19.75	20.58
EGPRS (8PSK, 4-Slots)	22.69	22.78	22.69	24.00	3.18	19.51	19.60	19.51	20.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Division	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	Factors	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.55	30.52	30.46	31.00	9.19	21.36	21.33	21.27	21.81
GPRS (GMSK, 1-Slot)	30.53	30.49	30.44	31.00	9.19	21.34	21.30	21.25	21.81
GPRS (GMSK, 2-Slots)	29.52	29.52	29.47	30.00	6.13	23.39	23.39	23.34	23.87
GPRS (GMSK, 3-Slots)	27.48	27.44	27.45	28.00	4.42	23.06	23.02	23.03	23.58
GPRS (GMSK, 4-Slots)	26.35	26.34	26.37	27.00	3.18	23.17	23.16	23.19	23.82
EGPRS (8PSK, 1-Slot)	26.76	26.67	26.75	27.50	9.19	17.57	17.48	17.56	18.31
EGPRS (8PSK, 2-Slots)	25.62	25.48	25.53	26.50	6.13	19.49	19.35	19.40	20.37
EGPRS (8PSK, 3-Slots)	23.26	23.15	22.98	24.50	4.42	18.84	18.73	18.56	20.08
EGPRS (8PSK, 4-Slots)	21.90	22.18	21.69	23.00	3.18	18.72	19.00	18.51	19.82

GSM-DSI_1-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)	33.26	33.38	33.38	34.00	24.07	24.19	24.19	24.81
GPRS (GMSK, 1-Slot)	33.24	33.35	33.35	34.00	24.05	24.16	24.16	24.81
GPRS (GMSK, 2-Slots)	32.22	32.34	32.34	32.50	26.09	26.21	26.21	26.37
GPRS (GMSK, 3-Slots)	30.16	30.26	30.29	30.50	25.74	25.84	25.87	26.08
GPRS (GMSK, 4-Slots)	29.04	29.18	29.20	29.50	25.86	26.00	26.02	26.32
EGPRS (8PSK, 1-Slot)	27.54	27.59	27.58	28.00	18.35	18.40	18.39	18.81
EGPRS (8PSK, 2-Slots)	26.22	26.30	26.42	27.00	20.09	20.17	20.29	20.87
EGPRS (8PSK, 3-Slots)	23.89	24.05	24.17	25.00	19.47	19.63	19.75	20.58
EGPRS (8PSK, 4-Slots)	22.69	22.78	22.69	24.00	19.51	19.60	19.51	20.82
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)	30.55	30.52	30.46	31.00	21.36	21.33	21.27	21.81
GPRS (GMSK, 1-Slot)	30.53	30.49	30.44	31.00	21.34	21.30	21.25	21.81
GPRS (GMSK, 2-Slots)	29.52	29.52	29.47	30.00	23.39	23.39	23.34	23.87
GPRS (GMSK, 3-Slots)	27.48	27.44	27.45	28.00	23.06	23.02	23.03	23.58
GPRS (GMSK, 4-Slots)	26.35	26.34	26.37	27.00	23.17	23.16	23.19	23.82
EGPRS (8PSK, 1-Slot)	26.76	26.67	26.75	27.50	17.57	17.48	17.56	18.31
EGPRS (8PSK, 2-Slots)	25.62	25.48	25.53	26.50	19.49	19.35	19.40	20.37
EGPRS (8PSK, 3-Slots)	23.26	23.15	22.98	24.50	18.84	18.73	18.56	20.08
EGPRS (8PSK, 4-Slots)	21.90	22.18	21.69	23.00	18.72	19.00	18.51	19.82

GSM-DSI_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)	33.26	33.38	33.38	34.00	24.07	24.19	24.19	24.81
GPRS (GMSK, 1-Slot)	33.24	33.35	33.35	34.00	24.05	24.16	24.16	24.81
GPRS (GMSK, 2-Slots)	32.22	32.34	32.34	32.50	26.09	26.21	26.21	26.37
GPRS (GMSK, 3-Slots)	30.16	30.26	30.29	30.50	25.74	25.84	25.87	26.08
GPRS (GMSK, 4-Slots)	29.04	29.18	29.20	29.50	25.86	26.00	26.02	26.32
EGPRS (8PSK, 1-Slot)	27.54	27.59	27.58	28.00	18.35	18.40	18.39	18.81
EGPRS (8PSK, 2-Slots)	26.22	26.30	26.42	27.00	20.09	20.17	20.29	20.87
EGPRS (8PSK, 3-Slots)	23.89	24.05	24.17	25.00	19.47	19.63	19.75	20.58
EGPRS (8PSK, 4-Slots)	22.69	22.78	22.69	24.00	19.51	19.60	19.51	20.82
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)	30.55	30.52	30.46	31.00	21.36	21.33	21.27	21.81
GPRS (GMSK, 1-Slot)	30.53	30.49	30.44	31.00	21.34	21.30	21.25	21.81
GPRS (GMSK, 2-Slots)	29.52	29.52	29.47	30.00	23.39	23.39	23.34	23.87
GPRS (GMSK, 3-Slots)	27.48	27.44	27.45	28.00	23.06	23.02	23.03	23.58
GPRS (GMSK, 4-Slots)	26.35	26.34	26.37	27.00	23.17	23.16	23.19	23.82
EGPRS (8PSK, 1-Slot)	26.76	26.67	26.75	27.50	17.57	17.48	17.56	18.31
EGPRS (8PSK, 2-Slots)	25.62	25.48	25.53	26.50	19.49	19.35	19.40	20.37
EGPRS (8PSK, 3-Slots)	23.26	23.15	22.98	24.50	18.84	18.73	18.56	20.08
EGPRS (8PSK, 4-Slots)	21.90	22.18	21.69	23.00	18.72	19.00	18.51	19.82

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	
RMC 12.2Kbps	23.54	23.84	23.52	25.50
AMR 12.2Kbps	23.55	23.77	23.34	25.50
HSDPA Subtest-1	22.47	22.61	22.56	24.50
HSDPA Subtest-2	22.54	22.64	22.57	24.50
HSDPA Subtest-3	22.04	22.14	22.03	24.00
HSDPA Subtest-4	22.02	22.08	22.16	24.00
DC-HSDPA Subtest-1	22.76	22.75	22.45	24.50
DC-HSDPA Subtest-2	22.60	22.77	22.64	24.50
DC-HSDPA Subtest-3	22.29	21.93	22.21	24.00
DC-HSDPA Subtest-4	22.00	21.98	22.17	24.00
HSUPA Subtest-1	20.23	20.40	20.34	22.50
HSUPA Subtest-2	20.53	20.60	20.60	22.50
HSUPA Subtest-3	21.85	21.70	21.57	23.50
HSUPA Subtest-4	20.03	20.12	20.06	22.00
HSUPA Subtest-5	21.62	21.63	21.64	23.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.60	24.75	24.75	25.50
AMR 12.2Kbps	24.45	24.63	24.55	25.50
HSDPA Subtest-1	23.60	23.64	23.70	24.50
HSDPA Subtest-2	23.73	23.69	23.64	24.50
HSDPA Subtest-3	23.33	23.14	23.09	24.00
HSDPA Subtest-4	23.21	23.33	23.16	24.00
DC-HSDPA Subtest-1	23.62	23.71	23.60	24.50
DC-HSDPA Subtest-2	23.64	23.73	23.65	24.50
DC-HSDPA Subtest-3	23.23	23.18	23.08	24.00
DC-HSDPA Subtest-4	23.20	23.22	23.13	24.00
HSUPA Subtest-1	21.45	21.60	21.58	23.00
HSUPA Subtest-2	21.32	21.29	21.33	23.00
HSUPA Subtest-3	22.70	22.70	22.57	23.50
HSUPA Subtest-4	21.43	21.19	21.28	22.00
HSUPA Subtest-5	22.73	22.79	22.62	23.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.95	23.99	23.99	25.50
AMR 12.2Kbps	23.91	23.82	23.90	25.50
HSDPA Subtest-1	22.91	22.95	22.99	24.50
HSDPA Subtest-2	23.03	22.94	23.01	24.50
HSDPA Subtest-3	22.42	22.45	22.33	24.00
HSDPA Subtest-4	22.30	22.43	22.40	24.00
DC-HSDPA Subtest-1	22.99	22.92	23.09	24.50
DC-HSDPA Subtest-2	22.95	22.75	23.00	24.50
DC-HSDPA Subtest-3	22.40	22.53	22.39	24.00
DC-HSDPA Subtest-4	22.54	22.34	22.34	24.00
HSUPA Subtest-1	21.23	21.21	21.08	23.00
HSUPA Subtest-2	20.86	20.96	20.85	22.50
HSUPA Subtest-3	21.87	21.93	21.95	23.50
HSUPA Subtest-4	20.54	20.46	20.43	22.00
HSUPA Subtest-5	21.87	21.86	21.94	23.50

WCDMA-DSI_1 -Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	18.80	18.96	18.85	20.00
AMR 12.2Kbps	18.87	18.93	18.86	20.00
HSDPA Subtest-1	18.70	18.85	18.83	19.00
HSDPA Subtest-2	18.72	18.79	18.72	19.00
HSDPA Subtest-3	18.15	18.29	18.21	19.00
HSDPA Subtest-4	18.07	18.22	18.23	19.00
DC-HSDPA Subtest-1	18.90	18.78	18.84	19.00
DC-HSDPA Subtest-2	18.81	18.94	18.63	19.00
DC-HSDPA Subtest-3	18.39	18.25	18.27	19.00
DC-HSDPA Subtest-4	18.33	18.10	18.34	19.00
HSUPA Subtest-1	17.57	17.47	17.42	18.00
HSUPA Subtest-2	17.83	17.81	17.68	18.00
HSUPA Subtest-3	18.85	18.71	18.79	19.00
HSUPA Subtest-4	17.43	17.27	17.16	18.00
HSUPA Subtest-5	18.86	18.76	18.81	19.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	19.24	19.53	19.36	20.00
AMR 12.2Kbps	19.19	19.50	19.24	20.00
HSDPA Subtest-1	19.50	19.54	19.47	20.00
HSDPA Subtest-2	19.37	19.46	19.36	20.00
HSDPA Subtest-3	18.80	18.93	19.05	19.50
HSDPA Subtest-4	18.80	18.93	19.05	19.50
DC-HSDPA Subtest-1	19.44	19.58	19.61	20.00
DC-HSDPA Subtest-2	19.33	19.32	19.59	20.00
DC-HSDPA Subtest-3	18.99	18.90	18.88	19.50
DC-HSDPA Subtest-4	18.95	19.06	18.85	19.50
HSUPA Subtest-1	18.20	18.26	18.12	19.00
HSUPA Subtest-2	18.52	18.50	18.38	19.00
HSUPA Subtest-3	19.36	19.51	19.64	20.00
HSUPA Subtest-4	18.01	18.02	18.03	18.50
HSUPA Subtest-5	19.54	19.49	19.37	20.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	21.63	21.84	21.83	23.00
AMR 12.2Kbps	21.63	21.65	21.67	23.00
HSDPA Subtest-1	21.84	21.82	21.69	23.00
HSDPA Subtest-2	21.85	21.82	21.79	23.00
HSDPA Subtest-3	21.46	21.38	21.48	22.50
HSDPA Subtest-4	21.11	21.18	21.25	22.50
DC-HSDPA Subtest-1	21.77	21.73	21.65	23.00
DC-HSDPA Subtest-2	21.75	21.74	21.68	23.00
DC-HSDPA Subtest-3	21.41	21.44	21.42	22.50
DC-HSDPA Subtest-4	21.30	21.20	21.08	22.50
HSUPA Subtest-1	20.60	20.74	20.69	22.00
HSUPA Subtest-2	20.74	20.77	20.80	22.00
HSUPA Subtest-3	21.86	21.76	21.84	23.00
HSUPA Subtest-4	20.24	20.32	20.43	21.50
HSUPA Subtest-5	21.63	21.79	21.73	23.00

WCDMA-DSI_4 -Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	18.80	18.96	18.85	20.00
AMR 12.2Kbps	18.87	18.93	18.86	20.00
HSDPA Subtest-1	18.70	18.85	18.83	19.00
HSDPA Subtest-2	18.72	18.79	18.72	19.00
HSDPA Subtest-3	18.15	18.29	18.21	19.00
HSDPA Subtest-4	18.07	18.22	18.23	19.00
DC-HSDPA Subtest-1	18.90	18.78	18.84	19.00
DC-HSDPA Subtest-2	18.81	18.94	18.63	19.00
DC-HSDPA Subtest-3	18.39	18.25	18.27	19.00
DC-HSDPA Subtest-4	18.33	18.10	18.34	19.00
HSUPA Subtest-1	17.57	17.47	17.42	18.00
HSUPA Subtest-2	17.83	17.81	17.68	18.00
HSUPA Subtest-3	18.85	18.71	18.79	19.00
HSUPA Subtest-4	17.43	17.27	17.16	18.00
HSUPA Subtest-5	18.86	18.76	18.81	19.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	19.65	19.8	19.65	20.50
AMR 12.2Kbps	19.47	19.73	19.54	20.50
HSDPA Subtest-1	19.91	19.86	19.88	20.50
HSDPA Subtest-2	19.87	19.80	19.79	20.50
HSDPA Subtest-3	19.24	19.37	19.44	20.00
HSDPA Subtest-4	19.21	19.22	19.29	20.00
DC-HSDPA Subtest-1	19.97	19.85	19.91	20.50
DC-HSDPA Subtest-2	19.86	19.96	19.65	20.50
DC-HSDPA Subtest-3	19.27	19.34	19.46	20.00
DC-HSDPA Subtest-4	19.20	19.22	19.11	20.00
HSUPA Subtest-1	18.78	18.88	18.98	19.50
HSUPA Subtest-2	18.92	18.87	18.81	19.50
HSUPA Subtest-3	20.03	19.88	19.80	20.50
HSUPA Subtest-4	18.33	18.40	18.42	19.00
HSUPA Subtest-5	19.81	19.91	19.82	20.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.04	23.05	23.05	24.50
AMR 12.2Kbps	23.02	23.07	23.09	24.50
HSDPA Subtest-1	23.14	23.12	22.76	24.50
HSDPA Subtest-2	23.20	23.14	22.96	24.50
HSDPA Subtest-3	22.59	22.63	22.53	24.00
HSDPA Subtest-4	22.77	22.69	22.74	24.00
DC-HSDPA Subtest-1	23.17	23.02	23.04	24.50
DC-HSDPA Subtest-2	23.25	23.07	23.09	24.50
DC-HSDPA Subtest-3	22.57	22.59	22.55	24.00
DC-HSDPA Subtest-4	22.74	22.51	22.46	24.00
HSUPA Subtest-1	21.09	21.06	21.11	22.00
HSUPA Subtest-2	20.77	20.74	20.75	22.00
HSUPA Subtest-3	21.84	21.83	21.82	23.50
HSUPA Subtest-4	20.62	20.72	20.68	22.00
HSUPA Subtest-5	21.87	21.85	21.81	23.50

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	24.61	24.59	24.60	25.50
AMR 12.2Kbps	24.45	24.52	24.53	25.50
HSDPA Subtest-1	23.64	23.53	23.56	24.50
HSDPA Subtest-2	23.44	23.50	23.59	24.50
HSDPA Subtest-3	23.14	23.07	23.10	24.00
HSDPA Subtest-4	23.05	23.09	22.85	24.00
DC-HSDPA Subtest-1	23.58	23.48	23.57	24.50
DC-HSDPA Subtest-2	23.67	23.44	23.52	24.50
DC-HSDPA Subtest-3	22.95	23.11	23.06	24.00
DC-HSDPA Subtest-4	23.07	23.15	22.90	24.00
HSUPA Subtest-1	21.26	21.35	21.16	22.00
HSUPA Subtest-2	21.56	21.60	21.47	22.50
HSUPA Subtest-3	22.45	22.60	22.68	23.50
HSUPA Subtest-4	21.01	21.07	21.12	22.00
HSUPA Subtest-5	22.45	22.54	22.68	23.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.86	24.92	24.92	25.50
AMR 12.2Kbps	24.78	24.85	24.95	25.50
HSDPA Subtest-1	24.02	23.95	24.03	24.50
HSDPA Subtest-2	23.91	23.86	23.97	24.50
HSDPA Subtest-3	23.52	23.44	23.43	24.00
HSDPA Subtest-4	23.56	23.46	23.46	24.00
DC-HSDPA Subtest-1	23.95	23.93	23.95	24.50
DC-HSDPA Subtest-2	23.79	23.80	23.96	24.50
DC-HSDPA Subtest-3	23.37	23.43	23.41	24.00
DC-HSDPA Subtest-4	23.25	23.39	23.38	24.00
HSUPA Subtest-1	21.76	21.72	21.82	22.50
HSUPA Subtest-2	21.92	22.03	22.03	23.00
HSUPA Subtest-3	22.89	22.99	23.01	23.50
HSUPA Subtest-4	21.44	21.42	21.66	22.00
HSUPA Subtest-5	22.86	22.91	23.01	23.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.66	24.66	24.61	25.50
AMR 12.2Kbps	24.63	24.61	24.52	25.50
HSDPA Subtest-1	23.47	23.58	23.59	24.50
HSDPA Subtest-2	23.67	23.53	23.42	24.50
HSDPA Subtest-3	23.14	23.12	23.18	24.00
HSDPA Subtest-4	23.25	23.10	23.10	24.00
DC-HSDPA Subtest-1	23.57	23.57	23.44	24.50
DC-HSDPA Subtest-2	23.52	23.42	23.63	24.50
DC-HSDPA Subtest-3	23.06	22.98	23.09	24.00
DC-HSDPA Subtest-4	23.02	23.11	23.23	24.00
HSUPA Subtest-1	21.98	21.96	21.97	22.50
HSUPA Subtest-2	21.66	21.59	21.62	22.50
HSUPA Subtest-3	22.59	22.63	22.65	23.50
HSUPA Subtest-4	21.02	21.11	21.05	22.00
HSUPA Subtest-5	22.50	22.59	22.48	23.50

WCDMA-DSI_1-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	24.61	24.59	24.60	25.50
AMR 12.2Kbps	24.45	24.52	24.53	25.50
HSDPA Subtest-1	23.64	23.53	23.56	24.50
HSDPA Subtest-2	23.44	23.50	23.59	24.50
HSDPA Subtest-3	23.14	23.07	23.10	24.00
HSDPA Subtest-4	23.05	23.09	22.85	24.00
DC-HSDPA Subtest-1	23.58	23.48	23.57	24.50
DC-HSDPA Subtest-2	23.67	23.44	23.52	24.50
DC-HSDPA Subtest-3	22.95	23.11	23.06	24.00
DC-HSDPA Subtest-4	23.07	23.15	22.90	24.00
HSUPA Subtest-1	21.26	21.35	21.16	22.00
HSUPA Subtest-2	21.56	21.60	21.47	22.50
HSUPA Subtest-3	22.45	22.60	22.68	23.50
HSUPA Subtest-4	21.01	21.07	21.12	22.00
HSUPA Subtest-5	22.45	22.54	22.68	23.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.86	24.92	24.92	25.50
AMR 12.2Kbps	24.78	24.85	24.95	25.50
HSDPA Subtest-1	24.02	23.95	24.03	25.00
HSDPA Subtest-2	23.91	23.86	23.97	25.00
HSDPA Subtest-3	23.52	23.44	23.43	24.50
HSDPA Subtest-4	23.56	23.46	23.46	24.50
DC-HSDPA Subtest-1	23.95	23.93	23.95	25.00
DC-HSDPA Subtest-2	23.79	23.80	23.96	25.00
DC-HSDPA Subtest-3	23.37	23.43	23.41	24.50
DC-HSDPA Subtest-4	23.25	23.39	23.38	24.50
HSUPA Subtest-1	21.76	21.72	21.82	22.50
HSUPA Subtest-2	21.92	22.03	22.03	23.00
HSUPA Subtest-3	22.89	22.99	23.01	24.00
HSUPA Subtest-4	21.44	21.42	21.66	22.50
HSUPA Subtest-5	22.86	22.91	23.01	24.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.66	24.66	24.61	25.50
AMR 12.2Kbps	24.63	24.61	24.52	25.50
HSDPA Subtest-1	23.47	23.58	23.59	24.50
HSDPA Subtest-2	23.67	23.53	23.42	24.50
HSDPA Subtest-3	23.14	23.12	23.18	24.00
HSDPA Subtest-4	23.25	23.10	23.10	24.00
DC-HSDPA Subtest-1	23.57	23.57	23.44	24.50
DC-HSDPA Subtest-2	23.52	23.42	23.63	24.50
DC-HSDPA Subtest-3	23.06	22.98	23.09	24.00
DC-HSDPA Subtest-4	23.02	23.11	23.23	24.00
HSUPA Subtest-1	21.98	21.96	21.97	22.50
HSUPA Subtest-2	21.66	21.59	21.62	22.50
HSUPA Subtest-3	22.59	22.63	22.65	23.50
HSUPA Subtest-4	21.02	21.11	21.05	22.00
HSUPA Subtest-5	22.50	22.59	22.48	23.50

WCDMA-DSI_4-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	21.09	21.11	21.06	22.00
AMR 12.2Kbps	21.00	20.94	20.97	22.00
HSDPA Subtest-1	20.00	20.15	20.03	21.00
HSDPA Subtest-2	20.33	20.10	20.21	21.00
HSDPA Subtest-3	19.65	19.67	19.79	20.50
HSDPA Subtest-4	19.49	19.62	19.60	20.50
DC-HSDPA Subtest-1	20.01	20.13	20.01	21.00
DC-HSDPA Subtest-2	20.25	20.12	20.11	21.00
DC-HSDPA Subtest-3	19.75	19.65	19.62	20.50
DC-HSDPA Subtest-4	19.61	19.55	19.78	20.50
HSUPA Subtest-1	17.95	17.90	17.70	19.00
HSUPA Subtest-2	18.10	18.22	18.10	19.50
HSUPA Subtest-3	19.20	19.20	19.13	20.50
HSUPA Subtest-4	17.69	17.73	17.66	19.00
HSUPA Subtest-5	19.09	19.09	19.00	20.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	21.00	21.1	21.1	22.00
AMR 12.2Kbps	20.91	21.08	21.02	22.00
HSDPA Subtest-1	21.26	21.18	21.09	21.00
HSDPA Subtest-2	21.15	21.12	21.07	21.00
HSDPA Subtest-3	20.69	20.59	20.60	20.50
HSDPA Subtest-4	20.54	20.64	20.66	20.50
DC-HSDPA Subtest-1	21.21	21.08	21.09	21.00
DC-HSDPA Subtest-2	21.07	21.07	21.14	21.00
DC-HSDPA Subtest-3	20.56	20.81	20.58	20.50
DC-HSDPA Subtest-4	20.58	20.82	20.48	20.50
HSUPA Subtest-1	20.18	20.24	20.07	20.50
HSUPA Subtest-2	20.26	20.19	20.28	20.50
HSUPA Subtest-3	21.31	21.16	21.11	21.50
HSUPA Subtest-4	19.75	19.70	19.80	20.50
HSUPA Subtest-5	21.26	21.18	21.11	21.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.66	24.66	24.61	25.50
AMR 12.2Kbps	24.63	24.61	24.52	25.50
HSDPA Subtest-1	23.47	23.58	23.59	24.50
HSDPA Subtest-2	23.67	23.53	23.42	24.50
HSDPA Subtest-3	23.14	23.12	23.18	24.00
HSDPA Subtest-4	23.25	23.10	23.10	24.00
DC-HSDPA Subtest-1	23.57	23.57	23.44	24.50
DC-HSDPA Subtest-2	23.52	23.42	23.63	24.50
DC-HSDPA Subtest-3	23.06	22.98	23.09	24.00
DC-HSDPA Subtest-4	23.02	23.11	23.23	24.00
HSUPA Subtest-1	21.98	21.96	21.97	22.50
HSUPA Subtest-2	21.66	21.59	21.62	22.50
HSUPA Subtest-3	22.59	22.63	22.65	23.50
HSUPA Subtest-4	21.02	21.11	21.05	22.00
HSUPA Subtest-5	22.50	22.59	22.48	23.50

8.3.1 LTE Band2 Output Power

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	23.84	23.52	23.71	25.50
		MID	QPSK	23.84	23.64	23.85	25.50
		HIGH	QPSK	23.86	23.55	23.78	25.50
	3	LOW	QPSK	23.61	23.69	23.63	25.50
		MID	QPSK	23.71	23.68	23.64	25.50
		HIGH	QPSK	23.68	23.73	23.63	25.50
	6	LOW	QPSK	23.01	22.76	22.90	24.50
	1.4	LOW	Q16	22.99	22.95	22.76	24.50
		MID	Q16	23.06	22.96	22.87	24.50
		HIGH	Q16	23.02	22.98	22.80	24.50
		LOW	Q16	23.05	22.82	23.06	24.50
		MID	Q16	23.05	22.92	23.09	24.50
		HIGH	Q16	23.02	22.92	23.10	24.50
	6	LOW	Q16	22.19	21.65	22.11	23.50
1.4	1	LOW	64QAM	21.89	21.78	21.76	23.50
		MID	64QAM	22.14	22.10	21.89	23.50
		HIGH	64QAM	21.99	21.84	21.78	23.50
	3	LOW	64QAM	22.08	21.89	22.20	23.50
		MID	64QAM	21.92	21.85	22.17	23.50
		HIGH	64QAM	22.07	21.80	22.22	23.50
	6	LOW	64QAM	21.20	20.63	21.00	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.68	23.77	23.57	25.50
		MID	QPSK	23.70	23.83	23.70	25.50
		HIGH	QPSK	23.69	23.70	23.68	25.50
	8	LOW	QPSK	22.91	22.95	22.81	24.50
		MID	QPSK	22.95	23.04	22.91	24.50
		HIGH	QPSK	22.89	22.99	22.84	24.50
3	15	LOW	QPSK	22.85	22.94	22.82	24.50
	1	LOW	Q16	22.68	23.12	22.66	24.50
		MID	Q16	22.69	23.19	22.73	24.50
		HIGH	Q16	22.59	23.14	22.67	24.50
	8	LOW	Q16	22.02	22.09	21.87	23.50
		MID	Q16	22.11	22.11	21.97	23.50
		HIGH	Q16	22.04	22.04	21.91	23.50
	15	LOW	Q16	21.94	21.97	21.79	23.50
3	1	LOW	64QAM	22.27	22.26	22.05	23.50
		MID	64QAM	22.33	22.41	22.23	23.50
		HIGH	64QAM	22.31	22.37	22.13	23.50
	8	LOW	64QAM	20.75	21.24	20.72	22.50
		MID	64QAM	21.05	21.12	21.06	22.50
		HIGH	64QAM	20.80	21.21	20.59	22.50
	15	LOW	64QAM	20.87	21.30	20.86	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.95	23.76	23.80	25.50
		MID	QPSK	24.06	23.79	23.95	25.50
		HIGH	QPSK	23.91	23.60	23.90	25.50
	12	LOW	QPSK	22.88	22.70	22.85	24.50
		MID	QPSK	23.04	22.73	22.92	24.50
		HIGH	QPSK	23.06	22.61	22.89	24.50
	25	LOW	QPSK	22.99	22.75	22.91	24.50
5	1	LOW	Q16	23.13	23.21	22.92	24.50
		MID	Q16	23.30	23.31	23.06	24.50
		HIGH	Q16	23.20	23.17	23.02	24.50
	12	LOW	Q16	22.03	21.76	21.97	23.50
		MID	Q16	22.18	21.96	22.01	23.50
		HIGH	Q16	22.16	21.94	21.94	23.50
	25	LOW	Q16	22.08	21.82	21.89	23.50
5	1	LOW	64QAM	22.34	22.14	22.06	23.50
		MID	64QAM	22.47	22.10	22.44	23.50
		HIGH	64QAM	22.25	21.93	22.11	23.50
	12	LOW	64QAM	21.02	20.94	20.88	22.50
		MID	64QAM	20.86	20.79	20.78	22.50
		HIGH	64QAM	20.72	21.08	20.66	22.50
	25	LOW	64QAM	20.75	20.99	20.74	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.94	23.81	23.85	25.50
		MID	QPSK	23.94	23.73	23.94	25.50
		HIGH	QPSK	23.97	23.67	24.00	25.50
	25	LOW	QPSK	22.84	22.72	22.93	24.50
		MID	QPSK	23.03	22.82	22.90	24.50
		HIGH	QPSK	22.97	22.84	22.86	24.50
	50	LOW	QPSK	23.01	22.72	22.93	24.50
10	1	LOW	Q16	22.93	23.20	22.90	24.50
		MID	Q16	22.97	23.14	22.94	24.50
		HIGH	Q16	22.88	23.01	22.99	24.50
	25	LOW	Q16	21.96	21.77	22.05	23.50
		MID	Q16	22.01	21.86	22.01	23.50
		HIGH	Q16	22.07	21.90	21.95	23.50
	50	LOW	Q16	22.00	21.83	22.00	23.50
10	1	LOW	64QAM	22.28	22.14	22.10	23.50
		MID	64QAM	22.32	22.12	22.31	23.50
		HIGH	64QAM	22.19	22.17	22.16	23.50
	25	LOW	64QAM	20.90	20.79	20.86	22.50
		MID	64QAM	21.06	20.91	20.95	22.50
		HIGH	64QAM	20.88	20.98	20.80	22.50
	50	LOW	64QAM	20.86	20.98	20.85	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.83	23.75	23.72	25.50
		MID	QPSK	23.95	23.73	23.90	25.50
		HIGH	QPSK	23.89	23.55	23.85	25.50
	36	LOW	QPSK	22.83	22.75	22.88	24.50
		MID	QPSK	22.92	22.76	22.88	24.50
		HIGH	QPSK	22.92	22.75	22.83	24.50
	75	LOW	QPSK	22.83	22.78	22.84	24.50
15	1	LOW	Q16	22.80	23.04	23.20	24.50
		MID	Q16	22.95	23.07	23.29	24.50
		HIGH	Q16	22.65	22.94	23.27	24.50
	36	LOW	Q16	21.81	21.77	21.89	23.50
		MID	Q16	21.97	21.83	21.87	23.50
		HIGH	Q16	21.80	21.83	21.80	23.50
	75	LOW	Q16	21.92	21.83	21.88	23.50
15	1	LOW	64QAM	22.40	22.16	22.14	23.50
		MID	64QAM	22.49	22.36	22.28	23.50
		HIGH	64QAM	22.22	22.07	22.21	23.50
	36	LOW	64QAM	20.84	20.81	20.92	22.50
		MID	64QAM	21.13	20.88	20.82	22.50
		HIGH	64QAM	20.72	21.01	20.65	22.50
	75	LOW	64QAM	20.70	20.98	20.72	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.85	23.71	23.65	25.50
		MID	QPSK	23.96	23.85	23.90	25.50
		HIGH	QPSK	23.81	23.64	23.80	25.50
	50	LOW	QPSK	22.79	22.76	22.75	24.50
		MID	QPSK	22.98	22.79	22.88	24.50
		HIGH	QPSK	22.67	22.96	22.71	24.50
	100	LOW	QPSK	22.77	22.85	22.73	24.50
20	1	LOW	Q16	23.30	23.10	23.14	24.50
		MID	Q16	23.51	23.21	23.35	24.50
		HIGH	Q16	23.20	23.13	23.23	24.50
	50	LOW	Q16	21.87	21.78	21.78	23.50
		MID	Q16	22.05	21.81	21.91	23.50
		HIGH	Q16	21.79	22.07	21.72	23.50
	100	LOW	Q16	21.84	21.93	21.77	23.50
20	1	LOW	64QAM	22.28	22.15	22.14	23.50
		MID	64QAM	22.37	22.26	22.29	23.50
		HIGH	64QAM	22.15	22.13	22.11	23.50
	50	LOW	64QAM	20.91	20.84	20.76	22.50
		MID	64QAM	21.05	20.76	20.90	22.50
		HIGH	64QAM	20.97	21.08	20.66	22.50
	100	LOW	64QAM	20.78	20.90	20.85	22.50

LTE B2-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.14	19.04	19.17	20.50
		MID	QPSK	19.22	19.04	19.27	20.50
		HIGH	QPSK	19.17	18.97	19.15	20.50
	3	LOW	QPSK	19.33	19.20	19.35	20.50
		MID	QPSK	19.39	19.14	19.37	20.50
		HIGH	QPSK	19.34	19.14	19.37	20.50
	6	LOW	QPSK	19.36	19.19	19.34	20.50
	1.4	LOW	Q16	19.40	19.52	19.26	20.50
		MID	Q16	19.47	19.40	19.36	20.50
		HIGH	Q16	19.43	19.44	19.28	20.50
		LOW	Q16	19.50	19.52	19.58	20.50
		MID	Q16	19.52	19.40	19.62	20.50
		HIGH	Q16	19.48	19.44	19.61	20.50
	6	LOW	Q16	19.60	19.13	19.60	20.50
1.4	1	LOW	64QAM	19.49	19.49	19.36	20.50
		MID	64QAM	19.42	19.40	19.42	20.50
		HIGH	64QAM	19.40	19.38	19.42	20.50
	3	LOW	64QAM	19.51	19.66	19.62	20.50
		MID	64QAM	19.51	19.45	19.61	20.50
		HIGH	64QAM	19.41	19.40	19.74	20.50
	6	LOW	64QAM	19.53	19.22	19.51	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.01	18.95	18.98	20.50
		MID	QPSK	19.11	18.95	19.18	20.50
		HIGH	QPSK	19.02	18.84	19.10	20.50
	8	LOW	QPSK	19.31	19.16	19.25	20.50
		MID	QPSK	19.39	19.13	19.32	20.50
		HIGH	QPSK	19.30	19.09	19.25	20.50
	15	LOW	QPSK	19.31	19.05	19.22	20.50
3	1	LOW	Q16	19.10	19.41	19.13	20.50
		MID	Q16	19.16	19.40	19.25	20.50
		HIGH	Q16	19.10	19.25	19.18	20.50
	8	LOW	Q16	19.46	19.39	19.35	20.50
		MID	Q16	19.55	19.31	19.39	20.50
		HIGH	Q16	19.45	19.21	19.33	20.50
	15	LOW	Q16	19.42	19.16	19.25	20.50
3	1	LOW	64QAM	19.04	19.00	19.16	20.50
		MID	64QAM	19.10	19.35	19.18	20.50
		HIGH	64QAM	19.03	19.21	19.28	20.50
	8	LOW	64QAM	19.56	19.45	19.41	20.50
		MID	64QAM	19.40	19.39	19.33	20.50
		HIGH	64QAM	19.51	19.10	19.24	20.50
	15	LOW	64QAM	19.30	19.14	19.34	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.33	19.22	19.26	20.50
		MID	QPSK	19.48	19.23	19.38	20.50
		HIGH	QPSK	19.35	19.15	19.29	20.50
	12	LOW	QPSK	19.31	19.19	19.33	20.50
		MID	QPSK	19.47	19.20	19.34	20.50
		HIGH	QPSK	19.38	19.19	19.30	20.50
	25	LOW	QPSK	19.42	19.23	19.31	20.50
5	1	LOW	Q16	19.61	18.85	19.45	20.50
		MID	Q16	19.75	19.00	19.57	20.50
		HIGH	Q16	19.61	18.82	19.57	20.50
	12	LOW	Q16	19.51	19.46	19.44	20.50
		MID	Q16	19.62	19.43	19.50	20.50
		HIGH	Q16	19.60	19.42	19.44	20.50
	25	LOW	Q16	19.52	19.35	19.39	20.50
5	1	LOW	64QAM	19.50	18.87	19.46	20.50
		MID	64QAM	19.61	18.92	19.50	20.50
		HIGH	64QAM	19.70	18.68	19.59	20.50
	12	LOW	64QAM	19.36	19.44	19.58	20.50
		MID	64QAM	19.58	19.44	19.65	20.50
		HIGH	64QAM	19.60	19.40	19.33	20.50
	25	LOW	64QAM	19.56	19.22	19.32	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.37	19.28	19.27	20.50
		MID	QPSK	19.44	19.25	19.36	20.50
		HIGH	QPSK	19.46	19.21	19.44	20.50
	25	LOW	QPSK	19.33	19.27	19.36	20.50
		MID	QPSK	19.46	19.29	19.38	20.50
		HIGH	QPSK	19.49	19.25	19.25	20.50
	50	LOW	QPSK	19.42	19.25	19.32	20.50
10	1	LOW	Q16	19.47	19.77	19.35	20.50
		MID	Q16	19.48	19.74	19.49	20.50
		HIGH	Q16	19.52	19.69	19.53	20.50
	25	LOW	Q16	19.43	19.39	19.49	20.50
		MID	Q16	19.55	19.39	19.55	20.50
		HIGH	Q16	19.61	19.38	19.38	20.50
	50	LOW	Q16	19.52	19.36	19.41	20.50
10	1	LOW	64QAM	19.55	19.71	19.39	20.50
		MID	64QAM	19.44	19.34	19.40	20.50
		HIGH	64QAM	19.53	19.69	19.59	20.50
	25	LOW	64QAM	19.44	19.29	19.53	20.50
		MID	64QAM	19.65	19.38	19.40	20.50
		HIGH	64QAM	19.51	19.35	19.40	20.50
	50	LOW	64QAM	19.55	19.30	19.40	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.24	19.26	19.18	20.50
		MID	QPSK	19.39	19.27	19.37	20.50
		HIGH	QPSK	19.39	19.16	19.33	20.50
	36	LOW	QPSK	19.33	19.34	19.36	20.50
		MID	QPSK	19.47	19.23	19.40	20.50
		HIGH	QPSK	19.57	19.24	19.34	20.50
	75	LOW	QPSK	19.46	19.25	19.34	20.50
15	1	LOW	Q16	19.32	19.75	18.81	20.50
		MID	Q16	19.48	19.75	19.05	20.50
		HIGH	Q16	19.39	19.64	19.14	20.50
	36	LOW	Q16	19.33	19.35	19.26	20.50
		MID	Q16	19.45	19.29	19.37	20.50
		HIGH	Q16	19.51	19.33	19.30	20.50
	75	LOW	Q16	19.43	19.32	19.35	20.50
15	1	LOW	64QAM	19.31	19.72	18.88	20.50
		MID	64QAM	19.41	19.68	19.03	20.50
		HIGH	64QAM	19.35	19.57	19.01	20.50
	36	LOW	64QAM	19.48	19.25	19.24	20.50
		MID	64QAM	19.32	19.24	19.44	20.50
		HIGH	64QAM	19.54	19.22	19.42	20.50
	75	LOW	64QAM	19.56	19.34	19.46	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.29	19.25	19.05	20.50
		MID	QPSK	19.60	19.32	19.30	20.50
		HIGH	QPSK	19.35	19.18	19.23	20.50
	50	LOW	QPSK	19.28	19.32	19.13	20.50
		MID	QPSK	19.56	19.32	19.30	20.50
		HIGH	QPSK	19.37	19.37	19.11	20.50
	100	LOW	QPSK	19.39	19.26	19.11	20.50
20	1	LOW	Q16	18.86	18.93	18.67	20.50
		MID	Q16	19.32	19.09	19.09	20.50
		HIGH	Q16	19.19	18.86	18.95	20.50
	50	LOW	Q16	19.40	19.46	19.18	20.50
		MID	Q16	19.67	19.43	19.38	20.50
		HIGH	Q16	19.49	19.51	19.20	20.50
	100	LOW	Q16	19.47	19.37	19.22	20.50
20	1	LOW	64QAM	18.76	19.05	18.79	20.50
		MID	64QAM	19.29	19.02	19.05	20.50
		HIGH	64QAM	19.11	18.77	18.98	20.50
	50	LOW	64QAM	19.32	19.38	19.32	20.50
		MID	64QAM	19.57	19.49	19.44	20.50
		HIGH	64QAM	19.48	19.36	19.29	20.50
	100	LOW	64QAM	19.56	19.33	19.30	20.50

LTE B2-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.14	19.04	19.17	20.50
		MID	QPSK	19.22	19.04	19.27	20.50
		HIGH	QPSK	19.17	18.97	19.15	20.50
	3	LOW	QPSK	19.33	19.20	19.35	20.50
		MID	QPSK	19.39	19.14	19.37	20.50
		HIGH	QPSK	19.34	19.14	19.37	20.50
	6	LOW	QPSK	19.36	19.19	19.34	20.50
1.4	1	LOW	Q16	19.40	19.52	19.26	20.50
		MID	Q16	19.47	19.49	19.36	20.50
		HIGH	Q16	19.43	19.44	19.28	20.50
	3	LOW	Q16	19.50	19.52	19.58	20.50
		MID	Q16	19.52	19.40	19.62	20.50
		HIGH	Q16	19.48	19.44	19.61	20.50
	6	LOW	Q16	19.60	19.13	19.60	20.50
1.4	1	LOW	64QAM	19.49	19.49	19.36	20.50
		MID	64QAM	19.42	19.40	19.42	20.50
		HIGH	64QAM	19.40	19.38	19.42	20.50
	3	LOW	64QAM	19.51	19.66	19.62	20.50
		MID	64QAM	19.51	19.45	19.61	20.50
		HIGH	64QAM	19.41	19.40	19.74	20.50
	6	LOW	64QAM	19.53	19.22	19.51	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.01	18.95	18.98	20.50
		MID	QPSK	19.11	18.95	19.18	20.50
		HIGH	QPSK	19.02	18.84	19.10	20.50
	8	LOW	QPSK	19.31	19.16	19.25	20.50
		MID	QPSK	19.39	19.13	19.32	20.50
		HIGH	QPSK	19.30	19.09	19.25	20.50
	15	LOW	QPSK	19.31	19.05	19.22	20.50
3	1	LOW	Q16	19.10	19.41	19.13	20.50
		MID	Q16	19.16	19.43	19.25	20.50
		HIGH	Q16	19.10	19.25	19.18	20.50
	8	LOW	Q16	19.46	19.39	19.35	20.50
		MID	Q16	19.55	19.31	19.39	20.50
		HIGH	Q16	19.45	19.21	19.33	20.50
	15	LOW	Q16	19.42	19.16	19.25	20.50
3	1	LOW	64QAM	19.04	19.00	19.16	20.50
		MID	64QAM	19.10	19.35	19.18	20.50
		HIGH	64QAM	19.03	19.21	19.28	20.50
	8	LOW	64QAM	19.56	19.45	19.41	20.50
		MID	64QAM	19.40	19.39	19.33	20.50
		HIGH	64QAM	19.51	19.10	19.24	20.50
	15	LOW	64QAM	19.30	19.14	19.34	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.33	19.22	19.26	20.50
		MID	QPSK	19.48	19.23	19.38	20.50
		HIGH	QPSK	19.35	19.15	19.29	20.50
	12	LOW	QPSK	19.31	19.19	19.33	20.50
		MID	QPSK	19.47	19.20	19.34	20.50
		HIGH	QPSK	19.38	19.19	19.30	20.50
	25	LOW	QPSK	19.42	19.23	19.31	20.50
5	1	LOW	Q16	19.61	18.85	19.45	20.50
		MID	Q16	19.75	19.00	19.57	20.50
		HIGH	Q16	19.61	18.82	19.57	20.50
	12	LOW	Q16	19.51	19.46	19.44	20.50
		MID	Q16	19.62	19.43	19.50	20.50
		HIGH	Q16	19.60	19.42	19.44	20.50
	25	LOW	Q16	19.52	19.35	19.39	20.50
5	1	LOW	64QAM	19.50	18.87	19.46	20.50
		MID	64QAM	19.61	18.92	19.50	20.50
		HIGH	64QAM	19.70	18.68	19.59	20.50
	12	LOW	64QAM	19.36	19.44	19.58	20.50
		MID	64QAM	19.58	19.44	19.65	20.50
		HIGH	64QAM	19.60	19.40	19.33	20.50
	25	LOW	64QAM	19.56	19.22	19.32	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.37	19.28	19.27	20.50
		MID	QPSK	19.44	19.25	19.36	20.50
		HIGH	QPSK	19.46	19.21	19.44	20.50
	25	LOW	QPSK	19.33	19.27	19.36	20.50
		MID	QPSK	19.46	19.29	19.38	20.50
		HIGH	QPSK	19.49	19.25	19.25	20.50
	50	LOW	QPSK	19.42	19.25	19.32	20.50
10	1	LOW	Q16	19.47	19.77	19.35	20.50
		MID	Q16	19.48	19.74	19.49	20.50
		HIGH	Q16	19.52	19.69	19.53	20.50
	25	LOW	Q16	19.43	19.39	19.49	20.50
		MID	Q16	19.55	19.39	19.55	20.50
		HIGH	Q16	19.61	19.38	19.38	20.50
	50	LOW	Q16	19.52	19.36	19.41	20.50
10	1	LOW	64QAM	19.55	19.71	19.39	20.50
		MID	64QAM	19.44	19.34	19.40	20.50
		HIGH	64QAM	19.53	19.69	19.59	20.50
	25	LOW	64QAM	19.44	19.29	19.53	20.50
		MID	64QAM	19.65	19.38	19.40	20.50
		HIGH	64QAM	19.51	19.35	19.40	20.50
	50	LOW	64QAM	19.55	19.30	19.40	20.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.24	19.26	19.18	20.50
		MID	QPSK	19.39	19.27	19.37	20.50
		HIGH	QPSK	19.39	19.16	19.33	20.50
	36	LOW	QPSK	19.33	19.34	19.36	20.50
		MID	QPSK	19.47	19.23	19.40	20.50
		HIGH	QPSK	19.57	19.24	19.34	20.50
	75	LOW	QPSK	19.46	19.25	19.34	20.50
15	1	LOW	Q16	19.32	19.75	18.81	20.50
		MID	Q16	19.48	19.75	19.05	20.50
		HIGH	Q16	19.39	19.64	19.14	20.50
	36	LOW	Q16	19.33	19.35	19.26	20.50
		MID	Q16	19.45	19.29	19.37	20.50
		HIGH	Q16	19.51	19.33	19.30	20.50
	75	LOW	Q16	19.43	19.32	19.35	20.50
15	1	LOW	64QAM	19.31	19.72	18.88	20.50
		MID	64QAM	19.41	19.68	19.03	20.50
		HIGH	64QAM	19.35	19.57	19.01	20.50
	36	LOW	64QAM	19.48	19.25	19.24	20.50
		MID	64QAM	19.32	19.24	19.44	20.50
		HIGH	64QAM	19.54	19.22	19.42	20.50
	75	LOW	64QAM	19.56	19.34	19.46	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.29	19.25	19.05	20.50
		MID	QPSK	19.60	19.32	19.30	20.50
		HIGH	QPSK	19.35	19.18	19.23	20.50
	50	LOW	QPSK	19.28	19.32	19.13	20.50
		MID	QPSK	19.56	19.32	19.30	20.50
		HIGH	QPSK	19.37	19.37	19.11	20.50
	100	LOW	QPSK	19.39	19.26	19.11	20.50
20	1	LOW	Q16	18.86	18.93	18.67	20.50
		MID	Q16	19.32	19.09	19.09	20.50
		HIGH	Q16	19.19	18.86	18.95	20.50
	50	LOW	Q16	19.40	19.46	19.18	20.50
		MID	Q16	19.67	19.43	19.38	20.50
		HIGH	Q16	19.49	19.51	19.20	20.50
	100	LOW	Q16	19.47	19.37	19.22	20.50
20	1	LOW	64QAM	18.76	19.05	18.79	20.50
		MID	64QAM	19.29	19.02	19.05	20.50
		HIGH	64QAM	19.11	18.77	18.98	20.50
	50	LOW	64QAM	19.32	19.38	19.32	20.50
		MID	64QAM	19.57	19.49	19.44	20.50
		HIGH	64QAM	19.48	19.36	19.29	20.50
	100	LOW	64QAM	19.56	19.33	19.30	20.50

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	24.35	24.25	24.30	25.50
		MID	QPSK	24.45	24.28	24.37	25.50
		HIGH	QPSK	24.40	24.26	24.31	25.50
	3	LOW	QPSK	24.47	24.34	24.46	25.50
		MID	QPSK	24.51	24.39	24.43	25.50
		HIGH	QPSK	24.53	24.37	24.53	25.50
	6	LOW	QPSK	23.60	23.45	23.50	24.50
	1.4	LOW	Q16	23.53	23.67	23.24	24.50
		MID	Q16	23.61	23.66	23.37	24.50
		HIGH	Q16	23.47	23.63	23.32	24.50
		LOW	Q16	23.54	23.51	23.54	24.50
		MID	Q16	23.58	23.58	23.59	24.50
		HIGH	Q16	23.59	23.60	23.58	24.50
	6	LOW	Q16	22.75	22.37	22.69	23.50
1.4	1	LOW	64QAM	22.42	22.63	22.35	23.50
		MID	64QAM	22.52	22.62	22.32	23.50
		HIGH	64QAM	22.40	22.48	22.31	23.50
	3	LOW	64QAM	22.55	22.54	22.43	23.50
		MID	64QAM	22.51	22.68	22.52	23.50
		HIGH	64QAM	22.65	22.66	22.46	23.50
	6	LOW	64QAM	21.78	21.23	21.56	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.13	24.15	24.06	25.50
		MID	QPSK	24.30	24.28	24.29	25.50
		HIGH	QPSK	24.24	24.06	24.27	25.50
	8	LOW	QPSK	23.48	23.30	23.31	24.50
		MID	QPSK	23.52	23.37	23.41	24.50
		HIGH	QPSK	23.45	23.34	23.46	24.50
3	15	LOW	QPSK	23.43	23.37	23.42	24.50
	1	LOW	Q16	23.16	23.52	23.16	24.50
		MID	Q16	23.25	23.58	23.28	24.50
		HIGH	Q16	23.22	23.53	23.20	24.50
	8	LOW	Q16	22.64	22.44	22.37	23.50
		MID	Q16	22.61	22.55	22.52	23.50
		HIGH	Q16	22.59	22.40	22.46	23.50
	15	LOW	Q16	22.52	22.43	22.31	23.50
3	1	LOW	64QAM	22.91	22.68	22.67	23.50
		MID	64QAM	22.99	22.82	22.95	23.50
		HIGH	64QAM	23.02	22.59	22.84	23.50
	8	LOW	64QAM	21.52	21.73	21.37	22.50
		MID	64QAM	21.62	21.62	21.40	22.50
		HIGH	64QAM	21.66	21.79	21.12	22.50
	15	LOW	64QAM	21.46	21.60	21.39	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.28	24.15	24.16	25.50
		MID	QPSK	24.48	24.34	24.30	25.50
		HIGH	QPSK	24.26	24.19	24.25	25.50
	12	LOW	QPSK	23.50	23.31	23.36	24.50
		MID	QPSK	23.69	23.52	23.50	24.50
		HIGH	QPSK	23.61	23.43	23.43	24.50
	25	LOW	QPSK	23.58	23.44	23.42	24.50
5	1	LOW	Q16	23.68	23.86	23.40	24.50
		MID	Q16	23.90	24.05	23.56	24.50
		HIGH	Q16	23.71	23.82	23.49	24.50
	12	LOW	Q16	22.63	22.57	22.48	23.50
		MID	Q16	22.68	22.60	22.50	23.50
		HIGH	Q16	22.66	22.65	22.42	23.50
	25	LOW	Q16	22.60	22.52	22.36	23.50
5	1	LOW	64QAM	23.05	22.85	22.54	23.50
		MID	64QAM	23.02	22.98	22.78	23.50
		HIGH	64QAM	22.88	22.67	22.64	23.50
	12	LOW	64QAM	21.44	21.41	21.31	22.50
		MID	64QAM	21.68	21.63	21.32	22.50
		HIGH	64QAM	21.62	21.62	21.35	22.50
	25	LOW	64QAM	21.54	21.73	21.31	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.43	24.27	24.22	25.50
		MID	QPSK	24.45	24.38	24.30	25.50
		HIGH	QPSK	24.40	24.27	24.41	25.50
	25	LOW	QPSK	23.48	23.35	23.50	24.50
		MID	QPSK	23.63	23.49	23.50	24.50
		HIGH	QPSK	23.57	23.57	23.39	24.50
10	50	LOW	QPSK	23.54	23.50	23.42	24.50
	1	LOW	Q16	23.55	23.76	23.41	24.50
		MID	Q16	23.60	23.83	23.45	24.50
		HIGH	Q16	23.51	23.85	23.50	24.50
	25	LOW	Q16	22.59	22.44	22.51	23.50
		MID	Q16	22.67	22.55	22.55	23.50
		HIGH	Q16	22.64	22.63	22.54	23.50
	50	LOW	Q16	22.63	22.51	22.44	23.50
10	1	LOW	64QAM	22.96	22.79	22.52	23.50
		MID	64QAM	23.03	23.04	22.85	23.50
		HIGH	64QAM	23.07	22.87	22.83	23.50
	25	LOW	64QAM	21.48	21.59	21.43	22.50
		MID	64QAM	21.78	21.51	21.30	22.50
		HIGH	64QAM	21.41	21.58	21.39	22.50
	50	LOW	64QAM	21.55	21.66	21.42	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.30	24.15	24.02	25.50
		MID	QPSK	24.43	24.39	24.22	25.50
		HIGH	QPSK	24.36	24.14	24.29	25.50
	36	LOW	QPSK	23.48	23.43	23.37	24.50
		MID	QPSK	23.64	23.54	23.41	24.50
		HIGH	QPSK	23.57	23.49	23.41	24.50
	75	LOW	QPSK	23.57	23.55	23.38	24.50
15	1	LOW	Q16	23.48	23.78	23.68	24.50
		MID	Q16	23.58	23.83	23.77	24.50
		HIGH	Q16	23.37	23.74	23.70	24.50
	36	LOW	Q16	22.48	22.48	22.35	23.50
		MID	Q16	22.55	22.50	22.39	23.50
		HIGH	Q16	22.50	22.54	22.39	23.50
	75	LOW	Q16	22.50	22.52	22.40	23.50
15	1	LOW	64QAM	23.04	22.58	22.55	23.50
		MID	64QAM	23.07	22.92	22.74	23.50
		HIGH	64QAM	23.00	22.82	22.92	23.50
	36	LOW	64QAM	21.62	21.70	21.28	22.50
		MID	64QAM	21.58	21.46	21.30	22.50
		HIGH	64QAM	21.61	21.72	21.40	22.50
	75	LOW	64QAM	21.45	21.62	21.33	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.19	24.20	23.89	25.50
		MID	QPSK	24.53	24.34	24.20	25.50
		HIGH	QPSK	24.32	24.19	24.09	25.50
	50	LOW	QPSK	23.53	23.43	23.17	24.50
		MID	QPSK	23.64	23.44	23.38	24.50
		HIGH	QPSK	23.42	23.59	23.25	24.50
100	LOW	QPSK	23.50	23.49	23.24	24.50	
20	1	LOW	Q16	23.93	23.71	23.65	24.50
		MID	Q16	24.20	23.96	23.81	24.50
		HIGH	Q16	23.89	23.78	23.80	24.50
	50	LOW	Q16	22.56	22.58	22.27	23.50
		MID	Q16	22.67	22.57	22.38	23.50
		HIGH	Q16	22.46	22.69	22.32	23.50
	100	LOW	Q16	22.56	22.61	22.32	23.50
20	1	LOW	64QAM	22.92	22.79	22.50	23.50
		MID	64QAM	23.11	22.81	22.69	23.50
		HIGH	64QAM	22.96	22.86	22.88	23.50
	50	LOW	64QAM	21.66	21.60	21.27	22.50
		MID	64QAM	21.75	21.65	21.23	22.50
		HIGH	64QAM	21.68	21.81	21.34	22.50
	100	LOW	64QAM	21.54	21.75	21.18	22.50

LTE B2-DSI_1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.35	24.25	24.30	25.50
		MID	QPSK	24.45	24.28	24.37	25.50
		HIGH	QPSK	24.40	24.26	24.31	25.50
	3	LOW	QPSK	24.47	24.34	24.46	25.50
		MID	QPSK	24.51	24.39	24.43	25.50
		HIGH	QPSK	24.53	24.37	24.53	25.50
	6	LOW	QPSK	23.60	23.45	23.50	24.50
	1.4	LOW	Q16	23.53	23.67	23.24	24.50
		MID	Q16	23.61	23.66	23.37	24.50
		HIGH	Q16	23.47	23.63	23.32	24.50
		LOW	Q16	23.54	23.51	23.54	24.50
		MID	Q16	23.58	23.58	23.59	24.50
		HIGH	Q16	23.59	23.60	23.58	24.50
	6	LOW	Q16	22.75	22.37	22.69	23.50
1.4	1	LOW	64QAM	22.42	22.63	22.35	23.50
		MID	64QAM	22.52	22.62	22.32	23.50
		HIGH	64QAM	22.40	22.48	22.31	23.50
	3	LOW	64QAM	22.55	22.54	22.43	23.50
		MID	64QAM	22.51	22.68	22.52	23.50
		HIGH	64QAM	22.65	22.66	22.46	23.50
	6	LOW	64QAM	21.78	21.23	21.56	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.13	24.15	24.06	25.50
		MID	QPSK	24.30	24.28	24.29	25.50
		HIGH	QPSK	24.24	24.06	24.27	25.50
	8	LOW	QPSK	23.48	23.30	23.31	24.50
		MID	QPSK	23.52	23.37	23.41	24.50
		HIGH	QPSK	23.45	23.34	23.46	24.50
3	15	LOW	QPSK	23.43	23.37	23.42	24.50
	1	LOW	Q16	23.16	23.52	23.16	24.50
		MID	Q16	23.25	23.58	23.28	24.50
		HIGH	Q16	23.22	23.53	23.20	24.50
	8	LOW	Q16	22.64	22.44	22.37	23.50
		MID	Q16	22.61	22.55	22.52	23.50
		HIGH	Q16	22.59	22.40	22.46	23.50
	15	LOW	Q16	22.52	22.43	22.31	23.50
	3	LOW	64QAM	22.91	22.68	22.67	23.50
		MID	64QAM	22.99	22.82	22.95	23.50
		HIGH	64QAM	23.02	22.59	22.84	23.50
		LOW	64QAM	21.52	21.73	21.37	23.50
		MID	64QAM	21.62	21.62	21.40	23.50
		HIGH	64QAM	21.66	21.79	21.12	23.50
	15	LOW	64QAM	21.46	21.60	21.39	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.28	24.15	24.16	25.50
		MID	QPSK	24.48	24.34	24.30	25.50
		HIGH	QPSK	24.26	24.19	24.25	25.50
	12	LOW	QPSK	23.50	23.31	23.36	24.50
		MID	QPSK	23.69	23.52	23.50	24.50
		HIGH	QPSK	23.61	23.43	23.43	24.50
	25	LOW	QPSK	23.58	23.44	23.42	24.50
5	1	LOW	Q16	23.68	23.86	23.40	24.50
		MID	Q16	23.90	24.05	23.56	24.50
		HIGH	Q16	23.71	23.82	23.49	24.50
	12	LOW	Q16	22.63	22.57	22.48	23.50
		MID	Q16	22.68	22.60	22.50	23.50
		HIGH	Q16	22.66	22.65	22.42	23.50
	25	LOW	Q16	22.60	22.52	22.36	23.50
5	1	LOW	64QAM	23.05	22.85	22.54	23.50
		MID	64QAM	23.02	22.98	22.78	23.50
		HIGH	64QAM	22.88	22.67	22.64	23.50
	12	LOW	64QAM	21.44	21.41	21.31	22.50
		MID	64QAM	21.68	21.63	21.32	22.50
		HIGH	64QAM	21.62	21.62	21.35	22.50
	25	LOW	64QAM	21.54	21.73	21.31	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.43	24.27	24.22	25.50
		MID	QPSK	24.45	24.38	24.30	25.50
		HIGH	QPSK	24.40	24.27	24.41	25.50
	25	LOW	QPSK	23.48	23.35	23.50	24.50
		MID	QPSK	23.63	23.49	23.50	24.50
		HIGH	QPSK	23.57	23.57	23.39	24.50
10	50	LOW	QPSK	23.54	23.50	23.42	24.50
	1	LOW	Q16	23.55	23.76	23.41	24.50
		MID	Q16	23.60	23.83	23.45	24.50
		HIGH	Q16	23.51	23.85	23.50	24.50
	25	LOW	Q16	22.59	22.44	22.51	23.50
		MID	Q16	22.67	22.55	22.55	23.50
		HIGH	Q16	22.64	22.63	22.54	23.50
	50	LOW	Q16	22.63	22.51	22.44	23.50
10	1	LOW	64QAM	22.96	22.79	22.52	23.50
		MID	64QAM	23.03	23.04	22.85	23.50
		HIGH	64QAM	23.07	22.87	22.83	23.50
	25	LOW	64QAM	21.48	21.59	21.43	22.50
		MID	64QAM	21.78	21.51	21.30	22.50
		HIGH	64QAM	21.41	21.58	21.39	22.50
	50	LOW	64QAM	21.55	21.66	21.42	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.30	24.15	24.02	25.50
		MID	QPSK	24.43	24.39	24.22	25.50
		HIGH	QPSK	24.36	24.14	24.29	25.50
	36	LOW	QPSK	23.48	23.43	23.37	24.50
		MID	QPSK	23.64	23.54	23.41	24.50
		HIGH	QPSK	23.57	23.49	23.41	24.50
	75	LOW	QPSK	23.57	23.55	23.38	24.50
15	1	LOW	Q16	23.48	23.78	23.68	24.50
		MID	Q16	23.58	23.83	23.77	24.50
		HIGH	Q16	23.37	23.74	23.70	24.50
	36	LOW	Q16	22.48	22.48	22.35	23.50
		MID	Q16	22.55	22.50	22.39	23.50
		HIGH	Q16	22.50	22.54	22.39	23.50
	75	LOW	Q16	22.50	22.52	22.40	23.50
15	1	LOW	64QAM	23.04	22.58	22.55	23.50
		MID	64QAM	23.07	22.92	22.74	23.50
		HIGH	64QAM	23.00	22.82	22.92	23.50
	36	LOW	64QAM	21.62	21.70	21.28	22.50
		MID	64QAM	21.58	21.46	21.30	22.50
		HIGH	64QAM	21.61	21.72	21.40	22.50
	75	LOW	64QAM	21.45	21.62	21.33	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.19	24.20	23.89	25.50
		MID	QPSK	24.53	24.34	24.20	25.50
		HIGH	QPSK	24.32	24.19	24.09	25.50
	50	LOW	QPSK	23.53	23.43	23.17	24.50
		MID	QPSK	23.64	23.44	23.38	24.50
		HIGH	QPSK	23.42	23.59	23.25	24.50
100	LOW	QPSK	23.50	23.49	23.24	24.50	
20	1	LOW	Q16	23.93	23.71	23.65	24.50
		MID	Q16	24.20	23.96	23.81	24.50
		HIGH	Q16	23.89	23.78	23.80	24.50
	50	LOW	Q16	22.56	22.58	22.27	23.50
		MID	Q16	22.67	22.57	22.38	23.50
		HIGH	Q16	22.46	22.69	22.32	23.50
	100	LOW	Q16	22.56	22.61	22.32	23.50
20	1	LOW	64QAM	22.92	22.79	22.50	23.50
		MID	64QAM	23.11	22.81	22.69	23.50
		HIGH	64QAM	22.96	22.86	22.88	23.50
	50	LOW	64QAM	21.66	21.60	21.27	22.50
		MID	64QAM	21.75	21.65	21.23	22.50
		HIGH	64QAM	21.68	21.81	21.34	22.50
	100	LOW	64QAM	21.54	21.75	21.18	22.50

LTE B2-DSI_4-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.56	22.42	22.39	23.50
		MID	QPSK	22.59	22.54	22.50	23.50
		HIGH	QPSK	22.67	22.55	22.51	23.50
	3	LOW	QPSK	22.71	22.54	22.63	23.50
		MID	QPSK	22.74	22.57	22.66	23.50
		HIGH	QPSK	22.78	22.57	22.65	23.50
	6	LOW	QPSK	22.82	22.70	22.61	23.50
	1.4	LOW	Q16	22.79	22.86	22.52	23.50
		MID	Q16	22.80	22.94	22.59	23.50
		HIGH	Q16	22.78	22.97	22.58	23.50
		LOW	Q16	22.79	22.89	22.85	23.50
		MID	Q16	22.84	22.88	22.86	23.50
		HIGH	Q16	22.80	22.89	22.78	23.50
	6	LOW	Q16	22.91	22.65	22.83	23.50
1.4	1	LOW	64QAM	22.70	22.90	22.57	23.50
		MID	64QAM	22.83	22.80	22.39	23.50
		HIGH	64QAM	22.87	22.85	22.68	23.50
	3	LOW	64QAM	22.71	22.84	22.86	23.50
		MID	64QAM	22.83	22.69	22.71	23.50
		HIGH	64QAM	22.72	23.01	22.71	23.50
	6	LOW	64QAM	22.05	21.49	21.74	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.48	22.37	22.22	23.50
		MID	QPSK	22.55	22.49	22.30	23.50
		HIGH	QPSK	22.47	22.41	22.26	23.50
	8	LOW	QPSK	22.70	22.60	22.46	23.50
		MID	QPSK	22.77	22.65	22.57	23.50
		HIGH	QPSK	22.57	22.55	22.46	23.50
	15	LOW	QPSK	22.70	22.63	22.54	23.50
	3	LOW	Q16	22.45	22.82	22.31	23.50
		MID	Q16	22.51	22.83	22.48	23.50
		HIGH	Q16	22.35	22.77	22.40	23.50
		LOW	Q16	22.84	22.72	22.55	23.50
		MID	Q16	22.94	22.75	22.66	23.50
		HIGH	Q16	22.80	22.71	22.63	23.50
	15	LOW	Q16	22.81	22.64	22.51	23.50
3	1	LOW	64QAM	22.33	22.65	22.32	23.50
		MID	64QAM	22.43	22.89	22.36	23.50
		HIGH	64QAM	22.53	22.67	22.53	23.50
	8	LOW	64QAM	21.71	21.87	21.55	22.50
		MID	64QAM	21.89	21.71	21.61	22.50
		HIGH	64QAM	21.70	21.85	21.52	22.50
	15	LOW	64QAM	21.80	21.47	21.42	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.50	22.34	23.50
		MID	QPSK	22.73	22.51	22.36	23.50
		HIGH	QPSK	22.57	22.45	22.37	23.50
	12	LOW	QPSK	22.51	22.43	22.36	23.50
		MID	QPSK	22.61	22.52	22.40	23.50
		HIGH	QPSK	22.60	22.49	22.37	23.50
	25	LOW	QPSK	22.64	22.51	22.43	23.50
5	1	LOW	Q16	22.83	22.29	22.50	23.50
		MID	Q16	22.86	22.28	22.61	23.50
		HIGH	Q16	22.73	21.99	22.60	23.50
	12	LOW	Q16	22.63	22.56	22.44	23.50
		MID	Q16	22.70	22.72	22.48	23.50
		HIGH	Q16	22.72	22.63	22.49	23.50
	25	LOW	Q16	22.70	22.57	22.38	23.50
5	1	LOW	64QAM	22.70	22.87	22.38	23.50
		MID	64QAM	22.85	22.98	22.74	23.50
		HIGH	64QAM	22.75	21.94	22.53	23.50
	12	LOW	64QAM	21.75	21.58	21.43	22.50
		MID	64QAM	21.70	21.83	21.60	22.50
		HIGH	64QAM	21.52	21.72	21.60	22.50
	25	LOW	64QAM	21.75	21.71	21.30	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.56	22.44	22.35	23.50
		MID	QPSK	22.60	22.53	22.40	23.50
		HIGH	QPSK	22.57	22.44	22.48	23.50
	25	LOW	QPSK	22.59	22.46	22.38	23.50
		MID	QPSK	22.71	22.51	22.48	23.50
		HIGH	QPSK	22.60	22.58	22.30	23.50
50	LOW	QPSK	22.60	22.45	22.42	23.50	
10	1	LOW	Q16	22.61	22.83	22.41	23.50
		MID	Q16	22.64	22.96	22.48	23.50
		HIGH	Q16	22.53	22.88	22.54	23.50
	25	LOW	Q16	22.53	22.47	22.45	23.50
		MID	Q16	22.71	22.57	22.48	23.50
		HIGH	Q16	22.66	22.65	22.42	23.50
	50	LOW	Q16	22.60	22.57	22.39	23.50
10	1	LOW	64QAM	22.43	22.90	22.43	23.50
		MID	64QAM	22.50	22.84	22.60	23.50
		HIGH	64QAM	22.40	22.92	22.48	23.50
	25	LOW	64QAM	21.71	21.48	21.50	22.50
		MID	64QAM	21.63	21.45	21.35	22.50
		HIGH	64QAM	21.61	21.63	21.46	22.50
	50	LOW	64QAM	21.53	21.56	21.46	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.53	22.42	22.31	23.50
		MID	QPSK	22.60	22.55	22.40	23.50
		HIGH	QPSK	22.47	22.37	22.33	23.50
	36	LOW	QPSK	22.53	22.49	22.37	23.50
		MID	QPSK	22.62	22.50	22.41	23.50
		HIGH	QPSK	22.67	22.49	22.33	23.50
	75	LOW	QPSK	22.58	22.45	22.30	23.50
15	1	LOW	Q16	22.54	22.80	22.80	23.50
		MID	Q16	22.50	22.99	22.85	23.50
		HIGH	Q16	22.40	22.82	22.76	23.50
	36	LOW	Q16	22.46	22.55	22.25	23.50
		MID	Q16	22.53	22.58	22.40	23.50
		HIGH	Q16	22.58	22.62	22.34	23.50
	75	LOW	Q16	22.53	22.49	22.37	23.50
15	1	LOW	64QAM	22.40	22.87	22.76	23.50
		MID	64QAM	22.49	22.85	22.84	23.50
		HIGH	64QAM	22.29	22.66	22.81	23.50
	36	LOW	64QAM	21.59	21.58	21.32	22.50
		MID	64QAM	21.50	21.43	21.30	22.50
		HIGH	64QAM	21.44	21.68	21.21	22.50
	75	LOW	64QAM	21.48	21.52	21.28	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.45	22.40	22.22	23.50
		MID	QPSK	22.63	22.62	22.33	23.50
		HIGH	QPSK	22.47	22.41	22.30	23.50
	50	LOW	QPSK	22.42	22.56	22.30	23.50
		MID	QPSK	22.62	22.56	22.39	23.50
		HIGH	QPSK	22.45	22.59	22.26	23.50
100	LOW	QPSK	22.49	22.51	22.27	23.50	
20	1	LOW	Q16	22.03	22.87	22.68	23.50
		MID	Q16	22.40	22.95	22.81	23.50
		HIGH	Q16	22.11	22.90	22.78	23.50
	50	LOW	Q16	22.56	22.52	22.24	23.50
		MID	Q16	22.64	22.63	22.42	23.50
		HIGH	Q16	22.53	22.67	22.26	23.50
100	LOW	Q16	22.45	22.62	22.28	23.50	
20	1	LOW	64QAM	22.91	22.81	22.57	23.50
		MID	64QAM	22.74	22.92	22.76	23.50
		HIGH	64QAM	22.90	22.88	22.77	23.50
	50	LOW	64QAM	21.68	21.50	21.32	22.50
		MID	64QAM	21.75	21.68	21.49	22.50
		HIGH	64QAM	21.41	21.72	21.27	22.50
	100	LOW	64QAM	21.47	21.59	21.44	22.50

8.3.2 LTE Band4 Output Power

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	24.65	24.66	24.66	25.50
		MID	QPSK	24.62	24.77	24.81	25.50
		HIGH	QPSK	24.59	24.68	24.71	25.50
	3	LOW	QPSK	24.65	24.81	24.81	25.50
		MID	QPSK	24.69	24.80	24.82	25.50
		HIGH	QPSK	24.64	24.81	24.84	25.50
	6	LOW	QPSK	23.81	23.84	23.87	24.50
	1.4	LOW	Q16	23.69	24.03	23.62	24.50
		MID	Q16	23.75	24.13	23.67	24.50
		HIGH	Q16	23.68	24.07	23.72	24.50
		LOW	Q16	23.75	24.02	23.89	24.50
		MID	Q16	23.75	24.02	23.92	24.50
		HIGH	Q16	23.75	23.94	23.82	24.50
	6	LOW	Q16	22.88	22.75	22.98	23.50
1.4	1	LOW	64QAM	22.54	23.17	22.61	23.50
		MID	64QAM	22.69	22.98	22.69	23.50
		HIGH	64QAM	22.80	23.01	22.88	23.50
	3	LOW	64QAM	22.72	22.95	22.83	23.50
		MID	64QAM	22.61	22.82	22.85	23.50
		HIGH	64QAM	22.75	23.01	22.82	23.50
	6	LOW	64QAM	22.00	21.93	21.97	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.41	24.57	24.61	25.50
		MID	QPSK	24.59	24.66	24.74	25.50
		HIGH	QPSK	24.49	24.55	24.55	25.50
	8	LOW	QPSK	23.68	23.76	23.77	24.50
		MID	QPSK	23.79	23.80	23.79	24.50
		HIGH	QPSK	23.70	23.83	23.78	24.50
3	15	LOW	QPSK	23.70	23.70	23.68	24.50
	1	LOW	Q16	23.31	23.93	23.51	24.50
		MID	Q16	23.50	24.00	23.67	24.50
		HIGH	Q16	23.37	23.92	23.49	24.50
	8	LOW	Q16	22.75	22.84	22.84	23.50
		MID	Q16	22.81	22.91	22.86	23.50
		HIGH	Q16	22.78	22.84	22.72	23.50
	15	LOW	Q16	22.66	22.83	22.63	23.50
3	1	LOW	64QAM	22.42	22.85	22.69	23.50
		MID	64QAM	22.49	23.06	22.73	23.50
		HIGH	64QAM	22.39	22.86	22.27	23.50
	8	LOW	64QAM	21.72	21.95	21.78	22.50
		MID	64QAM	21.78	21.90	22.01	22.50
		HIGH	64QAM	21.70	22.03	21.88	22.50
	15	LOW	64QAM	21.78	21.85	21.56	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.76	24.83	24.75	25.50
		MID	QPSK	24.80	25.00	24.88	25.50
		HIGH	QPSK	24.72	24.87	24.77	25.50
	12	LOW	QPSK	23.63	23.79	23.74	24.50
		MID	QPSK	23.75	23.89	23.88	24.50
		HIGH	QPSK	23.78	23.92	23.80	24.50
5	25	LOW	QPSK	23.81	23.85	23.79	24.50
		MID	Q16	23.85	24.31	23.82	24.50
		HIGH	Q16	23.98	24.46	23.99	24.50
	12	LOW	Q16	23.80	24.34	23.87	24.50
		MID	Q16	22.70	22.91	22.82	23.50
		HIGH	Q16	22.82	23.03	22.89	23.50
5	25	LOW	Q16	22.83	23.04	22.80	23.50
		MID	Q16	22.77	22.99	22.78	23.50
		HIGH	Q16	22.77	22.99	22.78	23.50
	1	LOW	64QAM	22.75	23.25	22.77	23.50
		MID	64QAM	23.13	23.38	22.76	23.50
		HIGH	64QAM	22.79	23.36	22.80	23.50
5	12	LOW	64QAM	21.63	21.78	21.90	22.50
		MID	64QAM	21.82	22.06	21.96	22.50
		HIGH	64QAM	21.79	22.09	21.95	22.50
	25	LOW	64QAM	21.79	22.09	21.95	22.50
		MID	64QAM	21.76	22.01	21.61	22.50
		HIGH	64QAM	21.76	22.01	21.61	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.79	24.89	24.88	25.50
		MID	QPSK	24.85	24.87	24.85	25.50
		HIGH	QPSK	24.85	24.90	24.95	25.50
	25	LOW	QPSK	23.64	23.86	23.73	24.50
		MID	QPSK	23.83	23.89	23.83	24.50
		HIGH	QPSK	23.75	23.90	23.91	24.50
10	50	LOW	QPSK	23.70	23.82	23.73	24.50
		MID	Q16	23.68	24.20	23.78	24.50
		HIGH	Q16	23.64	24.26	23.86	24.50
	25	LOW	Q16	23.72	24.29	23.80	24.50
		MID	Q16	22.59	22.82	22.89	23.50
		HIGH	Q16	22.87	22.95	22.93	23.50
10	50	LOW	Q16	22.86	22.92	22.87	23.50
		MID	Q16	22.72	22.94	22.80	23.50
		HIGH	Q16	22.72	22.94	22.80	23.50
	1	LOW	64QAM	22.64	23.22	22.89	23.50
		MID	64QAM	22.57	23.18	22.86	23.50
		HIGH	64QAM	22.80	23.35	22.81	23.50
10	25	LOW	64QAM	21.70	21.76	21.96	22.50
		MID	64QAM	21.77	22.04	21.78	22.50
		HIGH	64QAM	21.83	22.03	21.90	22.50
	50	LOW	64QAM	21.62	21.86	21.80	22.50
		MID	64QAM	21.62	21.86	21.80	22.50
		HIGH	64QAM	21.62	21.86	21.80	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.70	24.72	24.77	25.50
		MID	QPSK	24.89	24.98	24.96	25.50
		HIGH	QPSK	24.77	24.82	24.89	25.50
	36	LOW	QPSK	23.75	23.84	23.85	24.50
		MID	QPSK	23.96	23.94	23.89	24.50
		HIGH	QPSK	23.86	23.89	24.02	24.50
	75	LOW	QPSK	23.83	23.94	23.94	24.50
15	1	LOW	Q16	23.61	24.14	24.16	24.50
		MID	Q16	23.73	24.20	24.17	24.50
		HIGH	Q16	23.72	24.20	24.14	24.50
	36	LOW	Q16	22.65	22.80	22.74	23.50
		MID	Q16	22.86	22.92	22.89	23.50
		HIGH	Q16	22.90	23.02	22.82	23.50
	75	LOW	Q16	22.83	22.92	22.84	23.50
15	1	LOW	64QAM	22.61	23.24	23.32	23.50
		MID	64QAM	22.73	23.16	23.06	23.50
		HIGH	64QAM	22.59	23.08	23.22	23.50
	36	LOW	64QAM	21.63	21.76	21.90	22.50
		MID	64QAM	21.86	21.90	21.84	22.50
		HIGH	64QAM	21.76	21.91	21.82	22.50
	75	LOW	64QAM	21.69	21.88	21.80	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.59	24.72	24.72	25.50
		MID	QPSK	24.90	24.97	24.90	25.50
		HIGH	QPSK	24.74	24.91	24.70	25.50
	50	LOW	QPSK	23.68	23.82	23.68	24.50
		MID	QPSK	23.83	23.89	23.89	24.50
		HIGH	QPSK	23.73	23.86	23.83	24.50
100	LOW	QPSK	23.68	23.88	23.80	24.50	
20	1	LOW	Q16	24.06	23.94	24.08	24.50
		MID	Q16	24.37	24.30	24.33	24.50
		HIGH	Q16	24.32	24.24	24.05	24.50
	50	LOW	Q16	22.67	22.87	22.77	23.50
		MID	Q16	22.95	22.98	22.90	23.50
		HIGH	Q16	22.80	23.03	22.82	23.50
	100	LOW	Q16	22.71	22.92	22.80	23.50
20	1	LOW	64QAM	22.99	23.08	23.23	23.50
		MID	64QAM	23.49	23.35	23.34	23.50
		HIGH	64QAM	23.29	23.25	23.13	23.50
	50	LOW	64QAM	21.61	21.72	21.91	22.50
		MID	64QAM	22.03	21.98	21.83	22.50
		HIGH	64QAM	21.74	21.97	21.90	22.50
	100	LOW	64QAM	21.67	21.81	21.74	22.50

LTE B4-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.13	21.33	21.14	21.50
		MID	QPSK	21.17	21.39	21.21	21.50
		HIGH	QPSK	21.16	21.34	21.10	21.50
	3	LOW	QPSK	21.24	21.43	21.28	21.50
		MID	QPSK	21.29	21.48	21.32	21.50
		HIGH	QPSK	21.26	21.45	21.28	21.50
	6	LOW	QPSK	21.30	21.44	21.32	21.50
	1.4	LOW	Q16	21.24	21.41	21.15	21.50
		MID	Q16	21.29	21.49	21.23	21.50
		HIGH	Q16	21.28	21.44	21.17	21.50
	3	LOW	Q16	21.29	21.37	21.43	21.50
		MID	Q16	21.32	21.37	21.47	21.50
		HIGH	Q16	21.32	21.37	21.44	21.50
	6	LOW	Q16	21.46	21.13	21.49	21.50
1.4	1	LOW	64QAM	21.18	21.36	21.13	21.50
		MID	64QAM	21.32	21.43	21.21	21.50
		HIGH	64QAM	21.26	21.49	21.25	21.50
	3	LOW	64QAM	21.30	21.37	21.33	21.50
		MID	64QAM	21.46	21.23	21.43	21.50
		HIGH	64QAM	21.37	21.46	21.40	21.50
	6	LOW	64QAM	21.36	21.27	21.47	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	21.24	21.50	21.32	21.50
		MID	QPSK	21.40	21.14	21.42	21.50
		HIGH	QPSK	21.34	21.06	21.33	21.50
	8	LOW	QPSK	21.48	21.33	21.47	21.50
		MID	QPSK	21.46	21.38	21.45	21.50
		HIGH	QPSK	21.48	21.29	21.46	21.50
3	15	LOW	QPSK	21.48	21.27	21.44	21.50
	1	LOW	Q16	21.22	21.48	21.36	21.50
		MID	Q16	21.18	21.47	21.18	21.50
		HIGH	Q16	21.18	21.49	21.18	21.50
	8	LOW	Q16	21.47	21.45	21.47	21.50
		MID	Q16	21.18	21.46	21.18	21.50
		HIGH	Q16	21.18	21.37	21.44	21.50
	15	LOW	Q16	21.47	21.18	21.48	21.50
	3	LOW	64QAM	21.39	21.18	21.18	21.50
		MID	64QAM	21.18	21.18	21.18	21.50
		HIGH	64QAM	21.18	21.18	21.18	21.50
	8	LOW	64QAM	21.47	21.44	21.46	21.50
		MID	64QAM	21.39	21.39	21.39	21.50
		HIGH	64QAM	21.43	21.43	21.43	21.50
	15	LOW	64QAM	21.45	21.40	21.43	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	21.24	21.06	21.22	21.50
		MID	QPSK	21.46	21.19	21.36	21.50
		HIGH	QPSK	21.38	21.04	21.26	21.50
	12	LOW	QPSK	21.23	21.09	21.22	21.50
		MID	QPSK	21.39	21.19	21.36	21.50
		HIGH	QPSK	21.19	21.05	21.33	21.50
	25	LOW	QPSK	21.05	21.12	21.30	21.50
5	1	LOW	Q16	21.12	21.44	21.34	21.50
		MID	Q16	21.43	21.46	21.45	21.50
		HIGH	Q16	21.46	21.44	21.40	21.50
	12	LOW	Q16	21.44	21.28	21.27	21.50
		MID	Q16	21.48	21.25	21.42	21.50
		HIGH	Q16	21.49	21.18	21.35	21.50
	25	LOW	Q16	21.39	21.18	21.24	21.50
5	1	LOW	64QAM	21.43	21.47	21.39	21.50
		MID	64QAM	21.28	21.39	21.36	21.50
		HIGH	64QAM	21.27	21.43	21.35	21.50
	12	LOW	64QAM	21.29	21.28	21.26	21.50
		MID	64QAM	21.44	21.27	21.39	21.50
		HIGH	64QAM	21.43	21.29	21.41	21.50
	25	LOW	64QAM	21.46	21.46	21.44	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	21.39	21.14	21.23	21.50
		MID	QPSK	21.43	21.18	21.37	21.50
		HIGH	QPSK	21.28	21.03	21.38	21.50
	25	LOW	QPSK	21.27	21.15	21.13	21.50
		MID	QPSK	21.29	21.19	21.34	21.50
		HIGH	QPSK	21.19	21.05	21.36	21.50
	50	LOW	QPSK	21.05	21.12	21.26	21.50
10	1	LOW	Q16	21.12	21.44	21.30	21.50
		MID	Q16	21.44	21.46	21.36	21.50
		HIGH	Q16	21.46	21.44	21.36	21.50
	25	LOW	Q16	21.19	21.20	21.23	21.50
		MID	Q16	21.05	21.22	21.39	21.50
		HIGH	Q16	21.12	21.07	21.43	21.50
	50	LOW	Q16	21.44	21.19	21.28	21.50
10	1	LOW	64QAM	21.46	21.05	21.27	21.50
		MID	64QAM	21.44	21.12	21.29	21.50
		HIGH	64QAM	21.36	21.44	21.30	21.50
	25	LOW	64QAM	21.38	21.46	21.35	21.50
		MID	64QAM	21.44	21.44	21.41	21.50
		HIGH	64QAM	21.46	20.95	21.48	21.50
	50	LOW	64QAM	21.48	21.46	21.14	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	21.23	21.06	21.24	21.50
		MID	QPSK	21.18	21.17	21.37	21.50
		HIGH	QPSK	21.03	20.92	21.31	21.50
	36	LOW	QPSK	21.15	21.16	21.26	21.50
		MID	QPSK	21.19	21.16	21.40	21.50
		HIGH	QPSK	21.05	21.04	21.42	21.50
15	1	LOW	QPSK	21.44	21.10	21.35	21.50
	36	LOW	Q16	21.16	21.43	21.47	21.50
		MID	Q16	21.46	21.47	21.45	21.50
		HIGH	Q16	21.47	21.33	21.45	21.50
	36	LOW	Q16	21.28	21.18	21.26	21.50
		MID	Q16	21.18	21.19	21.33	21.50
15	1	LOW	Q16	21.03	21.08	21.16	21.50
	36	LOW	Q16	21.15	21.14	21.04	21.50
	75	LOW	64QAM	21.16	21.16	21.10	21.50
		MID	64QAM	21.04	21.04	21.43	21.50
		HIGH	64QAM	21.10	21.10	21.47	21.50
	36	LOW	64QAM	21.43	21.43	21.33	21.50
15	1	MID	64QAM	21.47	21.47	21.27	21.50
		HIGH	64QAM	21.33	21.33	21.44	21.50
	75	LOW	64QAM	21.46	21.41	21.47	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	21.19	21.07	21.23	21.50
		MID	QPSK	21.44	21.24	21.35	21.50
		HIGH	QPSK	21.49	20.91	21.26	21.50
	50	LOW	QPSK	21.23	21.14	21.29	21.50
		MID	QPSK	21.46	21.18	21.38	21.50
		HIGH	QPSK	21.44	21.02	21.48	21.50
20	100	LOW	QPSK	21.40	21.10	21.35	21.50
	1	LOW	Q16	21.35	21.46	21.26	21.50
		MID	Q16	21.26	21.35	21.35	21.50
		HIGH	Q16	21.29	21.26	21.26	21.50
	50	LOW	Q16	21.35	21.29	21.29	21.50
		MID	Q16	21.26	21.38	21.38	21.50
20	100	HIGH	Q16	21.29	21.48	21.35	21.50
	1	LOW	Q16	21.38	21.35	21.26	21.50
	50	LOW	64QAM	21.35	21.26	21.35	21.50
		MID	64QAM	21.26	21.29	21.26	21.50
		HIGH	64QAM	21.29	21.35	21.29	21.50
	100	LOW	64QAM	21.38	21.26	21.38	21.50
20	50	MID	64QAM	21.48	21.29	21.48	21.50
		HIGH	64QAM	21.45	21.38	21.25	21.50
	100	LOW	64QAM	21.49	21.48	21.28	21.50

LTE B4-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.31	20.59	20.21	21.00
		MID	QPSK	20.38	20.57	20.31	21.00
		HIGH	QPSK	20.42	20.48	20.17	21.00
	3	LOW	QPSK	20.36	20.55	20.08	21.00
		MID	QPSK	20.39	20.44	20.34	21.00
		HIGH	QPSK	20.40	20.34	20.10	21.00
	6	LOW	QPSK	20.35	20.55	20.09	21.00
	1.4	LOW	Q16	20.60	20.66	20.50	21.00
		MID	Q16	20.67	20.81	20.56	21.00
		HIGH	Q16	20.69	20.74	20.37	21.00
	3	LOW	Q16	20.57	20.64	20.37	21.00
		MID	Q16	20.63	20.74	20.55	21.00
		HIGH	Q16	20.69	20.54	20.32	21.00
	6	LOW	Q16	20.65	20.73	20.38	21.00
1.4	1	LOW	64QAM	20.57	20.81	20.48	21.00
		MID	64QAM	20.64	20.67	20.51	21.00
		HIGH	64QAM	20.68	20.74	20.39	21.00
	3	LOW	64QAM	20.61	20.79	20.34	21.00
		MID	64QAM	20.66	20.74	20.63	21.00
		HIGH	64QAM	20.68	20.64	20.37	21.00
	6	LOW	64QAM	20.58	20.79	20.34	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.26	20.46	20.14	21.00
		MID	QPSK	20.23	20.43	20.41	21.00
		HIGH	QPSK	20.54	20.61	20.21	21.00
	8	LOW	QPSK	20.30	20.56	20.08	21.00
		MID	QPSK	20.24	20.38	20.30	21.00
		HIGH	QPSK	20.53	20.43	20.01	21.00
3	15	LOW	QPSK	20.50	20.56	20.03	21.00
	1	LOW	Q16	20.50	20.53	20.63	21.00
		MID	Q16	20.72	20.75	20.52	21.00
		HIGH	Q16	20.80	20.60	20.50	21.00
	8	LOW	Q16	20.62	20.74	20.52	21.00
		MID	Q16	20.68	20.87	20.47	21.00
		HIGH	Q16	20.77	20.44	20.36	21.00
	15	LOW	Q16	20.79	20.85	20.25	21.00
	3	LOW	64QAM	20.52	20.94	20.59	21.00
		MID	64QAM	20.71	20.81	20.57	21.00
		HIGH	64QAM	20.80	20.64	20.29	21.00
	8	LOW	64QAM	20.51	20.88	20.40	21.00
		MID	64QAM	20.72	20.60	20.54	21.00
		HIGH	64QAM	20.76	20.63	20.24	21.00
	15	LOW	64QAM	20.54	20.93	20.36	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.35	20.55	20.12	21.00
		MID	QPSK	20.25	20.55	20.40	21.00
		HIGH	QPSK	20.55	20.41	20.13	21.00
	12	LOW	QPSK	20.26	20.50	20.18	21.00
		MID	QPSK	20.48	20.30	20.34	21.00
		HIGH	QPSK	20.25	20.37	20.01	21.00
	25	LOW	QPSK	20.23	20.43	20.00	21.00
5	1	LOW	Q16	20.47	20.69	20.52	21.00
		MID	Q16	20.73	20.92	20.70	21.00
		HIGH	Q16	20.60	20.71	20.32	21.00
	12	LOW	Q16	20.46	20.79	20.35	21.00
		MID	Q16	20.59	20.74	20.43	21.00
		HIGH	Q16	20.44	20.52	20.27	21.00
	25	LOW	Q16	20.57	20.83	20.37	21.00
5	1	LOW	64QAM	20.43	20.80	20.45	21.00
		MID	64QAM	20.51	20.75	20.66	21.00
		HIGH	64QAM	20.83	20.64	20.50	21.00
	12	LOW	64QAM	20.53	20.73	20.36	21.00
		MID	64QAM	20.62	20.59	20.58	21.00
		HIGH	64QAM	20.68	20.74	20.36	21.00
	25	LOW	64QAM	20.47	20.87	20.20	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.46	20.48	20.23	21.00
		MID	QPSK	20.51	20.70	20.32	21.00
		HIGH	QPSK	20.30	20.61	20.08	21.00
	25	LOW	QPSK	20.23	20.54	20.15	21.00
		MID	QPSK	20.43	20.52	20.42	21.00
		HIGH	QPSK	20.30	20.41	19.97	21.00
50	LOW	QPSK	20.49	20.57	20.10	21.00	
10	1	LOW	Q16	20.72	20.63	20.49	21.00
		MID	Q16	20.66	20.77	20.71	21.00
		HIGH	Q16	20.68	20.70	20.52	21.00
	25	LOW	Q16	20.54	20.61	20.44	21.00
		MID	Q16	20.71	20.89	20.40	21.00
		HIGH	Q16	20.61	20.62	20.21	21.00
	50	LOW	Q16	20.79	20.83	20.28	21.00
10	1	LOW	64QAM	20.67	20.75	20.42	21.00
		MID	64QAM	20.66	20.66	20.40	21.00
		HIGH	64QAM	20.64	20.77	20.24	21.00
	25	LOW	64QAM	20.60	20.90	20.22	21.00
		MID	64QAM	20.77	20.73	20.78	21.00
		HIGH	64QAM	20.57	20.56	20.43	21.00
	50	LOW	64QAM	20.55	20.86	20.49	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.31	20.53	20.26	21.00
		MID	QPSK	20.29	20.59	20.41	21.00
		HIGH	QPSK	20.40	20.60	20.13	21.00
	36	LOW	QPSK	20.40	20.66	20.10	21.00
		MID	QPSK	20.36	20.36	20.45	21.00
		HIGH	QPSK	20.48	20.47	20.15	21.00
	75	LOW	QPSK	20.21	20.54	20.04	21.00
15	1	LOW	Q16	20.65	20.68	20.55	21.00
		MID	Q16	20.77	20.90	20.48	21.00
		HIGH	Q16	20.61	20.75	20.22	21.00
	36	LOW	Q16	20.57	20.69	20.46	21.00
		MID	Q16	20.64	20.72	20.43	21.00
		HIGH	Q16	20.68	20.47	20.24	21.00
	75	LOW	Q16	20.66	20.66	20.32	21.00
15	1	LOW	64QAM	20.54	20.85	20.58	21.00
		MID	64QAM	20.74	20.60	20.64	21.00
		HIGH	64QAM	20.60	20.72	20.35	21.00
	36	LOW	64QAM	20.76	20.73	20.42	21.00
		MID	64QAM	20.59	20.65	20.77	21.00
		HIGH	64QAM	20.64	20.58	20.26	21.00
	75	LOW	64QAM	20.50	20.87	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.45	20.29	21.00
		MID	QPSK	20.51	20.59	20.27	21.00
		HIGH	QPSK	20.42	20.48	20.09	21.00
	50	LOW	QPSK	20.47	20.49	19.98	21.00
		MID	QPSK	20.46	20.49	20.28	21.00
		HIGH	QPSK	20.29	20.25	20.12	21.00
	100	LOW	QPSK	20.30	20.44	20.19	21.00
20	1	LOW	Q16	20.68	20.65	20.54	21.00
		MID	Q16	20.64	20.85	20.64	21.00
		HIGH	Q16	20.66	20.71	20.28	21.00
	50	LOW	Q16	20.42	20.61	20.45	21.00
		MID	Q16	20.62	20.74	20.48	21.00
		HIGH	Q16	20.65	20.46	20.26	21.00
	100	LOW	Q16	20.72	20.74	20.31	21.00
20	1	LOW	64QAM	20.56	20.70	20.37	21.00
		MID	64QAM	20.78	20.81	20.47	21.00
		HIGH	64QAM	20.62	20.72	20.48	21.00
	50	LOW	64QAM	20.70	20.87	20.29	21.00
		MID	64QAM	20.72	20.60	20.50	21.00
		HIGH	64QAM	20.71	20.54	20.45	21.00
	100	LOW	64QAM	20.56	20.93	20.25	21.00

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	24.50	24.56	24.56	25.50
		MID	QPSK	24.49	24.58	24.61	25.50
		HIGH	QPSK	24.53	24.62	24.55	25.50
	3	LOW	QPSK	24.57	24.68	24.65	25.50
		MID	QPSK	24.63	24.68	24.73	25.50
		HIGH	QPSK	24.61	24.63	24.64	25.50
	6	LOW	QPSK	23.62	23.73	23.72	24.50
	1.4	LOW	Q16	23.60	23.95	23.52	24.50
		MID	Q16	23.65	23.98	23.60	24.50
		HIGH	Q16	23.55	23.89	23.58	24.50
		LOW	Q16	23.54	23.89	23.83	24.50
		MID	Q16	23.57	23.92	23.85	24.50
		HIGH	Q16	23.56	23.90	23.88	24.50
	6	LOW	Q16	22.75	22.63	22.87	23.50
1.4	1	LOW	64QAM	22.62	22.99	22.58	23.50
		MID	64QAM	22.62	22.97	22.61	23.50
		HIGH	64QAM	22.68	22.81	22.43	23.50
	3	LOW	64QAM	22.49	22.94	22.67	23.50
		MID	64QAM	22.48	22.94	22.85	23.50
		HIGH	64QAM	22.44	22.74	22.76	23.50
	6	LOW	64QAM	21.70	21.61	21.96	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.30	24.49	24.41	25.50
		MID	QPSK	24.49	24.48	24.54	25.50
		HIGH	QPSK	24.39	24.49	24.48	25.50
	8	LOW	QPSK	23.55	23.61	23.65	24.50
		MID	QPSK	23.61	23.69	23.72	24.50
		HIGH	QPSK	23.60	23.68	23.69	24.50
	15	LOW	QPSK	23.54	23.58	23.65	24.50
3	1	LOW	Q16	23.22	23.83	23.40	24.50
		MID	Q16	23.33	23.94	23.56	24.50
		HIGH	Q16	23.18	23.79	23.41	24.50
	8	LOW	Q16	22.64	22.84	22.72	23.50
		MID	Q16	22.69	22.80	22.80	23.50
		HIGH	Q16	22.63	22.68	22.64	23.50
	15	LOW	Q16	22.62	22.64	22.61	23.50
3	1	LOW	64QAM	22.34	22.83	22.46	23.50
		MID	64QAM	22.36	22.90	22.50	23.50
		HIGH	64QAM	22.04	22.81	22.55	23.50
	8	LOW	64QAM	21.71	21.71	21.74	22.50
		MID	64QAM	21.80	21.95	21.66	22.50
		HIGH	64QAM	21.75	21.79	21.85	22.50
	15	LOW	64QAM	21.65	21.55	21.74	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.51	24.61	24.63	25.50
		MID	QPSK	24.69	24.85	24.77	25.50
		HIGH	QPSK	24.63	24.77	24.64	25.50
	12	LOW	QPSK	23.60	23.58	23.67	24.50
		MID	QPSK	23.66	23.70	23.76	24.50
		HIGH	QPSK	23.70	23.77	23.72	24.50
	25	LOW	QPSK	23.62	23.77	23.71	24.50
5	1	LOW	Q16	23.69	24.11	23.70	24.50
		MID	Q16	23.90	24.39	23.94	24.50
		HIGH	Q16	23.75	24.26	23.78	24.50
	12	LOW	Q16	22.66	22.86	22.81	23.50
		MID	Q16	22.75	22.98	22.92	23.50
		HIGH	Q16	22.74	22.96	22.79	23.50
	25	LOW	Q16	22.68	22.80	22.76	23.50
5	1	LOW	64QAM	22.73	23.21	22.76	23.50
		MID	64QAM	22.77	23.29	23.03	23.50
		HIGH	64QAM	22.58	23.37	22.68	23.50
	12	LOW	64QAM	21.51	21.94	21.92	22.50
		MID	64QAM	21.82	21.96	21.84	22.50
		HIGH	64QAM	21.59	21.92	21.64	22.50
	25	LOW	64QAM	21.76	21.73	21.59	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.64	24.71	24.78	25.50
		MID	QPSK	24.67	24.82	24.81	25.50
		HIGH	QPSK	24.76	24.73	24.75	25.50
	25	LOW	QPSK	23.53	23.67	23.62	24.50
		MID	QPSK	23.65	23.81	23.78	24.50
		HIGH	QPSK	23.67	23.89	23.74	24.50
50	LOW	QPSK	23.62	23.82	23.73	24.50	
10	1	LOW	Q16	23.54	24.05	23.74	24.50
		MID	Q16	23.61	24.22	23.74	24.50
		HIGH	Q16	23.58	24.21	23.81	24.50
	25	LOW	Q16	22.59	22.73	22.79	23.50
		MID	Q16	22.73	22.82	22.83	23.50
		HIGH	Q16	22.74	22.86	22.87	23.50
	50	LOW	Q16	22.65	22.86	22.79	23.50
10	1	LOW	64QAM	22.65	23.11	22.87	23.50
		MID	64QAM	22.58	23.11	22.73	23.50
		HIGH	64QAM	22.49	23.25	22.73	23.50
	25	LOW	64QAM	21.55	21.77	21.76	22.50
		MID	64QAM	21.88	21.89	21.65	22.50
		HIGH	64QAM	21.80	21.94	21.77	22.50
	50	LOW	64QAM	21.60	21.89	21.70	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.51	24.65	24.70	25.50
		MID	QPSK	24.76	24.82	24.91	25.50
		HIGH	QPSK	24.64	24.74	24.81	25.50
	36	LOW	QPSK	23.59	23.73	23.68	24.50
		MID	QPSK	23.81	23.83	23.78	24.50
		HIGH	QPSK	23.78	23.82	23.85	24.50
	75	LOW	QPSK	23.76	23.82	23.76	24.50
15	1	LOW	Q16	23.44	24.05	24.08	24.50
		MID	Q16	23.63	24.12	24.17	24.50
		HIGH	Q16	23.54	24.03	24.12	24.50
	36	LOW	Q16	22.59	22.81	22.70	23.50
		MID	Q16	22.70	22.89	22.72	23.50
		HIGH	Q16	22.73	22.90	22.78	23.50
	75	LOW	Q16	22.65	22.86	22.70	23.50
15	1	LOW	64QAM	22.55	22.86	22.88	23.50
		MID	64QAM	22.68	23.24	23.04	23.50
		HIGH	64QAM	22.53	23.06	22.98	23.50
	36	LOW	64QAM	21.49	21.66	21.65	22.50
		MID	64QAM	21.61	21.74	21.71	22.50
		HIGH	64QAM	21.57	21.99	21.79	22.50
	75	LOW	64QAM	21.51	21.84	21.87	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.48	24.57	24.57	25.50
		MID	QPSK	24.76	24.90	24.85	25.50
		HIGH	QPSK	24.74	24.78	24.68	25.50
	50	LOW	QPSK	23.61	23.68	23.66	24.50
		MID	QPSK	23.83	23.83	23.76	24.50
		HIGH	QPSK	23.74	23.89	23.75	24.50
100	LOW	QPSK	23.71	23.82	23.66	24.50	
20	1	LOW	Q16	23.96	23.91	24.02	24.50
		MID	Q16	24.22	24.30	24.15	24.50
		HIGH	Q16	24.17	24.09	24.05	24.50
	50	LOW	Q16	22.59	22.76	22.60	23.50
		MID	Q16	22.79	22.85	22.84	23.50
		HIGH	Q16	22.84	22.91	22.75	23.50
100	LOW	Q16	22.75	22.81	22.77	23.50	
20	1	LOW	64QAM	23.09	22.93	23.11	23.50
		MID	64QAM	23.28	23.15	23.12	23.50
		HIGH	64QAM	23.10	22.93	23.00	23.50
	50	LOW	64QAM	21.80	21.83	21.58	22.50
		MID	64QAM	21.89	22.02	21.61	22.50
		HIGH	64QAM	21.89	21.87	21.85	22.50
	100	LOW	64QAM	21.51	21.84	21.81	22.50

LTE B4-DSI_1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.50	24.56	24.56	25.50
		MID	QPSK	24.49	24.58	24.61	25.50
		HIGH	QPSK	24.53	24.62	24.55	25.50
	3	LOW	QPSK	24.57	24.68	24.65	25.50
		MID	QPSK	24.63	24.68	24.73	25.50
		HIGH	QPSK	24.61	24.63	24.64	25.50
	6	LOW	QPSK	23.62	23.73	23.72	24.50
1.4	1	LOW	Q16	23.60	23.95	23.52	24.50
		MID	Q16	23.65	23.98	23.60	24.50
		HIGH	Q16	23.55	23.89	23.58	24.50
	3	LOW	Q16	23.54	23.89	23.83	24.50
		MID	Q16	23.57	23.92	23.85	24.50
		HIGH	Q16	23.56	23.90	23.88	24.50
	6	LOW	Q16	22.75	22.63	22.87	23.50
1.4	1	LOW	64QAM	22.62	22.99	22.58	23.50
		MID	64QAM	22.62	22.97	22.61	23.50
		HIGH	64QAM	22.68	22.81	22.43	23.50
	3	LOW	64QAM	22.49	22.94	22.67	23.50
		MID	64QAM	22.48	22.94	22.85	23.50
		HIGH	64QAM	22.44	22.74	22.76	23.50
	6	LOW	64QAM	21.70	21.61	21.96	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.30	24.49	24.41	25.50
		MID	QPSK	24.49	24.48	24.54	25.50
		HIGH	QPSK	24.39	24.49	24.48	25.50
	8	LOW	QPSK	23.55	23.61	23.65	24.50
		MID	QPSK	23.61	23.69	23.72	24.50
		HIGH	QPSK	23.60	23.68	23.69	24.50
15	LOW	QPSK	23.54	23.58	23.65	24.50	
3	1	LOW	Q16	23.22	23.83	23.40	24.50
		MID	Q16	23.33	23.94	23.56	24.50
		HIGH	Q16	23.18	23.79	23.41	24.50
	8	LOW	Q16	22.64	22.84	22.72	23.50
		MID	Q16	22.69	22.80	22.80	23.50
		HIGH	Q16	22.63	22.68	22.64	23.50
	15	LOW	Q16	22.62	22.64	22.61	23.50
3	1	LOW	64QAM	22.34	22.83	22.46	23.50
		MID	64QAM	22.36	22.90	22.50	23.50
		HIGH	64QAM	22.04	22.81	22.55	23.50
	8	LOW	64QAM	21.71	21.71	21.74	23.50
		MID	64QAM	21.80	21.95	21.66	23.50
		HIGH	64QAM	21.75	21.79	21.85	23.50
	15	LOW	64QAM	21.65	21.55	21.74	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.51	24.61	24.63	25.50
		MID	QPSK	24.69	24.85	24.77	25.50
		HIGH	QPSK	24.63	24.77	24.64	25.50
	12	LOW	QPSK	23.60	23.58	23.67	25.50
		MID	QPSK	23.66	23.70	23.76	25.50
		HIGH	QPSK	23.70	23.77	23.72	25.50
5	25	LOW	QPSK	23.62	23.77	23.71	25.50
		MID	QPSK	23.62	23.77	23.71	25.50
		HIGH	QPSK	23.62	23.77	23.71	25.50
	1	LOW	Q16	23.69	24.11	23.70	25.50
		MID	Q16	23.90	24.39	23.94	25.50
		HIGH	Q16	23.75	24.26	23.78	25.50
5	12	LOW	Q16	22.66	22.86	22.81	25.50
		MID	Q16	22.75	22.98	22.92	25.50
		HIGH	Q16	22.74	22.96	22.79	25.50
	25	LOW	Q16	22.68	22.80	22.76	25.50
		MID	Q16	22.68	22.80	22.76	25.50
		HIGH	Q16	22.68	22.80	22.76	25.50
5	1	LOW	64QAM	22.73	23.21	22.76	25.50
		MID	64QAM	22.77	23.29	23.03	25.50
		HIGH	64QAM	22.58	23.37	22.68	25.50
	12	LOW	64QAM	21.51	21.94	21.92	25.50
		MID	64QAM	21.82	21.96	21.84	25.50
		HIGH	64QAM	21.59	21.92	21.64	25.50
5	25	LOW	64QAM	21.76	21.73	21.59	25.50
		MID	64QAM	21.76	21.73	21.59	25.50
		HIGH	64QAM	21.76	21.73	21.59	25.50
	1	LOW	64QAM	21.76	21.73	21.59	25.50
		MID	64QAM	21.76	21.73	21.59	25.50
		HIGH	64QAM	21.76	21.73	21.59	25.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.64	24.71	24.78	25.50
		MID	QPSK	24.67	24.82	24.81	25.50
		HIGH	QPSK	24.76	24.73	24.75	25.50
	25	LOW	QPSK	23.53	23.67	23.62	25.50
		MID	QPSK	23.65	23.81	23.78	25.50
		HIGH	QPSK	23.67	23.89	23.74	25.50
10	50	LOW	QPSK	23.62	23.82	23.73	25.50
		MID	QPSK	23.62	23.82	23.73	25.50
		HIGH	QPSK	23.62	23.82	23.73	25.50
	1	LOW	Q16	23.54	24.05	23.74	25.50
		MID	Q16	23.61	24.22	23.74	25.50
		HIGH	Q16	23.58	24.21	23.81	25.50
10	25	LOW	Q16	22.59	22.73	22.79	25.50
		MID	Q16	22.73	22.82	22.83	25.50
		HIGH	Q16	22.74	22.86	22.87	25.50
	50	LOW	Q16	22.65	22.86	22.79	25.50
		MID	Q16	22.65	22.86	22.79	25.50
		HIGH	Q16	22.65	22.86	22.79	25.50
10	1	LOW	64QAM	22.65	23.11	22.87	25.50
		MID	64QAM	22.58	23.11	22.73	25.50
		HIGH	64QAM	22.49	23.25	22.73	25.50
	25	LOW	64QAM	21.55	21.77	21.76	25.50
		MID	64QAM	21.88	21.89	21.65	25.50
		HIGH	64QAM	21.80	21.94	21.77	25.50
10	50	LOW	64QAM	21.60	21.89	21.70	25.50
		MID	64QAM	21.60	21.89	21.70	25.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.51	24.65	24.70	25.50
		MID	QPSK	24.76	24.82	24.91	25.50
		HIGH	QPSK	24.64	24.74	24.81	25.50
	36	LOW	QPSK	23.59	23.73	23.68	25.50
		MID	QPSK	23.81	23.83	23.78	25.50
		HIGH	QPSK	23.78	23.82	23.85	25.50
	75	LOW	QPSK	23.76	23.82	23.76	25.50
15	1	LOW	Q16	23.44	24.05	24.08	25.50
		MID	Q16	23.63	24.12	24.17	25.50
		HIGH	Q16	23.54	24.03	24.12	25.50
	36	LOW	Q16	22.59	22.81	22.70	25.50
		MID	Q16	22.70	22.89	22.72	25.50
		HIGH	Q16	22.73	22.90	22.78	25.50
	75	LOW	Q16	22.65	22.86	22.70	25.50
15	1	LOW	64QAM	22.55	22.86	22.88	25.50
		MID	64QAM	22.68	23.24	23.04	25.50
		HIGH	64QAM	22.53	23.06	22.98	25.50
	36	LOW	64QAM	21.49	21.66	21.65	25.50
		MID	64QAM	21.61	21.74	21.71	25.50
		HIGH	64QAM	21.57	21.99	21.79	25.50
	75	LOW	64QAM	21.51	21.84	21.87	25.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.48	24.57	24.57	25.50
		MID	QPSK	24.76	24.90	24.85	25.50
		HIGH	QPSK	24.74	24.78	24.68	25.50
	50	LOW	QPSK	23.61	23.68	23.66	25.50
		MID	QPSK	23.83	23.83	23.76	25.50
		HIGH	QPSK	23.74	23.89	23.75	25.50
100	LOW	QPSK	23.71	23.82	23.66	25.50	
20	1	LOW	Q16	23.96	23.91	24.02	25.50
		MID	Q16	24.22	24.30	24.15	25.50
		HIGH	Q16	24.17	24.09	24.05	25.50
	50	LOW	Q16	22.59	22.76	22.60	25.50
		MID	Q16	22.79	22.85	22.84	25.50
		HIGH	Q16	22.84	22.91	22.75	25.50
	100	LOW	Q16	22.75	22.81	22.77	25.50
20	1	LOW	64QAM	23.09	22.93	23.11	25.50
		MID	64QAM	23.28	23.15	23.12	25.50
		HIGH	64QAM	23.10	22.93	23.00	25.50
	50	LOW	64QAM	21.80	21.83	21.58	25.50
		MID	64QAM	21.89	22.02	21.61	25.50
		HIGH	64QAM	21.89	21.87	21.85	25.50
	100	LOW	64QAM	21.51	21.84	21.81	25.50

LTE B4-DSI_4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.45	21.42	21.29	22.50
		MID	QPSK	21.49	21.46	21.43	22.50
		HIGH	QPSK	21.45	21.44	21.30	22.50
	3	LOW	QPSK	21.58	21.54	21.51	22.50
		MID	QPSK	21.59	21.57	21.54	22.50
		HIGH	QPSK	21.57	21.56	21.52	22.50
	6	LOW	QPSK	21.62	21.62	21.56	22.50
	1.4	LOW	Q16	21.64	21.85	21.44	22.50
		MID	Q16	21.71	21.93	21.52	22.50
		HIGH	Q16	21.64	21.87	21.44	22.50
	3	LOW	Q16	21.69	21.83	21.73	22.50
		MID	Q16	21.69	21.81	21.76	22.50
		HIGH	Q16	21.71	21.79	21.76	22.50
	6	LOW	Q16	21.81	21.59	21.78	22.50
1.4	1	LOW	64QAM	21.56	21.78	21.29	22.50
		MID	64QAM	21.85	21.82	21.66	22.50
		HIGH	64QAM	21.60	21.77	21.56	22.50
	3	LOW	64QAM	21.55	21.88	21.67	22.50
		MID	64QAM	21.76	21.83	21.74	22.50
		HIGH	64QAM	21.63	21.65	21.74	22.50
	6	LOW	64QAM	21.82	21.48	21.64	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	21.29	21.28	21.24	22.50
		MID	QPSK	21.32	21.37	21.27	22.50
		HIGH	QPSK	21.25	21.29	21.27	22.50
	8	LOW	QPSK	21.52	21.53	21.49	22.50
		MID	QPSK	21.59	21.59	21.54	22.50
		HIGH	QPSK	21.50	21.53	21.48	22.50
3	15	LOW	QPSK	21.48	21.49	21.45	22.50
	1	LOW	Q16	21.35	20.73	21.37	22.50
		MID	Q16	21.38	21.83	21.42	22.50
		HIGH	Q16	21.28	21.73	21.36	22.50
	8	LOW	Q16	21.70	21.72	21.56	22.50
		MID	Q16	21.71	21.75	21.67	22.50
		HIGH	Q16	21.69	21.64	21.56	22.50
	15	LOW	Q16	21.62	21.57	21.46	22.50
	3	LOW	64QAM	21.34	21.66	21.30	22.50
		MID	64QAM	21.45	21.43	21.39	22.50
		HIGH	64QAM	21.43	21.76	21.36	22.50
	8	LOW	64QAM	21.78	21.59	21.48	22.50
		MID	64QAM	21.66	21.84	21.53	22.50
		HIGH	64QAM	21.63	21.70	21.57	22.50
	15	LOW	64QAM	21.61	21.59	21.41	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	21.63	21.56	21.48	22.50
		MID	QPSK	21.71	21.67	21.58	22.50
		HIGH	QPSK	21.59	21.58	21.48	22.50
	12	LOW	QPSK	21.50	21.61	21.50	22.50
		MID	QPSK	21.66	21.68	21.57	22.50
		HIGH	QPSK	21.68	21.61	21.55	22.50
5	25	LOW	QPSK	21.61	21.70	21.55	22.50
		MID	QPSK	21.61	21.70	21.55	22.50
		HIGH	QPSK	21.61	21.70	21.55	22.50
	1	LOW	Q16	21.84	21.15	21.70	22.50
		MID	Q16	21.94	21.49	21.78	22.50
		HIGH	Q16	21.81	21.17	21.73	22.50
5	12	LOW	Q16	21.69	21.77	21.64	22.50
		MID	Q16	21.80	21.87	21.72	22.50
		HIGH	Q16	21.84	21.84	21.65	22.50
	25	LOW	Q16	21.70	21.76	21.55	22.50
		MID	Q16	21.70	21.76	21.55	22.50
		HIGH	Q16	21.70	21.76	21.55	22.50
5	1	LOW	64QAM	21.94	21.21	21.71	22.50
		MID	64QAM	21.80	21.49	21.91	22.50
		HIGH	64QAM	21.93	21.04	21.78	22.50
	12	LOW	64QAM	21.62	21.65	21.68	22.50
		MID	64QAM	21.91	21.96	21.72	22.50
		HIGH	64QAM	21.83	21.96	21.80	22.50
5	25	LOW	64QAM	21.72	21.71	21.48	22.50
		MID	64QAM	21.72	21.71	21.48	22.50
		HIGH	64QAM	21.72	21.71	21.48	22.50
	1	LOW	64QAM	21.72	21.71	21.48	22.50
		MID	64QAM	21.72	21.71	21.48	22.50
		HIGH	64QAM	21.72	21.71	21.48	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	21.63	21.63	21.53	22.50
		MID	QPSK	21.62	21.71	21.58	22.50
		HIGH	QPSK	21.62	21.62	21.54	22.50
	25	LOW	QPSK	21.51	21.63	21.48	22.50
		MID	QPSK	21.70	21.73	21.64	22.50
		HIGH	QPSK	21.69	21.66	21.55	22.50
10	50	LOW	QPSK	21.64	21.66	21.54	22.50
		MID	QPSK	21.64	21.66	21.54	22.50
		HIGH	QPSK	21.64	21.66	21.54	22.50
	1	LOW	Q16	21.66	22.10	21.61	22.50
		MID	Q16	21.68	22.13	21.70	22.50
		HIGH	Q16	21.64	22.06	21.66	22.50
10	25	LOW	Q16	21.55	21.66	21.59	22.50
		MID	Q16	21.74	21.78	21.76	22.50
		HIGH	Q16	21.74	21.77	21.69	22.50
	50	LOW	Q16	21.63	21.73	21.62	22.50
		MID	Q16	21.63	21.73	21.62	22.50
		HIGH	Q16	21.63	21.73	21.62	22.50
10	1	LOW	64QAM	21.52	22.07	21.49	22.50
		MID	64QAM	21.80	22.01	21.77	22.50
		HIGH	64QAM	21.53	21.95	21.74	22.50
	25	LOW	64QAM	21.57	21.59	21.55	22.50
		MID	64QAM	21.87	21.65	21.61	22.50
		HIGH	64QAM	21.88	21.87	21.78	22.50
10	50	LOW	64QAM	21.59	21.79	21.62	22.50
		MID	64QAM	21.59	21.79	21.62	22.50
		HIGH	64QAM	21.59	21.79	21.62	22.50
	1	LOW	64QAM	21.59	21.79	21.62	22.50
		MID	64QAM	21.59	21.79	21.62	22.50
		HIGH	64QAM	21.59	21.79	21.62	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	21.58	21.56	21.51	22.50
		MID	QPSK	21.66	21.69	21.63	22.50
		HIGH	QPSK	21.53	21.59	21.51	22.50
	36	LOW	QPSK	21.52	21.60	21.51	22.50
		MID	QPSK	21.66	21.67	21.62	22.50
		HIGH	QPSK	21.67	21.66	21.57	22.50
	75	LOW	QPSK	21.58	21.68	21.58	22.50
15	1	LOW	Q16	21.57	22.00	21.08	22.50
		MID	Q16	21.70	22.17	21.35	22.50
		HIGH	Q16	21.58	21.98	21.29	22.50
	36	LOW	Q16	21.53	21.66	21.49	22.50
		MID	Q16	21.63	21.71	21.57	22.50
		HIGH	Q16	21.65	21.76	21.55	22.50
	75	LOW	Q16	21.61	21.68	21.58	22.50
15	1	LOW	64QAM	21.65	22.04	21.07	22.50
		MID	64QAM	21.58	22.15	21.41	22.50
		HIGH	64QAM	21.54	21.87	21.28	22.50
	36	LOW	64QAM	21.39	21.52	21.59	22.50
		MID	64QAM	21.78	21.57	21.44	22.50
		HIGH	64QAM	21.74	21.75	21.48	22.50
	75	LOW	64QAM	21.68	21.83	21.72	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	21.55	21.55	21.48	22.50
		MID	QPSK	21.70	21.74	21.57	22.50
		HIGH	QPSK	21.51	21.57	21.36	22.50
	50	LOW	QPSK	21.45	21.68	21.48	22.50
		MID	QPSK	21.66	21.69	21.62	22.50
		HIGH	QPSK	21.55	21.67	21.59	22.50
20	100	LOW	QPSK	21.51	21.67	21.58	22.50
	1	LOW	Q16	21.40	21.29	21.09	22.50
		MID	Q16	21.50	21.56	21.28	22.50
		HIGH	Q16	21.27	21.42	20.92	22.50
	50	LOW	Q16	21.53	21.74	21.52	22.50
		MID	Q16	21.78	21.77	21.64	22.50
		HIGH	Q16	21.68	21.80	21.65	22.50
	100	LOW	Q16	21.59	21.74	21.62	22.50
20	1	LOW	64QAM	21.27	21.42	20.95	22.50
		MID	64QAM	21.52	21.41	21.31	22.50
		HIGH	64QAM	21.37	21.52	20.85	22.50
	50	LOW	64QAM	21.65	21.70	21.52	22.50
		MID	64QAM	21.93	21.74	21.61	22.50
		HIGH	64QAM	21.72	21.74	21.60	22.50
	100	LOW	64QAM	21.47	21.74	21.64	22.50

8.3.3 LTE Band5 Output Power

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	24.11	24.16	24.11	25.50
		MID	QPSK	24.18	24.19	24.19	25.50
		HIGH	QPSK	24.16	24.16	24.11	25.50
	3	LOW	QPSK	24.25	24.24	24.24	25.50
		MID	QPSK	24.28	24.30	24.26	25.50
		HIGH	QPSK	24.24	24.25	24.25	25.50
	6	LOW	QPSK	23.36	23.35	23.32	24.50
	1.4	LOW	Q16	23.26	23.55	23.15	24.50
		MID	Q16	23.31	23.52	23.19	24.50
		HIGH	Q16	23.22	23.55	23.12	24.50
		LOW	Q16	23.27	23.44	23.37	24.50
		MID	Q16	23.31	23.43	23.40	24.50
		HIGH	Q16	23.28	23.43	23.40	24.50
	6	LOW	Q16	22.51	22.21	22.46	23.50
1.4	1	LOW	64QAM	22.18	22.40	22.20	23.50
		MID	64QAM	22.18	22.37	22.33	23.50
		HIGH	64QAM	22.22	22.45	22.18	23.50
	3	LOW	64QAM	22.37	22.55	22.45	23.50
		MID	64QAM	22.32	22.42	22.27	23.50
		HIGH	64QAM	22.34	22.36	22.45	23.50
	6	LOW	64QAM	21.64	21.18	21.61	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.08	24.05	24.07	25.50
		MID	QPSK	24.17	24.12	24.15	25.50
		HIGH	QPSK	24.09	24.06	24.03	25.50
	8	LOW	QPSK	23.28	23.28	23.22	24.50
		MID	QPSK	23.37	23.37	23.33	24.50
		HIGH	QPSK	23.26	23.31	23.23	24.50
3	15	LOW	QPSK	23.24	23.26	23.23	24.50
	3	LOW	Q16	22.96	23.38	23.10	24.50
		MID	Q16	23.03	23.49	23.08	24.50
		HIGH	Q16	22.93	23.45	23.07	24.50
		LOW	Q16	22.42	22.40	22.34	23.50
		MID	Q16	22.47	22.47	22.34	23.50
		HIGH	Q16	22.44	22.36	22.25	23.50
	15	LOW	Q16	22.32	22.27	22.21	23.50
	3	LOW	64QAM	21.86	22.51	21.98	23.50
		MID	64QAM	22.14	22.52	22.00	23.50
		HIGH	64QAM	21.89	22.47	22.13	23.50
		LOW	64QAM	21.54	21.53	21.37	22.50
		MID	64QAM	21.47	21.39	21.37	22.50
		HIGH	64QAM	21.48	21.32	21.29	22.50
3	15	LOW	64QAM	21.40	21.17	21.21	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	24.31	24.28	25.50
		MID	QPSK	24.43	24.37	24.40	25.50
		HIGH	QPSK	24.33	24.32	24.26	25.50
	12	LOW	QPSK	23.35	23.25	23.30	24.50
		MID	QPSK	23.36	23.38	23.36	24.50
		HIGH	QPSK	23.34	23.32	23.25	24.50
	25	LOW	QPSK	23.33	23.35	23.32	24.50
5	1	LOW	Q16	23.50	23.79	23.41	24.50
		MID	Q16	23.57	23.96	23.46	24.50
		HIGH	Q16	23.47	23.86	23.42	24.50
	12	LOW	Q16	22.49	22.46	22.43	23.50
		MID	Q16	22.50	22.56	22.44	23.50
		HIGH	Q16	22.44	22.52	22.36	23.50
	25	LOW	Q16	22.39	22.45	22.31	23.50
5	1	LOW	64QAM	22.50	22.90	22.31	23.50
		MID	64QAM	22.53	23.11	22.53	23.50
		HIGH	64QAM	22.51	22.74	22.45	23.50
	12	LOW	64QAM	21.52	21.44	21.47	22.50
		MID	64QAM	21.58	21.63	21.36	22.50
		HIGH	64QAM	21.32	21.55	21.31	22.50
	25	LOW	64QAM	21.41	21.33	21.45	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.38	24.36	24.34	25.50
		MID	QPSK	24.41	24.39	24.44	25.50
		HIGH	QPSK	24.39	24.44	24.38	25.50
	25	LOW	QPSK	23.34	23.34	23.42	24.50
		MID	QPSK	23.45	23.47	23.43	24.50
		HIGH	QPSK	23.37	23.38	23.25	24.50
50	LOW	QPSK	23.28	23.33	23.30	24.50	
10	1	LOW	Q16	23.26	23.69	23.39	24.50
		MID	Q16	23.29	23.79	23.41	24.50
		HIGH	Q16	23.25	23.76	23.36	24.50
	25	LOW	Q16	22.36	22.37	22.47	23.50
		MID	Q16	22.46	22.47	22.50	23.50
		HIGH	Q16	22.41	22.40	22.32	23.50
	50	LOW	Q16	22.39	22.34	22.36	23.50
10	1	LOW	64QAM	22.28	22.74	22.39	23.50
		MID	64QAM	22.27	22.75	22.49	23.50
		HIGH	64QAM	22.30	22.91	22.31	23.50
	25	LOW	64QAM	21.40	21.51	21.59	22.50
		MID	64QAM	21.60	21.55	21.49	22.50
		HIGH	64QAM	21.52	21.35	21.32	22.50
	50	LOW	64QAM	21.38	21.35	21.31	22.50

LTE B5-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.99	22.14	22.26	23.50
		MID	QPSK	22.05	22.18	22.33	23.50
		HIGH	QPSK	22.03	22.13	22.24	23.50
	3	LOW	QPSK	22.12	22.24	22.38	23.50
		MID	QPSK	22.18	22.26	22.43	23.50
		HIGH	QPSK	22.13	22.23	22.41	23.50
	6	LOW	QPSK	22.20	22.33	22.48	23.50
1.4	1	LOW	Q16	22.11	22.51	22.30	23.50
		MID	Q16	22.23	22.55	22.36	23.50
		HIGH	Q16	22.16	22.55	22.32	23.50
	3	LOW	Q16	22.16	22.41	22.53	23.50
		MID	Q16	22.19	22.47	22.60	23.50
		HIGH	Q16	22.21	22.42	22.58	23.50
	6	LOW	Q16	22.34	22.21	22.64	23.50
1.4	1	LOW	64QAM	21.03	21.47	21.30	22.50
		MID	64QAM	21.27	21.44	21.47	22.50
		HIGH	64QAM	21.06	21.65	21.33	22.50
	3	LOW	64QAM	21.12	21.47	21.66	22.50
		MID	64QAM	21.10	21.34	21.49	22.50
		HIGH	64QAM	21.22	21.27	21.49	22.50
	6	LOW	64QAM	21.48	21.19	21.74	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	21.81	22.03	22.11	23.50
		MID	QPSK	21.93	22.10	22.24	23.50
		HIGH	QPSK	21.91	22.01	22.13	23.50
	8	LOW	QPSK	22.15	22.25	22.34	23.50
		MID	QPSK	22.19	22.34	22.43	23.50
		HIGH	QPSK	22.10	22.25	22.34	23.50
3	15	LOW	QPSK	22.06	22.23	22.33	23.50
	1	LOW	Q16	21.81	22.41	22.16	23.50
		MID	Q16	21.92	22.49	22.24	23.50
		HIGH	Q16	21.79	22.41	22.19	23.50
	8	LOW	Q16	22.22	22.35	22.38	23.50
		MID	Q16	22.31	22.40	22.46	23.50
		HIGH	Q16	22.20	22.32	22.40	23.50
	15	LOW	Q16	22.12	22.26	22.30	23.50
3	1	LOW	64QAM	20.86	21.56	21.28	22.50
		MID	64QAM	20.96	21.64	21.26	22.50
		HIGH	64QAM	20.70	21.56	21.29	22.50
	8	LOW	64QAM	21.12	21.43	21.36	22.50
		MID	64QAM	21.33	21.29	21.60	22.50
		HIGH	64QAM	21.17	21.30	21.55	22.50
	15	LOW	64QAM	21.24	21.38	21.21	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.13	22.25	22.32	23.50
		MID	QPSK	22.31	22.38	22.49	23.50
		HIGH	QPSK	22.17	22.25	22.41	23.50
	12	LOW	QPSK	22.16	22.23	22.38	23.50
		MID	QPSK	22.23	22.34	22.43	23.50
		HIGH	QPSK	22.16	22.31	22.39	23.50
	25	LOW	QPSK	22.20	22.34	22.42	23.50
5	1	LOW	Q16	22.25	21.86	22.46	23.50
		MID	Q16	22.46	22.02	22.58	23.50
		HIGH	Q16	22.35	21.84	22.53	23.50
	12	LOW	Q16	22.22	22.40	22.48	23.50
		MID	Q16	22.31	22.53	22.54	23.50
		HIGH	Q16	22.25	22.48	22.44	23.50
	25	LOW	Q16	22.19	22.42	22.38	23.50
5	1	LOW	64QAM	21.26	21.83	21.35	22.50
		MID	64QAM	21.35	21.96	21.46	22.50
		HIGH	64QAM	21.30	21.65	21.54	22.50
	12	LOW	64QAM	21.09	21.53	21.52	22.50
		MID	64QAM	21.18	21.64	21.60	22.50
		HIGH	64QAM	21.26	21.59	21.33	22.50
	25	LOW	64QAM	21.06	21.52	21.38	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.15	22.31	22.33	23.50
		MID	QPSK	22.24	22.39	22.36	23.50
		HIGH	QPSK	22.30	22.39	22.39	23.50
	25	LOW	QPSK	22.19	22.28	22.37	23.50
		MID	QPSK	22.28	22.38	22.38	23.50
	50	HIGH	QPSK	22.23	22.34	22.31	23.50
10	1	LOW	QPSK	22.22	22.31	22.33	23.50
	1	LOW	Q16	22.13	22.71	22.37	23.50
		MID	Q16	22.23	22.73	22.46	23.50
		HIGH	Q16	22.24	22.77	22.48	23.50
	25	LOW	Q16	22.21	22.29	22.44	23.50
		MID	Q16	22.27	22.43	22.50	23.50
		HIGH	Q16	22.26	22.36	22.38	23.50
	50	LOW	Q16	22.17	22.32	22.36	23.50
10	1	LOW	64QAM	21.12	21.83	21.22	22.50
		MID	64QAM	21.23	21.82	21.56	22.50
		HIGH	64QAM	21.12	21.68	21.46	22.50
	25	LOW	64QAM	21.23	21.38	21.57	22.50
		MID	64QAM	21.38	21.44	21.42	22.50
		HIGH	64QAM	21.23	21.45	21.35	22.50
	50	LOW	64QAM	21.30	21.43	21.43	22.50

LTE B5-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.11	24.16	24.11	25.50
		MID	QPSK	24.18	24.19	24.19	25.50
		HIGH	QPSK	24.16	24.16	24.11	25.50
	3	LOW	QPSK	24.25	24.24	24.24	25.50
		MID	QPSK	24.28	24.30	24.26	25.50
		HIGH	QPSK	24.24	24.25	24.25	25.50
	6	LOW	QPSK	23.36	23.35	23.32	24.50
1.4	1	LOW	Q16	23.26	23.55	23.15	24.50
		MID	Q16	23.31	23.52	23.19	24.50
		HIGH	Q16	23.22	23.55	23.12	24.50
	3	LOW	Q16	23.27	23.44	23.37	24.50
		MID	Q16	23.31	23.43	23.40	24.50
		HIGH	Q16	23.28	23.43	23.40	24.50
	6	LOW	Q16	22.51	22.21	22.46	23.50
1.4	1	LOW	64QAM	22.18	22.40	22.20	23.50
		MID	64QAM	22.18	22.37	22.33	23.50
		HIGH	64QAM	22.22	22.45	22.18	23.50
	3	LOW	64QAM	22.37	22.55	22.45	23.50
		MID	64QAM	22.32	22.42	22.27	23.50
		HIGH	64QAM	22.34	22.36	22.45	23.50
	6	LOW	64QAM	21.64	21.18	21.61	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.08	24.05	24.07	25.50
		MID	QPSK	24.17	24.12	24.15	25.50
		HIGH	QPSK	24.09	24.06	24.03	25.50
	8	LOW	QPSK	23.28	23.28	23.22	24.50
		MID	QPSK	23.37	23.37	23.33	24.50
		HIGH	QPSK	23.26	23.31	23.23	24.50
3	15	LOW	QPSK	23.24	23.26	23.23	24.50
3	1	LOW	Q16	22.96	23.38	23.10	24.50
		MID	Q16	23.03	23.49	23.08	24.50
		HIGH	Q16	22.93	23.45	23.07	24.50
	8	LOW	Q16	22.42	22.40	22.34	23.50
		MID	Q16	22.47	22.47	22.34	23.50
		HIGH	Q16	22.44	22.36	22.25	23.50
	15	LOW	Q16	22.32	22.27	22.21	23.50
3	1	LOW	64QAM	21.86	22.51	21.98	23.50
		MID	64QAM	22.14	22.52	22.00	23.50
		HIGH	64QAM	21.89	22.47	22.13	23.50
	8	LOW	64QAM	21.54	21.53	21.37	22.50
		MID	64QAM	21.47	21.39	21.37	22.50
		HIGH	64QAM	21.48	21.32	21.29	22.50
	15	LOW	64QAM	21.40	21.17	21.21	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	24.31	24.28	25.50
		MID	QPSK	24.43	24.37	24.40	25.50
		HIGH	QPSK	24.33	24.32	24.26	25.50
	12	LOW	QPSK	23.35	23.25	23.30	24.50
		MID	QPSK	23.36	23.38	23.36	24.50
		HIGH	QPSK	23.34	23.32	23.25	24.50
	25	LOW	QPSK	23.33	23.35	23.32	24.50
5	1	LOW	Q16	23.50	23.79	23.41	24.50
		MID	Q16	23.57	23.96	23.46	24.50
		HIGH	Q16	23.47	23.86	23.42	24.50
	12	LOW	Q16	22.49	22.46	22.43	23.50
		MID	Q16	22.50	22.56	22.44	23.50
		HIGH	Q16	22.44	22.52	22.36	23.50
	25	LOW	Q16	22.39	22.45	22.31	23.50
5	1	LOW	64QAM	22.50	22.90	22.31	23.50
		MID	64QAM	22.53	23.11	22.53	23.50
		HIGH	64QAM	22.51	22.74	22.45	23.50
	12	LOW	64QAM	21.52	21.44	21.47	22.50
		MID	64QAM	21.58	21.63	21.36	22.50
		HIGH	64QAM	21.32	21.55	21.31	22.50
	25	LOW	64QAM	21.41	21.33	21.45	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.38	24.36	24.34	25.50
		MID	QPSK	24.41	24.39	24.44	25.50
		HIGH	QPSK	24.39	24.44	24.38	25.50
	25	LOW	QPSK	23.34	23.34	23.42	24.50
		MID	QPSK	23.45	23.47	23.43	24.50
		HIGH	QPSK	23.37	23.38	23.25	24.50
50	LOW	QPSK	23.28	23.33	23.30	24.50	
10	1	LOW	Q16	23.26	23.69	23.39	24.50
		MID	Q16	23.29	23.79	23.41	24.50
		HIGH	Q16	23.25	23.76	23.36	24.50
	25	LOW	Q16	22.36	22.37	22.47	23.50
		MID	Q16	22.46	22.47	22.50	23.50
		HIGH	Q16	22.41	22.40	22.32	23.50
50	LOW	Q16	22.39	22.34	22.36	23.50	
10	1	LOW	64QAM	22.28	22.74	22.39	23.50
		MID	64QAM	22.27	22.75	22.49	23.50
		HIGH	64QAM	22.30	22.91	22.31	23.50
	25	LOW	64QAM	21.40	21.51	21.59	22.50
		MID	64QAM	21.60	21.55	21.49	22.50
		HIGH	64QAM	21.52	21.35	21.32	22.50
50	LOW	64QAM	21.38	21.35	21.31	22.50	

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	24.40	24.40	24.34	25.50
		MID	QPSK	24.43	24.44	24.44	25.50
		HIGH	QPSK	24.40	24.39	24.37	25.50
	3	LOW	QPSK	24.47	24.47	24.46	25.50
		MID	QPSK	24.52	24.53	24.51	25.50
		HIGH	QPSK	24.48	24.49	24.50	25.50
	6	LOW	QPSK	23.60	23.58	23.56	24.50
	1.4	LOW	Q16	23.46	23.73	23.40	24.50
		MID	Q16	23.54	23.77	23.42	24.50
		HIGH	Q16	23.47	23.72	23.35	24.50
		LOW	Q16	23.53	23.66	23.61	24.50
		MID	Q16	23.53	23.66	23.65	24.50
		HIGH	Q16	23.53	23.65	23.65	24.50
	6	LOW	Q16	22.71	22.50	22.70	23.50
1.4	1	LOW	64QAM	22.51	22.65	22.51	23.50
		MID	64QAM	22.68	22.69	22.44	23.50
		HIGH	64QAM	22.59	22.69	22.25	23.50
	3	LOW	64QAM	22.52	22.67	22.72	23.50
		MID	64QAM	22.64	22.53	22.53	23.50
		HIGH	64QAM	22.63	22.50	22.63	23.50
	6	LOW	64QAM	21.67	21.44	21.85	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.29	24.29	24.29	25.50
		MID	QPSK	24.36	24.38	24.37	25.50
		HIGH	QPSK	24.34	24.31	24.32	25.50
	8	LOW	QPSK	23.58	23.55	23.49	24.50
		MID	QPSK	23.60	23.63	23.56	24.50
		HIGH	QPSK	23.52	23.52	23.50	24.50
	15	LOW	QPSK	23.50	23.47	23.49	24.50
3	1	LOW	Q16	23.16	23.67	23.34	24.50
		MID	Q16	23.23	23.80	23.38	24.50
		HIGH	Q16	23.17	23.74	23.25	24.50
	8	LOW	Q16	22.68	22.60	22.55	23.50
		MID	Q16	22.75	22.69	22.58	23.50
		HIGH	Q16	22.64	22.62	22.50	23.50
	15	LOW	Q16	22.55	22.51	22.41	23.50
3	1	LOW	64QAM	22.27	22.59	22.31	23.50
		MID	64QAM	22.37	22.73	22.41	23.50
		HIGH	64QAM	22.31	22.71	22.22	23.50
	8	LOW	64QAM	21.69	21.55	21.52	23.50
		MID	64QAM	21.78	21.58	21.65	23.50
		HIGH	64QAM	21.79	21.73	21.58	23.50
	15	LOW	64QAM	21.61	21.58	21.27	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.52	24.55	24.52	25.50
		MID	QPSK	24.69	24.62	24.63	25.50
		HIGH	QPSK	24.54	24.56	24.52	25.50
	12	LOW	QPSK	23.54	23.49	23.58	24.50
		MID	QPSK	23.55	23.61	23.60	24.50
		HIGH	QPSK	23.54	23.55	23.46	24.50
25	LOW	QPSK	23.53	23.60	23.58	24.50	
5	1	LOW	Q16	23.67	24.02	23.63	24.50
		MID	Q16	23.77	24.16	23.72	24.50
		HIGH	Q16	23.65	24.05	23.61	24.50
	12	LOW	Q16	22.67	22.70	22.66	23.50
		MID	Q16	22.76	22.78	22.66	23.50
		HIGH	Q16	22.66	22.74	22.58	23.50
25	LOW	Q16	22.61	22.66	22.53	23.50	
5	1	LOW	64QAM	22.59	23.01	22.61	23.50
		MID	64QAM	22.84	23.30	22.68	23.50
		HIGH	64QAM	22.79	23.02	22.55	23.50
	12	LOW	64QAM	21.75	21.80	21.76	22.50
		MID	64QAM	21.88	21.86	21.52	22.50
		HIGH	64QAM	21.65	21.73	21.67	22.50
25	LOW	64QAM	21.47	21.72	21.41	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.59	24.57	24.57	25.50
		MID	QPSK	24.64	24.64	24.57	25.50
		HIGH	QPSK	24.59	24.63	24.64	25.50
	25	LOW	QPSK	23.55	23.56	23.65	24.50
		MID	QPSK	23.63	23.69	23.68	24.50
		HIGH	QPSK	23.56	23.60	23.47	24.50
50	LOW	QPSK	23.53	23.54	23.52	24.50	
10	1	LOW	Q16	23.47	23.88	23.62	24.50
		MID	Q16	23.50	23.99	23.64	24.50
		HIGH	Q16	23.45	23.99	23.56	24.50
	25	LOW	Q16	22.60	22.65	22.67	23.50
		MID	Q16	22.61	22.71	22.73	23.50
		HIGH	Q16	22.65	22.59	22.54	23.50
50	LOW	Q16	22.62	22.57	22.56	23.50	
10	1	LOW	64QAM	22.41	22.89	22.56	23.50
		MID	64QAM	22.62	22.85	22.74	23.50
		HIGH	64QAM	22.33	23.06	22.66	23.50
	25	LOW	64QAM	21.70	21.78	21.75	22.50
		MID	64QAM	21.74	21.76	21.66	22.50
		HIGH	64QAM	21.50	21.62	21.69	22.50
50	LOW	64QAM	21.73	21.48	21.63	22.50	

LTE B5-DSI_1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.40	24.40	24.34	25.50
		MID	QPSK	24.43	24.44	24.44	25.50
		HIGH	QPSK	24.40	24.39	24.37	25.50
	3	LOW	QPSK	24.47	24.47	24.46	25.50
		MID	QPSK	24.52	24.53	24.51	25.50
		HIGH	QPSK	24.48	24.49	24.50	25.50
	6	LOW	QPSK	23.60	23.58	23.56	24.50
	1.4	LOW	Q16	23.46	23.73	23.40	24.50
		MID	Q16	23.54	23.77	23.42	24.50
		HIGH	Q16	23.47	23.72	23.35	24.50
		LOW	Q16	23.53	23.66	23.61	24.50
		MID	Q16	23.53	23.66	23.65	24.50
		HIGH	Q16	23.53	23.65	23.65	24.50
	6	LOW	Q16	22.71	22.50	22.70	23.50
1.4	1	LOW	64QAM	22.51	22.65	22.51	23.50
		MID	64QAM	22.68	22.69	22.44	23.50
		HIGH	64QAM	22.59	22.69	22.25	23.50
	3	LOW	64QAM	22.52	22.67	22.72	23.50
		MID	64QAM	22.64	22.53	22.53	23.50
		HIGH	64QAM	22.63	22.50	22.63	23.50
	6	LOW	64QAM	21.67	21.44	21.85	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.29	24.29	24.29	25.50
		MID	QPSK	24.36	24.38	24.37	25.50
		HIGH	QPSK	24.34	24.31	24.32	25.50
	8	LOW	QPSK	23.58	23.55	23.49	24.50
		MID	QPSK	23.60	23.63	23.56	24.50
		HIGH	QPSK	23.52	23.52	23.50	24.50
3	15	LOW	QPSK	23.50	23.47	23.49	24.50
	1	LOW	Q16	23.16	23.67	23.34	24.50
		MID	Q16	23.23	23.80	23.38	24.50
		HIGH	Q16	23.17	23.74	23.25	24.50
	8	LOW	Q16	22.68	22.60	22.55	23.50
		MID	Q16	22.75	22.69	22.58	23.50
		HIGH	Q16	22.64	22.62	22.50	23.50
	15	LOW	Q16	22.55	22.51	22.41	23.50
	3	LOW	64QAM	22.27	22.59	22.31	23.50
		MID	64QAM	22.37	22.73	22.41	23.50
		HIGH	64QAM	22.31	22.71	22.22	23.50
		LOW	64QAM	21.69	21.55	21.52	23.50
		MID	64QAM	21.78	21.58	21.65	23.50
		HIGH	64QAM	21.79	21.73	21.58	23.50
	15	LOW	64QAM	21.61	21.58	21.27	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.52	24.55	24.52	25.50
		MID	QPSK	24.69	24.62	24.63	25.50
		HIGH	QPSK	24.54	24.56	24.52	25.50
	12	LOW	QPSK	23.54	23.49	23.58	24.50
		MID	QPSK	23.55	23.61	23.60	24.50
		HIGH	QPSK	23.54	23.55	23.46	24.50
25	LOW	QPSK	23.53	23.60	23.58	24.50	
5	1	LOW	Q16	23.67	24.02	23.63	24.50
		MID	Q16	23.77	24.16	23.72	24.50
		HIGH	Q16	23.65	24.05	23.61	24.50
	12	LOW	Q16	22.67	22.70	22.66	23.50
		MID	Q16	22.76	22.78	22.66	23.50
		HIGH	Q16	22.66	22.74	22.58	23.50
25	LOW	Q16	22.61	22.66	22.53	23.50	
5	1	LOW	64QAM	22.59	23.01	22.61	23.50
		MID	64QAM	22.84	23.30	22.68	23.50
		HIGH	64QAM	22.79	23.02	22.55	23.50
	12	LOW	64QAM	21.75	21.80	21.76	22.50
		MID	64QAM	21.88	21.86	21.52	22.50
		HIGH	64QAM	21.65	21.73	21.67	22.50
25	LOW	64QAM	21.47	21.72	21.41	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.59	24.57	24.57	25.50
		MID	QPSK	24.64	24.64	24.57	25.50
		HIGH	QPSK	24.59	24.63	24.64	25.50
	25	LOW	QPSK	23.55	23.56	23.65	24.50
		MID	QPSK	23.63	23.69	23.68	24.50
		HIGH	QPSK	23.56	23.60	23.47	24.50
50	LOW	QPSK	23.53	23.54	23.52	24.50	
10	1	LOW	Q16	23.47	23.88	23.62	24.50
		MID	Q16	23.50	23.99	23.64	24.50
		HIGH	Q16	23.45	23.99	23.56	24.50
	25	LOW	Q16	22.60	22.65	22.67	23.50
		MID	Q16	22.61	22.71	22.73	23.50
		HIGH	Q16	22.65	22.59	22.54	23.50
50	LOW	Q16	22.62	22.57	22.56	23.50	
10	1	LOW	64QAM	22.41	22.89	22.56	23.50
		MID	64QAM	22.62	22.85	22.74	23.50
		HIGH	64QAM	22.33	23.06	22.66	23.50
	25	LOW	64QAM	21.70	21.78	21.75	22.50
		MID	64QAM	21.74	21.76	21.66	22.50
		HIGH	64QAM	21.50	21.62	21.69	22.50
50	LOW	64QAM	21.73	21.48	21.63	22.50	

LTE B5-DSI_4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.40	24.40	24.34	25.50
		MID	QPSK	24.43	24.44	24.44	25.50
		HIGH	QPSK	24.40	24.39	24.37	25.50
	3	LOW	QPSK	24.47	24.47	24.46	25.50
		MID	QPSK	24.52	24.53	24.51	25.50
		HIGH	QPSK	24.48	24.49	24.50	25.50
	6	LOW	QPSK	23.60	23.58	23.56	24.50
1.4	1	LOW	Q16	23.46	23.73	23.40	24.50
		MID	Q16	23.54	23.77	23.42	24.50
		HIGH	Q16	23.47	23.72	23.35	24.50
	3	LOW	Q16	23.53	23.66	23.61	24.50
		MID	Q16	23.53	23.66	23.65	24.50
		HIGH	Q16	23.53	23.65	23.65	24.50
	6	LOW	Q16	22.71	22.50	22.70	23.50
1.4	1	LOW	64QAM	22.51	22.65	22.51	23.50
		MID	64QAM	22.68	22.69	22.44	23.50
		HIGH	64QAM	22.59	22.69	22.25	23.50
	3	LOW	64QAM	22.52	22.67	22.72	23.50
		MID	64QAM	22.64	22.53	22.53	23.50
		HIGH	64QAM	22.63	22.50	22.63	23.50
	6	LOW	64QAM	21.67	21.44	21.85	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.29	24.29	24.29	25.50
		MID	QPSK	24.36	24.38	24.37	25.50
		HIGH	QPSK	24.34	24.31	24.32	25.50
	8	LOW	QPSK	23.58	23.55	23.49	24.50
		MID	QPSK	23.60	23.63	23.56	24.50
		HIGH	QPSK	23.52	23.52	23.50	24.50
15	LOW	QPSK	23.50	23.47	23.49	24.50	
3	1	LOW	Q16	23.16	23.67	23.34	24.50
		MID	Q16	23.23	23.80	23.38	24.50
		HIGH	Q16	23.17	23.74	23.25	24.50
	8	LOW	Q16	22.68	22.60	22.55	23.50
		MID	Q16	22.75	22.69	22.58	23.50
		HIGH	Q16	22.64	22.62	22.50	23.50
	15	LOW	Q16	22.55	22.51	22.41	23.50
3	1	LOW	64QAM	22.27	22.59	22.31	23.50
		MID	64QAM	22.37	22.73	22.41	23.50
		HIGH	64QAM	22.31	22.71	22.22	23.50
	8	LOW	64QAM	21.69	21.55	21.52	23.50
		MID	64QAM	21.78	21.58	21.65	23.50
		HIGH	64QAM	21.79	21.73	21.58	23.50
	15	LOW	64QAM	21.61	21.58	21.27	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.52	24.55	24.52	25.50
		MID	QPSK	24.69	24.62	24.63	25.50
		HIGH	QPSK	24.54	24.56	24.52	25.50
	12	LOW	QPSK	23.54	23.49	23.58	24.50
		MID	QPSK	23.55	23.61	23.60	24.50
		HIGH	QPSK	23.54	23.55	23.46	24.50
25	LOW	QPSK	23.53	23.60	23.58	24.50	
5	1	LOW	Q16	23.67	24.02	23.63	24.50
		MID	Q16	23.77	24.16	23.72	24.50
		HIGH	Q16	23.65	24.05	23.61	24.50
	12	LOW	Q16	22.67	22.70	22.66	23.50
		MID	Q16	22.76	22.78	22.66	23.50
		HIGH	Q16	22.66	22.74	22.58	23.50
25	LOW	Q16	22.61	22.66	22.53	23.50	
5	1	LOW	64QAM	22.59	23.01	22.61	23.50
		MID	64QAM	22.84	23.30	22.68	23.50
		HIGH	64QAM	22.79	23.02	22.55	23.50
	12	LOW	64QAM	21.75	21.80	21.76	22.50
		MID	64QAM	21.88	21.86	21.52	22.50
		HIGH	64QAM	21.65	21.73	21.67	22.50
25	LOW	64QAM	21.47	21.72	21.41	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.59	24.57	24.57	25.50
		MID	QPSK	24.64	24.64	24.57	25.50
		HIGH	QPSK	24.59	24.63	24.64	25.50
	25	LOW	QPSK	23.55	23.56	23.65	24.50
		MID	QPSK	23.63	23.69	23.68	24.50
		HIGH	QPSK	23.56	23.60	23.47	24.50
50	LOW	QPSK	23.53	23.54	23.52	24.50	
10	1	LOW	Q16	23.47	23.88	23.62	24.50
		MID	Q16	23.50	23.99	23.64	24.50
		HIGH	Q16	23.45	23.99	23.56	24.50
	25	LOW	Q16	22.60	22.65	22.67	23.50
		MID	Q16	22.61	22.71	22.73	23.50
		HIGH	Q16	22.65	22.59	22.54	23.50
50	LOW	Q16	22.62	22.57	22.56	23.50	
10	1	LOW	64QAM	22.41	22.89	22.56	23.50
		MID	64QAM	22.62	22.85	22.74	23.50
		HIGH	64QAM	22.33	23.06	22.66	23.50
	25	LOW	64QAM	21.70	21.78	21.75	22.50
		MID	64QAM	21.74	21.76	21.66	22.50
		HIGH	64QAM	21.50	21.62	21.69	22.50
50	LOW	64QAM	21.73	21.48	21.63	22.50	

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.17	23.87	23.68	25.00
		MID	QPSK	24.24	23.94	23.83	25.00
		HIGH	QPSK	24.01	23.79	23.73	25.00
	12	LOW	QPSK	22.86	22.79	22.67	24.00
		MID	QPSK	23.03	22.83	22.80	24.00
		HIGH	QPSK	22.95	22.78	22.73	24.00
	25	LOW	QPSK	22.87	22.73	22.68	24.00
	5	LOW	Q16	23.34	22.75	22.85	24.00
		MID	Q16	23.37	22.84	22.98	24.00
		HIGH	Q16	23.22	22.82	22.85	24.00
	12	LOW	Q16	21.94	21.86	21.90	23.00
		MID	Q16	22.05	21.93	21.87	23.00
		HIGH	Q16	22.02	21.83	21.83	23.00
	25	LOW	Q16	22.02	21.79	21.82	23.00
5	1	LOW	64QAM	22.10	21.69	21.94	23.00
		MID	64QAM	22.35	21.87	21.89	23.00
		HIGH	64QAM	22.21	21.79	21.73	23.00
	12	LOW	64QAM	20.90	20.81	20.75	22.00
		MID	64QAM	21.06	21.00	20.78	22.00
		HIGH	64QAM	20.99	20.87	20.95	22.00
	25	LOW	64QAM	20.83	20.90	20.73	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.96	23.90	23.70	25.00
		MID	QPSK	24.04	23.86	23.81	25.00
		HIGH	QPSK	23.87	23.76	23.71	25.00
	25	LOW	QPSK	22.75	22.78	22.73	24.00
		MID	QPSK	22.82	22.79	22.74	24.00
		HIGH	QPSK	22.87	22.74	22.77	24.00
	50	LOW	QPSK	22.86	22.71	22.63	24.00
10	1	LOW	Q16	22.63	23.03	22.70	24.00
		MID	Q16	22.76	23.03	22.71	24.00
		HIGH	Q16	22.75	22.92	22.66	24.00
	25	LOW	Q16	21.77	21.76	21.86	23.00
		MID	Q16	21.87	21.72	21.88	23.00
		HIGH	Q16	21.97	21.79	21.84	23.00
	50	LOW	Q16	21.88	21.83	21.82	23.00
10	1	LOW	64QAM	21.57	22.11	21.63	23.00
		MID	64QAM	21.69	22.13	21.64	23.00
		HIGH	64QAM	21.93	22.09	21.59	23.00
	25	LOW	64QAM	20.70	20.79	20.96	22.00
		MID	64QAM	20.95	20.73	20.81	22.00
		HIGH	64QAM	20.96	20.80	20.80	22.00
	50	LOW	64QAM	20.99	20.67	20.93	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.88	23.83	23.67	25.00
		MID	QPSK	23.88	23.91	23.76	25.00
		HIGH	QPSK	23.76	23.71	23.65	25.00
	36	LOW	QPSK	22.66	22.76	22.64	24.00
		MID	QPSK	22.86	22.78	22.75	24.00
		HIGH	QPSK	22.77	22.65	22.63	24.00
	75	LOW	QPSK	22.81	22.69	22.65	24.00
15	1	LOW	Q16	22.51	22.86	23.02	24.00
		MID	Q16	22.71	22.99	23.13	24.00
		HIGH	Q16	22.64	22.92	22.89	24.00
	36	LOW	Q16	21.64	21.69	21.71	23.00
		MID	Q16	21.81	21.79	21.73	23.00
		HIGH	Q16	21.79	21.82	21.66	23.00
	75	LOW	Q16	21.80	21.73	21.72	23.00
15	1	LOW	64QAM	21.50	21.97	22.14	23.00
		MID	64QAM	21.90	22.08	22.01	23.00
		HIGH	64QAM	21.71	21.86	22.03	23.00
	36	LOW	64QAM	20.80	20.79	20.81	22.00
		MID	64QAM	20.95	20.73	20.67	22.00
		HIGH	64QAM	20.80	20.67	20.86	22.00
	75	LOW	64QAM	20.73	20.91	20.61	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.70	23.66	23.49	25.00
		MID	QPSK	23.99	23.83	23.77	25.00
		HIGH	QPSK	23.69	23.58	23.47	25.00
	50	LOW	QPSK	22.57	22.73	22.57	24.00
		MID	QPSK	22.73	22.78	22.67	24.00
		HIGH	QPSK	22.76	22.69	22.55	24.00
	100	LOW	QPSK	22.63	22.70	22.61	24.00
20	1	LOW	Q16	23.10	22.81	22.81	24.00
		MID	Q16	23.40	23.02	23.10	24.00
		HIGH	Q16	23.12	22.87	22.84	24.00
	50	LOW	Q16	21.70	21.73	21.66	23.00
		MID	Q16	21.92	21.77	21.66	23.00
		HIGH	Q16	21.83	21.77	21.63	23.00
	100	LOW	Q16	21.74	21.72	21.66	23.00
20	1	LOW	64QAM	22.00	21.81	21.91	23.00
		MID	64QAM	22.37	22.13	22.01	23.00
		HIGH	64QAM	22.30	21.78	21.77	23.00
	50	LOW	64QAM	20.86	20.65	20.65	22.00
		MID	64QAM	20.81	20.78	20.54	22.00
		HIGH	64QAM	20.68	20.80	20.71	22.00
	100	LOW	64QAM	20.80	20.69	20.54	22.00

LTE B7-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.45	18.50	18.36	19.00
		MID	QPSK	18.55	18.56	18.51	19.00
		HIGH	QPSK	18.32	18.43	18.41	19.00
	12	LOW	QPSK	18.36	18.47	18.51	19.00
		MID	QPSK	18.42	18.50	18.46	19.00
		HIGH	QPSK	18.41	18.43	18.36	19.00
	25	LOW	QPSK	18.38	18.52	18.54	19.00
	5	LOW	Q16	18.60	18.84	18.70	19.00
		MID	Q16	18.83	18.87	18.67	19.00
		HIGH	Q16	18.53	18.69	18.67	19.00
		LOW	Q16	18.71	18.71	18.83	19.00
		MID	Q16	18.71	18.76	18.56	19.00
		HIGH	Q16	18.51	18.64	18.68	19.00
	25	LOW	Q16	18.66	18.67	18.83	19.00
5	1	LOW	64QAM	18.78	18.67	18.53	19.00
		MID	64QAM	18.86	18.86	18.86	19.00
		HIGH	64QAM	18.66	18.78	18.71	19.00
	12	LOW	64QAM	18.65	18.72	18.67	19.00
		MID	64QAM	18.77	18.75	18.57	19.00
		HIGH	64QAM	18.74	18.56	18.57	19.00
	25	LOW	64QAM	18.66	18.77	18.72	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.42	18.50	18.48	19.00
		MID	QPSK	18.38	18.50	18.52	19.00
		HIGH	QPSK	18.33	18.53	18.50	19.00
	25	LOW	QPSK	18.32	18.51	18.53	19.00
		MID	QPSK	18.49	18.53	18.48	19.00
		HIGH	QPSK	18.47	18.53	18.46	19.00
10	50	LOW	QPSK	18.47	18.49	18.50	19.00
	1	LOW	Q16	18.56	18.65	18.63	19.00
		MID	Q16	18.61	18.82	18.64	19.00
		HIGH	Q16	18.49	18.63	18.75	19.00
	25	LOW	Q16	18.67	18.86	18.87	19.00
		MID	Q16	18.83	18.81	18.83	19.00
		HIGH	Q16	18.80	18.73	18.80	19.00
10	50	LOW	Q16	18.61	18.76	18.84	19.00
	1	LOW	64QAM	18.61	18.80	18.83	19.00
		MID	64QAM	18.62	18.78	18.73	19.00
		HIGH	64QAM	18.50	18.75	18.74	19.00
	25	LOW	64QAM	18.50	18.70	18.69	19.00
		MID	64QAM	18.79	18.82	18.71	19.00
		HIGH	64QAM	18.70	18.71	18.60	19.00
10	50	LOW	64QAM	18.82	18.65	18.70	19.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.39	18.43	18.42	19.00
		MID	QPSK	18.42	18.58	18.58	19.00
		HIGH	QPSK	18.31	18.41	18.45	19.00
	36	LOW	QPSK	18.26	18.44	18.49	19.00
		MID	QPSK	18.36	18.54	18.48	19.00
		HIGH	QPSK	18.35	18.51	18.39	19.00
	75	LOW	QPSK	18.36	18.39	18.52	19.00
15	1	LOW	Q16	18.67	18.60	18.52	19.00
		MID	Q16	18.54	18.71	18.82	19.00
		HIGH	Q16	18.58	18.63	18.77	19.00
	36	LOW	Q16	18.54	18.63	18.76	19.00
		MID	Q16	18.70	18.66	18.65	19.00
		HIGH	Q16	18.45	18.61	18.54	19.00
	75	LOW	Q16	18.61	18.62	18.70	19.00
15	1	LOW	64QAM	18.71	18.55	18.77	19.00
		MID	64QAM	18.71	18.75	18.83	19.00
		HIGH	64QAM	18.53	18.70	18.76	19.00
	36	LOW	64QAM	18.60	18.66	18.75	19.00
		MID	64QAM	18.47	18.87	18.83	19.00
		HIGH	64QAM	18.50	18.69	18.69	19.00
	75	LOW	64QAM	18.59	18.72	18.76	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.34	18.39	18.25	19.00
		MID	QPSK	18.52	18.57	18.51	19.00
		HIGH	QPSK	18.30	18.41	18.35	19.00
	50	LOW	QPSK	18.27	18.50	18.42	19.00
		MID	QPSK	18.37	18.56	18.51	19.00
	100	HIGH	QPSK	18.38	18.55	18.43	19.00
20	1	LOW	QPSK	18.31	18.47	18.32	19.00
	1	LOW	Q16	18.54	18.65	18.39	19.00
		MID	Q16	18.72	18.74	18.86	19.00
		HIGH	Q16	18.40	18.76	18.52	19.00
	50	LOW	Q16	18.54	18.67	18.70	19.00
		MID	Q16	18.55	18.77	18.91	19.00
20	1	HIGH	Q16	18.64	18.69	18.76	19.00
	100	LOW	Q16	18.52	18.61	18.67	19.00
	1	LOW	64QAM	18.64	18.70	18.53	19.00
		MID	64QAM	18.85	18.86	18.82	19.00
		HIGH	64QAM	18.58	18.58	18.56	19.00
	50	LOW	64QAM	18.44	18.60	18.61	19.00
		MID	64QAM	18.64	18.80	18.80	19.00
20	100	HIGH	64QAM	18.48	18.89	18.55	19.00
		LOW	64QAM	18.53	18.59	18.50	19.00

LTE B7-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.95	19.21	18.88	20.00
		MID	QPSK	19.26	19.58	19.13	20.00
		HIGH	QPSK	19.08	19.53	19.16	20.00
	12	LOW	QPSK	19.05	19.58	19.17	20.00
		MID	QPSK	19.26	19.36	19.31	20.00
		HIGH	QPSK	19.00	19.32	19.20	20.00
	25	LOW	QPSK	19.13	19.15	19.08	20.00
	5	LOW	Q16	19.21	19.62	19.12	20.00
		MID	Q16	19.42	19.98	19.60	20.00
		HIGH	Q16	19.43	19.51	19.40	20.00
		LOW	Q16	19.42	19.71	19.58	20.00
		MID	Q16	19.45	19.40	19.73	20.00
		HIGH	Q16	19.35	19.68	19.53	20.00
	25	LOW	Q16	19.47	19.47	19.54	20.00
5	1	LOW	64QAM	19.43	19.64	19.31	20.00
		MID	64QAM	19.54	20.05	19.44	20.00
		HIGH	64QAM	19.29	19.67	19.21	20.00
	12	LOW	64QAM	19.48	19.71	19.53	20.00
		MID	64QAM	19.46	19.60	19.58	20.00
		HIGH	64QAM	19.31	19.60	19.61	20.00
	25	LOW	64QAM	19.22	19.32	19.29	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.95	19.41	19.00	20.00
		MID	QPSK	19.50	19.38	19.25	20.00
		HIGH	QPSK	19.33	19.32	19.04	20.00
	25	LOW	QPSK	18.83	19.28	19.23	20.00
		MID	QPSK	19.34	19.26	19.27	20.00
		HIGH	QPSK	18.91	19.50	19.25	20.00
	50	LOW	QPSK	19.37	19.07	19.26	20.00
10	1	LOW	Q16	19.39	19.32	19.45	20.00
		MID	Q16	19.85	19.83	19.46	20.00
		HIGH	Q16	19.35	19.74	19.50	20.00
	25	LOW	Q16	19.31	19.66	19.44	20.00
		MID	Q16	19.49	19.62	19.72	20.00
		HIGH	Q16	19.40	19.59	19.63	20.00
	50	LOW	Q16	19.45	19.55	19.48	20.00
10	1	LOW	64QAM	19.41	19.65	19.38	20.00
		MID	64QAM	19.63	19.84	19.51	20.00
		HIGH	64QAM	19.43	19.66	19.30	20.00
	25	LOW	64QAM	19.23	19.48	19.45	20.00
		MID	64QAM	19.35	19.74	19.71	20.00
		HIGH	64QAM	19.35	19.54	19.60	20.00
	50	LOW	64QAM	19.27	19.51	19.40	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.08	19.10	19.03	20.00
		MID	QPSK	19.61	19.62	19.23	20.00
		HIGH	QPSK	19.26	19.06	19.30	20.00
	36	LOW	QPSK	19.01	19.28	18.92	20.00
		MID	QPSK	19.24	19.35	19.22	20.00
		HIGH	QPSK	19.12	19.21	19.16	20.00
	75	LOW	QPSK	18.88	19.17	19.21	20.00
15	1	LOW	Q16	19.16	19.55	19.46	20.00
		MID	Q16	19.54	19.92	19.45	20.00
		HIGH	Q16	19.44	19.52	19.50	20.00
	36	LOW	Q16	19.31	19.63	19.31	20.00
		MID	Q16	19.47	19.60	19.60	20.00
		HIGH	Q16	19.42	19.59	19.28	20.00
	75	LOW	Q16	19.24	19.50	19.37	20.00
15	1	LOW	64QAM	19.39	19.54	19.21	20.00
		MID	64QAM	19.50	19.76	19.52	20.00
		HIGH	64QAM	19.47	19.45	19.30	20.00
	36	LOW	64QAM	19.36	19.62	19.41	20.00
		MID	64QAM	19.68	19.54	19.50	20.00
		HIGH	64QAM	19.52	19.51	19.54	20.00
	75	LOW	64QAM	19.35	19.54	19.26	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.99	19.30	19.03	20.00
		MID	QPSK	19.25	19.37	19.13	20.00
		HIGH	QPSK	19.23	19.28	19.03	20.00
	50	LOW	QPSK	19.08	19.26	19.06	20.00
		MID	QPSK	19.43	19.50	19.34	20.00
		HIGH	QPSK	19.15	19.27	19.04	20.00
	100	LOW	QPSK	19.15	19.27	19.14	20.00
20	1	LOW	Q16	19.44	19.43	19.47	20.00
		MID	Q16	19.50	19.79	19.54	20.00
		HIGH	Q16	19.56	19.58	19.48	20.00
	50	LOW	Q16	19.50	19.68	19.53	20.00
		MID	Q16	19.54	19.70	19.49	20.00
		HIGH	Q16	19.62	19.62	19.42	20.00
	100	LOW	Q16	19.36	19.54	19.58	20.00
20	1	LOW	64QAM	19.48	19.54	19.23	20.00
		MID	64QAM	19.57	19.74	19.52	20.00
		HIGH	64QAM	19.58	19.64	19.41	20.00
	50	LOW	64QAM	19.28	19.50	19.41	20.00
		MID	64QAM	19.70	19.84	19.58	20.00
		HIGH	64QAM	19.45	19.69	19.37	20.00
	100	LOW	64QAM	19.24	19.67	19.48	20.00

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.99	23.81	23.63	25.00
		MID	QPSK	24.09	23.96	23.77	25.00
		HIGH	QPSK	23.89	23.79	23.70	25.00
	12	LOW	QPSK	22.86	22.70	22.62	24.00
		MID	QPSK	22.90	22.75	22.69	24.00
		HIGH	QPSK	22.85	22.70	22.64	24.00
	25	LOW	QPSK	22.79	22.68	22.57	24.00
	5	LOW	Q16	22.95	23.15	22.69	24.00
		MID	Q16	23.07	23.28	22.77	24.00
		HIGH	Q16	22.90	23.18	22.71	24.00
		LOW	Q16	21.90	21.91	21.84	23.00
		MID	Q16	22.01	21.92	21.78	23.00
		HIGH	Q16	21.96	21.88	21.75	23.00
	25	LOW	Q16	21.88	21.90	21.68	23.00
5	1	LOW	64QAM	21.91	22.15	21.84	23.00
		MID	64QAM	21.98	22.17	21.74	23.00
		HIGH	64QAM	21.83	22.06	21.72	23.00
	12	LOW	64QAM	20.91	20.98	20.89	22.00
		MID	64QAM	21.08	21.00	20.78	22.00
		HIGH	64QAM	21.06	20.99	20.79	22.00
	25	LOW	64QAM	20.76	20.80	20.60	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.99	23.80	23.73	25.00
		MID	QPSK	24.00	23.91	23.74	25.00
		HIGH	QPSK	23.99	23.79	23.80	25.00
	25	LOW	QPSK	22.85	22.72	22.63	24.00
		MID	QPSK	22.85	22.73	22.70	24.00
		HIGH	QPSK	22.86	22.80	22.72	24.00
	50	LOW	QPSK	22.90	22.77	22.67	24.00
10	1	LOW	Q16	22.75	23.01	22.67	24.00
		MID	Q16	22.75	23.08	22.70	24.00
		HIGH	Q16	22.81	23.00	22.63	24.00
	25	LOW	Q16	21.78	21.80	21.76	23.00
		MID	Q16	21.87	21.86	21.88	23.00
		HIGH	Q16	21.84	21.81	21.81	23.00
	50	LOW	Q16	21.86	21.79	21.79	23.00
10	1	LOW	64QAM	21.61	21.97	21.60	23.00
		MID	64QAM	21.79	22.22	21.57	23.00
		HIGH	64QAM	21.74	21.92	21.65	23.00
	25	LOW	64QAM	20.90	20.78	20.82	22.00
		MID	64QAM	20.91	20.79	20.75	22.00
		HIGH	64QAM	20.92	20.82	20.95	22.00
	50	LOW	64QAM	20.98	20.74	20.82	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.84	23.84	23.70	25.00
		MID	QPSK	23.94	23.88	23.84	25.00
		HIGH	QPSK	23.83	23.64	23.63	25.00
	36	LOW	QPSK	22.79	22.72	22.60	24.00
		MID	QPSK	22.88	22.77	22.76	24.00
		HIGH	QPSK	22.82	22.82	22.74	24.00
	75	LOW	QPSK	22.86	22.71	22.76	24.00
15	1	LOW	Q16	22.58	23.00	22.92	24.00
		MID	Q16	22.73	23.12	23.01	24.00
		HIGH	Q16	22.56	22.95	22.80	24.00
	36	LOW	Q16	21.80	21.75	21.62	23.00
		MID	Q16	21.84	21.82	21.75	23.00
		HIGH	Q16	21.80	21.81	21.76	23.00
	75	LOW	Q16	21.91	21.84	21.80	23.00
15	1	LOW	64QAM	21.57	21.89	22.03	23.00
		MID	64QAM	21.80	22.02	21.99	23.00
		HIGH	64QAM	21.50	21.96	21.78	23.00
	36	LOW	64QAM	20.83	20.64	20.79	22.00
		MID	64QAM	20.98	20.99	20.77	22.00
		HIGH	64QAM	20.82	20.68	20.77	22.00
	75	LOW	64QAM	20.87	20.71	20.74	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.82	23.75	23.55	25.00
		MID	QPSK	24.07	23.84	23.65	25.00
		HIGH	QPSK	23.77	23.66	23.49	25.00
	50	LOW	QPSK	22.78	22.67	22.57	24.00
		MID	QPSK	22.86	22.74	22.66	24.00
		HIGH	QPSK	22.76	22.61	22.57	24.00
	100	LOW	QPSK	22.78	22.63	22.63	24.00
20	1	LOW	Q16	23.11	22.98	22.79	24.00
		MID	Q16	23.34	23.19	23.02	24.00
		HIGH	Q16	23.14	22.93	22.73	24.00
	50	LOW	Q16	21.83	21.69	21.63	23.00
		MID	Q16	21.89	21.87	21.67	23.00
		HIGH	Q16	21.84	21.78	21.77	23.00
	100	LOW	Q16	21.83	21.72	21.70	23.00
20	1	LOW	64QAM	22.05	22.04	21.75	23.00
		MID	64QAM	22.21	22.15	21.95	23.00
		HIGH	64QAM	22.21	22.03	21.84	23.00
	50	LOW	64QAM	20.98	20.86	20.68	22.00
		MID	64QAM	20.91	20.80	20.55	22.00
		HIGH	64QAM	20.82	20.70	20.81	22.00
	100	LOW	64QAM	20.83	20.74	20.82	22.00

LTE B7-DSI_1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.99	23.81	23.63	25.00
		MID	QPSK	24.09	23.96	23.77	25.00
		HIGH	QPSK	23.89	23.79	23.70	25.00
	12	LOW	QPSK	22.86	22.70	22.62	24.00
		MID	QPSK	22.90	22.75	22.69	24.00
		HIGH	QPSK	22.85	22.70	22.64	24.00
	25	LOW	QPSK	22.79	22.68	22.57	24.00
	5	LOW	Q16	22.95	23.15	22.69	24.00
		MID	Q16	23.07	23.28	22.77	24.00
		HIGH	Q16	22.90	23.18	22.71	24.00
		LOW	Q16	21.90	21.91	21.84	23.00
		MID	Q16	22.01	21.92	21.78	23.00
		HIGH	Q16	21.96	21.88	21.75	23.00
	25	LOW	Q16	21.88	21.90	21.68	23.00
5	1	LOW	64QAM	21.91	22.15	21.84	23.00
		MID	64QAM	21.98	22.17	21.74	23.00
		HIGH	64QAM	21.83	22.06	21.72	23.00
	12	LOW	64QAM	20.91	20.98	20.89	22.00
		MID	64QAM	21.08	21.00	20.78	22.00
		HIGH	64QAM	21.06	20.99	20.79	22.00
	25	LOW	64QAM	20.76	20.80	20.60	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.99	23.80	23.73	25.00
		MID	QPSK	24.00	23.91	23.74	25.00
		HIGH	QPSK	23.99	23.79	23.80	25.00
	25	LOW	QPSK	22.85	22.72	22.63	24.00
		MID	QPSK	22.85	22.73	22.70	24.00
		HIGH	QPSK	22.86	22.80	22.72	24.00
	50	LOW	QPSK	22.90	22.77	22.67	24.00
10	1	LOW	Q16	22.75	23.01	22.67	23.00
		MID	Q16	22.75	23.08	22.70	23.00
		HIGH	Q16	22.81	23.00	22.63	23.00
	25	LOW	Q16	21.78	21.80	21.76	23.00
		MID	Q16	21.87	21.86	21.88	23.00
		HIGH	Q16	21.84	21.81	21.81	23.00
	50	LOW	Q16	21.86	21.79	21.79	23.00
10	1	LOW	64QAM	21.61	21.97	21.60	23.00
		MID	64QAM	21.79	22.22	21.57	23.00
		HIGH	64QAM	21.74	21.92	21.65	23.00
	25	LOW	64QAM	20.90	20.78	20.82	22.00
		MID	64QAM	20.91	20.79	20.75	22.00
		HIGH	64QAM	20.92	20.82	20.95	22.00
	50	LOW	64QAM	20.98	20.74	20.82	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.84	23.84	23.70	25.00
		MID	QPSK	23.94	23.88	23.84	25.00
		HIGH	QPSK	23.83	23.64	23.63	25.00
	36	LOW	QPSK	22.79	22.72	22.60	24.00
		MID	QPSK	22.88	22.77	22.76	24.00
		HIGH	QPSK	22.82	22.82	22.74	24.00
	75	LOW	QPSK	22.86	22.71	22.76	24.00
15	1	LOW	Q16	22.58	23.00	22.92	23.00
		MID	Q16	22.73	23.12	23.01	23.00
		HIGH	Q16	22.56	22.95	22.80	23.00
	36	LOW	Q16	21.80	21.75	21.62	23.00
		MID	Q16	21.84	21.82	21.75	23.00
		HIGH	Q16	21.80	21.81	21.76	23.00
	75	LOW	Q16	21.91	21.84	21.80	23.00
15	1	LOW	64QAM	21.57	21.89	22.03	23.00
		MID	64QAM	21.80	22.02	21.99	23.00
		HIGH	64QAM	21.50	21.96	21.78	23.00
	36	LOW	64QAM	20.83	20.64	20.79	22.00
		MID	64QAM	20.98	20.99	20.77	22.00
		HIGH	64QAM	20.82	20.68	20.77	22.00
	75	LOW	64QAM	20.87	20.71	20.74	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.82	23.75	23.55	25.00
		MID	QPSK	24.07	23.84	23.65	25.00
		HIGH	QPSK	23.77	23.66	23.49	25.00
	50	LOW	QPSK	22.78	22.67	22.57	24.00
		MID	QPSK	22.86	22.74	22.66	24.00
		HIGH	QPSK	22.76	22.61	22.57	24.00
20	100	LOW	QPSK	22.78	22.63	22.63	24.00
	1	LOW	Q16	23.11	22.98	22.79	23.00
		MID	Q16	23.34	23.19	23.02	23.00
		HIGH	Q16	23.14	22.93	22.73	23.00
	50	LOW	Q16	21.83	21.69	21.63	23.00
		MID	Q16	21.89	21.87	21.67	23.00
		HIGH	Q16	21.84	21.78	21.77	23.00
	100	LOW	Q16	21.83	21.72	21.70	23.00
20	1	LOW	64QAM	22.05	22.04	21.75	23.00
		MID	64QAM	22.21	22.15	21.95	23.00
		HIGH	64QAM	22.21	22.03	21.84	23.00
	50	LOW	64QAM	20.98	20.86	20.68	22.00
		MID	64QAM	20.91	20.80	20.55	22.00
		HIGH	64QAM	20.82	20.70	20.81	22.00
	100	LOW	64QAM	20.83	20.74	20.82	22.00

LTE B7-DSI_4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.46	20.25	20.18	21.00
		MID	QPSK	20.45	20.33	20.28	21.00
		HIGH	QPSK	20.39	20.25	20.16	21.00
	12	LOW	QPSK	20.42	20.24	20.21	21.00
		MID	QPSK	20.43	20.34	20.19	21.00
		HIGH	QPSK	20.31	20.28	20.11	21.00
	25	LOW	QPSK	20.41	20.30	20.25	21.00
5	1	LOW	Q16	20.73	20.55	20.52	21.00
		MID	Q16	20.76	20.58	20.55	21.00
		HIGH	Q16	20.71	20.50	20.41	21.00
	12	LOW	Q16	20.76	20.50	20.54	21.00
		MID	Q16	20.76	20.63	20.51	21.00
		HIGH	Q16	20.63	20.60	20.40	21.00
	25	LOW	Q16	20.72	20.62	20.53	21.00
5	1	LOW	64QAM	20.78	20.55	20.47	21.00
		MID	64QAM	20.77	20.58	20.60	21.00
		HIGH	64QAM	20.68	20.52	20.43	21.00
	12	LOW	64QAM	20.70	20.53	20.47	21.00
		MID	64QAM	20.77	20.67	20.47	21.00
		HIGH	64QAM	20.63	20.56	20.46	21.00
	25	LOW	64QAM	20.74	20.62	20.59	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.39	20.34	20.22	21.00
		MID	QPSK	20.49	20.41	20.27	21.00
		HIGH	QPSK	20.45	20.30	20.23	21.00
	25	LOW	QPSK	20.45	20.35	20.25	21.00
		MID	QPSK	20.47	20.42	20.31	21.00
		HIGH	QPSK	20.41	20.37	20.23	21.00
10	50	LOW	QPSK	20.39	20.35	20.22	21.00
10	1	LOW	Q16	20.69	20.61	20.48	21.00
		MID	Q16	20.75	20.75	20.58	21.00
		HIGH	Q16	20.73	20.56	20.51	21.00
	25	LOW	Q16	20.73	20.69	20.55	21.00
		MID	Q16	20.75	20.77	20.65	21.00
		HIGH	Q16	20.74	20.64	20.58	21.00
10	50	LOW	Q16	20.64	20.65	20.55	21.00
	1	LOW	64QAM	20.69	20.68	20.47	21.00
		MID	64QAM	20.83	20.73	20.53	21.00
		HIGH	64QAM	20.76	20.62	20.57	21.00
	25	LOW	64QAM	20.80	20.63	20.60	21.00
		MID	64QAM	20.74	20.67	20.63	21.00
		HIGH	64QAM	20.75	20.62	20.48	21.00
	50	LOW	64QAM	20.64	20.68	20.53	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.42	20.26	20.15	21.00
		MID	QPSK	20.52	20.41	20.35	21.00
		HIGH	QPSK	20.40	20.26	20.22	21.00
	36	LOW	QPSK	20.40	20.28	20.23	21.00
		MID	QPSK	20.51	20.39	20.22	21.00
		HIGH	QPSK	20.43	20.32	20.25	21.00
	75	LOW	QPSK	20.42	20.30	20.24	21.00
15	1	LOW	Q16	20.72	20.58	20.40	21.00
		MID	Q16	20.81	20.69	20.64	21.00
		HIGH	Q16	20.67	20.51	20.57	21.00
	36	LOW	Q16	20.74	20.54	20.51	21.00
		MID	Q16	20.81	20.64	20.51	21.00
		HIGH	Q16	20.73	20.59	20.57	21.00
	75	LOW	Q16	20.68	20.59	20.58	21.00
15	1	LOW	64QAM	20.77	20.55	20.50	21.00
		MID	64QAM	20.84	20.66	20.67	21.00
		HIGH	64QAM	20.67	20.61	20.54	21.00
	36	LOW	64QAM	20.74	20.61	20.50	21.00
		MID	64QAM	20.82	20.68	20.56	21.00
		HIGH	64QAM	20.71	20.65	20.55	21.00
	75	LOW	64QAM	20.67	20.58	20.52	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.29	20.21	20.06	21.00
		MID	QPSK	20.46	20.42	20.28	21.00
		HIGH	QPSK	20.32	20.27	20.03	21.00
	50	LOW	QPSK	20.35	20.32	20.19	21.00
		MID	QPSK	20.45	20.45	20.30	21.00
		HIGH	QPSK	20.37	20.37	20.19	21.00
20	100	LOW	QPSK	20.35	20.32	20.14	21.00
	1	LOW	Q16	20.63	20.51	20.36	21.00
		MID	Q16	20.75	20.70	20.61	21.00
		HIGH	Q16	20.67	20.61	20.35	21.00
	50	LOW	Q16	20.62	20.63	20.44	21.00
		MID	Q16	20.78	20.79	20.56	21.00
		HIGH	Q16	20.65	20.65	20.44	21.00
	100	LOW	Q16	20.69	20.64	20.42	21.00
20	1	LOW	64QAM	20.58	20.47	20.41	21.00
		MID	64QAM	20.74	20.74	20.57	21.00
		HIGH	64QAM	20.62	20.60	20.29	21.00
	50	LOW	64QAM	20.62	20.64	20.49	21.00
		MID	64QAM	20.71	20.79	20.63	21.00
		HIGH	64QAM	20.70	20.63	20.47	21.00
	100	LOW	64QAM	20.67	20.62	20.46	21.00

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.83	23.93	23.79	25.50
		MID	QPSK	23.90	23.97	23.98	25.50
		HIGH	QPSK	23.81	23.91	23.86	25.50
	3	LOW	QPSK	23.97	23.97	24.02	25.50
		MID	QPSK	23.99	23.99	23.99	25.50
		HIGH	QPSK	23.97	23.98	24.01	25.50
	6	LOW	QPSK	23.19	23.10	23.13	24.50
	1.4	LOW	Q16	23.01	23.35	22.94	24.50
		MID	Q16	23.10	23.41	22.92	24.50
		HIGH	Q16	23.04	23.35	22.95	24.50
1.4	1	LOW	Q16	23.10	23.24	23.16	24.50
		MID	Q16	23.07	23.26	23.18	24.50
		HIGH	Q16	23.09	23.20	23.21	24.50
	6	LOW	Q16	22.18	22.07	22.29	23.50
	1.4	LOW	64QAM	22.02	22.41	21.73	23.50
		MID	64QAM	22.01	22.47	21.94	23.50
		HIGH	64QAM	22.14	22.40	21.93	23.50
	3	LOW	64QAM	22.10	22.24	22.15	23.50
		MID	64QAM	22.17	22.28	22.21	23.50
		HIGH	64QAM	22.08	22.20	22.18	23.50
	6	LOW	64QAM	21.23	21.00	21.19	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.81	23.85	23.77	25.50
		MID	QPSK	23.92	23.92	23.91	25.50
		HIGH	QPSK	23.86	23.91	23.90	25.50
	8	LOW	QPSK	23.14	23.07	23.07	24.50
		MID	QPSK	23.16	23.20	23.05	24.50
		HIGH	QPSK	23.04	23.13	23.07	24.50
	15	LOW	QPSK	22.98	23.01	23.06	24.50
	3	LOW	Q16	22.74	23.26	22.87	24.50
		MID	Q16	22.93	23.34	22.92	24.50
		HIGH	Q16	22.84	23.24	22.75	24.50
3	1	LOW	Q16	22.28	22.18	22.08	23.50
		MID	Q16	22.29	22.29	22.11	23.50
		HIGH	Q16	22.20	22.11	22.07	23.50
	15	LOW	Q16	22.06	22.10	22.02	23.50
	3	LOW	64QAM	21.78	22.37	21.91	23.50
		MID	64QAM	21.81	22.33	21.82	23.50
		HIGH	64QAM	21.89	22.25	21.63	23.50
	8	LOW	64QAM	21.35	21.09	21.20	22.50
		MID	64QAM	21.26	21.19	21.18	22.50
		HIGH	64QAM	21.20	21.23	21.13	22.50
	15	LOW	64QAM	20.95	21.04	20.84	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.02	24.06	23.98	25.50
		MID	QPSK	24.17	24.19	24.12	25.50
		HIGH	QPSK	24.03	24.11	24.00	25.50
	12	LOW	QPSK	23.12	23.08	23.08	24.50
		MID	QPSK	23.21	23.12	23.18	24.50
		HIGH	QPSK	23.08	23.22	23.07	24.50
	25	LOW	QPSK	23.09	23.15	23.15	24.50
5	1	LOW	Q16	23.33	23.65	23.15	24.50
		MID	Q16	23.36	23.76	23.19	24.50
		HIGH	Q16	23.31	23.56	23.22	24.50
	12	LOW	Q16	22.22	22.27	22.06	23.50
		MID	Q16	22.28	22.32	22.20	23.50
		HIGH	Q16	22.15	22.38	22.12	23.50
	25	LOW	Q16	22.13	22.26	22.13	23.50
5	1	LOW	64QAM	22.31	22.52	22.21	23.50
		MID	64QAM	22.42	22.64	22.15	23.50
		HIGH	64QAM	22.17	22.70	22.19	23.50
	12	LOW	64QAM	21.40	21.28	21.01	22.50
		MID	64QAM	21.37	21.32	21.16	22.50
		HIGH	64QAM	21.34	21.17	21.04	22.50
	25	LOW	64QAM	21.19	21.29	20.98	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.03	24.00	24.09	25.50
		MID	QPSK	24.17	24.17	24.12	25.50
		HIGH	QPSK	24.18	24.20	24.21	25.50
	25	LOW	QPSK	23.12	23.10	23.08	24.50
		MID	QPSK	23.19	23.16	23.16	24.50
		HIGH	QPSK	23.14	23.20	23.21	24.50
10	50	LOW	QPSK	23.19	23.22	23.12	24.50
	1	LOW	Q16	23.07	23.56	23.17	24.50
		MID	Q16	23.19	23.64	23.10	24.50
		HIGH	Q16	23.15	23.56	23.18	24.50
	25	LOW	Q16	22.19	22.25	22.09	23.50
		MID	Q16	22.26	22.35	22.23	23.50
		HIGH	Q16	22.19	22.28	22.13	23.50
10	50	LOW	Q16	22.15	22.21	22.13	23.50
	1	LOW	64QAM	22.13	22.34	22.25	23.50
		MID	64QAM	22.18	22.67	22.20	23.50
		HIGH	64QAM	22.15	22.67	22.23	23.50
	25	LOW	64QAM	21.27	21.06	20.99	22.50
		MID	64QAM	21.30	21.42	21.13	22.50
		HIGH	64QAM	21.06	21.18	21.14	22.50
	50	LOW	64QAM	21.24	21.43	21.15	22.50

LTE B12-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.83	23.93	23.79	25.50
		MID	QPSK	23.90	23.97	23.98	25.50
		HIGH	QPSK	23.81	23.91	23.86	25.50
	3	LOW	QPSK	23.97	23.97	24.02	25.50
		MID	QPSK	23.99	23.99	23.99	25.50
		HIGH	QPSK	23.97	23.98	24.01	25.50
	6	LOW	QPSK	23.19	23.10	23.13	24.50
	1.4	LOW	Q16	23.01	23.35	22.94	24.50
		MID	Q16	23.10	23.41	22.92	24.50
		HIGH	Q16	23.04	23.35	22.95	24.50
1.4	1	LOW	Q16	23.10	23.24	23.16	24.50
		MID	Q16	23.07	23.26	23.18	24.50
		HIGH	Q16	23.09	23.20	23.21	24.50
	6	LOW	Q16	22.18	22.07	22.29	23.50
	1.4	LOW	64QAM	22.02	22.41	21.73	23.50
		MID	64QAM	22.01	22.47	21.94	23.50
		HIGH	64QAM	22.14	22.40	21.93	23.50
	3	LOW	64QAM	22.10	22.24	22.15	23.50
		MID	64QAM	22.17	22.28	22.21	23.50
		HIGH	64QAM	22.08	22.20	22.18	23.50
	6	LOW	64QAM	21.23	21.00	21.19	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.81	23.85	23.77	25.50
		MID	QPSK	23.92	23.92	23.91	25.50
		HIGH	QPSK	23.86	23.91	23.90	25.50
	8	LOW	QPSK	23.14	23.07	23.07	24.50
		MID	QPSK	23.16	23.20	23.05	24.50
		HIGH	QPSK	23.04	23.13	23.07	24.50
3	15	LOW	QPSK	22.98	23.01	23.06	24.50
	1	LOW	Q16	22.74	23.26	22.87	24.50
		MID	Q16	22.93	23.34	22.92	24.50
		HIGH	Q16	22.84	23.24	22.75	24.50
	8	LOW	Q16	22.28	22.18	22.08	23.50
		MID	Q16	22.29	22.29	22.11	23.50
		HIGH	Q16	22.20	22.11	22.07	23.50
3	15	LOW	Q16	22.06	22.10	22.02	23.50
	1	LOW	64QAM	21.78	22.37	21.91	23.50
		MID	64QAM	21.81	22.33	21.82	23.50
		HIGH	64QAM	21.89	22.25	21.63	23.50
	8	LOW	64QAM	21.35	21.09	21.20	22.50
		MID	64QAM	21.26	21.19	21.18	22.50
		HIGH	64QAM	21.20	21.23	21.13	22.50
3	15	LOW	64QAM	20.95	21.04	20.84	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.02	24.06	23.98	25.50
		MID	QPSK	24.17	24.19	24.12	25.50
		HIGH	QPSK	24.03	24.11	24.00	25.50
	12	LOW	QPSK	23.12	23.08	23.08	24.50
		MID	QPSK	23.21	23.12	23.18	24.50
		HIGH	QPSK	23.08	23.22	23.07	24.50
	25	LOW	QPSK	23.09	23.15	23.15	24.50
5	1	LOW	Q16	23.33	23.65	23.15	24.50
		MID	Q16	23.36	23.76	23.19	24.50
		HIGH	Q16	23.31	23.56	23.22	24.50
	12	LOW	Q16	22.22	22.27	22.06	23.50
		MID	Q16	22.28	22.32	22.20	23.50
		HIGH	Q16	22.15	22.38	22.12	23.50
	25	LOW	Q16	22.13	22.26	22.13	23.50
5	1	LOW	64QAM	22.31	22.52	22.21	23.50
		MID	64QAM	22.42	22.64	22.15	23.50
		HIGH	64QAM	22.17	22.70	22.19	23.50
	12	LOW	64QAM	21.40	21.28	21.01	22.50
		MID	64QAM	21.37	21.32	21.16	22.50
		HIGH	64QAM	21.34	21.17	21.04	22.50
	25	LOW	64QAM	21.19	21.29	20.98	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.03	24.00	24.09	25.50
		MID	QPSK	24.17	24.17	24.12	25.50
		HIGH	QPSK	24.18	24.20	24.21	25.50
	25	LOW	QPSK	23.12	23.10	23.08	24.50
		MID	QPSK	23.19	23.16	23.16	24.50
		HIGH	QPSK	23.14	23.20	23.21	24.50
50	LOW	QPSK	23.19	23.22	23.12	24.50	
10	1	LOW	Q16	23.07	23.56	23.17	24.50
		MID	Q16	23.19	23.64	23.10	24.50
		HIGH	Q16	23.15	23.56	23.18	24.50
	25	LOW	Q16	22.19	22.25	22.09	23.50
		MID	Q16	22.26	22.35	22.23	23.50
		HIGH	Q16	22.19	22.28	22.13	23.50
	50	LOW	Q16	22.15	22.21	22.13	23.50
10	1	LOW	64QAM	22.13	22.34	22.25	23.50
		MID	64QAM	22.18	22.67	22.20	23.50
		HIGH	64QAM	22.15	22.67	22.23	23.50
	25	LOW	64QAM	21.27	21.06	20.99	22.50
		MID	64QAM	21.30	21.42	21.13	22.50
		HIGH	64QAM	21.06	21.18	21.14	22.50
	50	LOW	64QAM	21.24	21.43	21.15	22.50

LTE B12-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.83	23.93	23.79	25.50
		MID	QPSK	23.90	23.97	23.98	25.50
		HIGH	QPSK	23.81	23.91	23.86	25.50
	3	LOW	QPSK	23.97	23.97	24.02	25.50
		MID	QPSK	23.99	23.99	23.99	25.50
		HIGH	QPSK	23.97	23.98	24.01	25.50
	6	LOW	QPSK	23.19	23.10	23.13	24.50
	1.4	LOW	Q16	23.01	23.35	22.94	24.50
		MID	Q16	23.10	23.41	22.92	24.50
		HIGH	Q16	23.04	23.35	22.95	24.50
1.4	1	LOW	Q16	23.10	23.24	23.16	24.50
		MID	Q16	23.07	23.26	23.18	24.50
		HIGH	Q16	23.09	23.20	23.21	24.50
	6	LOW	Q16	22.18	22.07	22.29	23.50
	1.4	LOW	64QAM	22.02	22.41	21.73	23.50
		MID	64QAM	22.01	22.47	21.94	23.50
		HIGH	64QAM	22.14	22.40	21.93	23.50
	3	LOW	64QAM	22.10	22.24	22.15	23.50
		MID	64QAM	22.17	22.28	22.21	23.50
		HIGH	64QAM	22.08	22.20	22.18	23.50
	6	LOW	64QAM	21.23	21.00	21.19	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.81	23.85	23.77	25.50
		MID	QPSK	23.92	23.92	23.91	25.50
		HIGH	QPSK	23.86	23.91	23.90	25.50
	8	LOW	QPSK	23.14	23.07	23.07	24.50
		MID	QPSK	23.16	23.20	23.05	24.50
		HIGH	QPSK	23.04	23.13	23.07	24.50
3	15	LOW	QPSK	22.98	23.01	23.06	24.50
	1	LOW	Q16	22.74	23.26	22.87	24.50
		MID	Q16	22.93	23.34	22.92	24.50
		HIGH	Q16	22.84	23.24	22.75	24.50
	8	LOW	Q16	22.28	22.18	22.08	23.50
		MID	Q16	22.29	22.29	22.11	23.50
		HIGH	Q16	22.20	22.11	22.07	23.50
3	15	LOW	Q16	22.06	22.10	22.02	23.50
	1	LOW	64QAM	21.78	22.37	21.91	23.50
		MID	64QAM	21.81	22.33	21.82	23.50
		HIGH	64QAM	21.89	22.25	21.63	23.50
	8	LOW	64QAM	21.35	21.09	21.20	22.50
		MID	64QAM	21.26	21.19	21.18	22.50
		HIGH	64QAM	21.20	21.23	21.13	22.50
3	15	LOW	64QAM	20.95	21.04	20.84	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.02	24.06	23.98	25.50
		MID	QPSK	24.17	24.19	24.12	25.50
		HIGH	QPSK	24.03	24.11	24.00	25.50
	12	LOW	QPSK	23.12	23.08	23.08	24.50
		MID	QPSK	23.21	23.12	23.18	24.50
		HIGH	QPSK	23.08	23.22	23.07	24.50
	25	LOW	QPSK	23.09	23.15	23.15	24.50
5	1	LOW	Q16	23.33	23.65	23.15	24.50
		MID	Q16	23.36	23.76	23.19	24.50
		HIGH	Q16	23.31	23.56	23.22	24.50
	12	LOW	Q16	22.22	22.27	22.06	23.50
		MID	Q16	22.28	22.32	22.20	23.50
		HIGH	Q16	22.15	22.38	22.12	23.50
	25	LOW	Q16	22.13	22.26	22.13	23.50
5	1	LOW	64QAM	22.31	22.52	22.21	23.50
		MID	64QAM	22.42	22.64	22.15	23.50
		HIGH	64QAM	22.17	22.70	22.19	23.50
	12	LOW	64QAM	21.40	21.28	21.01	22.50
		MID	64QAM	21.37	21.32	21.16	22.50
		HIGH	64QAM	21.34	21.17	21.04	22.50
	25	LOW	64QAM	21.19	21.29	20.98	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.03	24.00	24.09	25.50
		MID	QPSK	24.17	24.17	24.12	25.50
		HIGH	QPSK	24.18	24.20	24.21	25.50
	25	LOW	QPSK	23.12	23.10	23.08	24.50
		MID	QPSK	23.19	23.16	23.16	24.50
		HIGH	QPSK	23.14	23.20	23.21	24.50
50	LOW	QPSK	23.19	23.22	23.12	24.50	
10	1	LOW	Q16	23.07	23.56	23.17	24.50
		MID	Q16	23.19	23.64	23.10	24.50
		HIGH	Q16	23.15	23.56	23.18	24.50
	25	LOW	Q16	22.19	22.25	22.09	23.50
		MID	Q16	22.26	22.35	22.23	23.50
		HIGH	Q16	22.19	22.28	22.13	23.50
	50	LOW	Q16	22.15	22.21	22.13	23.50
10	1	LOW	64QAM	22.13	22.34	22.25	23.50
		MID	64QAM	22.18	22.67	22.20	23.50
		HIGH	64QAM	22.15	22.67	22.23	23.50
	25	LOW	64QAM	21.27	21.06	20.99	22.50
		MID	64QAM	21.30	21.42	21.13	22.50
		HIGH	64QAM	21.06	21.18	21.14	22.50
	50	LOW	64QAM	21.24	21.43	21.15	22.50

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.10	24.16	24.14	25.50
		MID	QPSK	24.18	24.22	24.16	25.50
		HIGH	QPSK	24.12	24.13	24.14	25.50
	3	LOW	QPSK	24.19	24.20	24.22	25.50
		MID	QPSK	24.29	24.30	24.23	25.50
		HIGH	QPSK	24.23	24.19	24.19	25.50
	6	LOW	QPSK	23.35	23.42	23.32	24.50
	1.4	LOW	Q16	23.27	23.51	23.04	24.50
		MID	Q16	23.33	23.54	23.16	24.50
		HIGH	Q16	23.23	23.47	23.12	24.50
		LOW	Q16	23.31	23.44	23.32	24.50
		MID	Q16	23.28	23.46	23.35	24.50
		HIGH	Q16	23.32	23.51	23.32	24.50
	6	LOW	Q16	22.43	22.24	22.53	23.50
1.4	1	LOW	64QAM	22.37	22.42	22.00	23.50
		MID	64QAM	22.25	22.41	21.95	23.50
		HIGH	64QAM	22.26	22.56	22.09	23.50
	3	LOW	64QAM	22.13	22.39	22.49	23.50
		MID	64QAM	22.22	22.48	22.45	23.50
		HIGH	64QAM	22.41	22.56	22.24	23.50
	6	LOW	64QAM	21.41	21.36	21.41	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.95	24.05	24.00	25.50
		MID	QPSK	24.09	24.14	24.11	25.50
		HIGH	QPSK	24.07	24.06	24.08	25.50
	8	LOW	QPSK	23.35	23.32	23.24	24.50
		MID	QPSK	23.40	23.41	23.34	24.50
		HIGH	QPSK	23.28	23.31	23.29	24.50
3	15	LOW	QPSK	23.24	23.19	23.20	24.50
	1	LOW	Q16	22.98	23.43	23.01	24.50
		MID	Q16	23.09	23.54	23.09	24.50
		HIGH	Q16	22.88	23.36	23.05	24.50
	8	LOW	Q16	22.37	22.44	22.30	23.50
		MID	Q16	22.48	22.52	22.32	23.50
		HIGH	Q16	22.43	22.39	22.23	23.50
	15	LOW	Q16	22.28	22.23	22.23	23.50
3	1	LOW	64QAM	21.96	22.41	22.08	23.50
		MID	64QAM	22.14	22.57	22.11	23.50
		HIGH	64QAM	22.01	22.45	22.01	23.50
	8	LOW	64QAM	21.37	21.38	21.45	22.50
		MID	64QAM	21.42	21.47	21.47	22.50
		HIGH	64QAM	21.34	21.29	21.32	22.50
	15	LOW	64QAM	21.46	21.10	21.26	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.20	24.23	24.21	25.50
		MID	QPSK	24.38	24.43	24.31	25.50
		HIGH	QPSK	24.24	24.23	24.32	25.50
	12	LOW	QPSK	23.26	23.37	23.32	24.50
		MID	QPSK	23.37	23.46	23.37	24.50
		HIGH	QPSK	23.24	23.35	23.33	24.50
	25	LOW	QPSK	23.39	23.39	23.30	24.50
5	1	LOW	Q16	23.47	23.82	23.31	24.50
		MID	Q16	23.62	23.91	23.41	24.50
		HIGH	Q16	23.56	23.82	23.39	24.50
	12	LOW	Q16	22.47	22.52	22.31	23.50
		MID	Q16	22.50	22.52	22.42	23.50
		HIGH	Q16	22.47	22.58	22.33	23.50
	25	LOW	Q16	22.37	22.48	22.29	23.50
5	1	LOW	64QAM	22.52	22.76	22.41	23.50
		MID	64QAM	22.65	22.94	22.53	23.50
		HIGH	64QAM	22.45	22.66	22.21	23.50
	12	LOW	64QAM	21.32	21.32	21.38	22.50
		MID	64QAM	21.37	21.48	21.60	22.50
		HIGH	64QAM	21.50	21.72	21.20	22.50
	25	LOW	64QAM	21.22	21.55	21.42	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.26	24.21	24.29	25.50
		MID	QPSK	24.31	24.43	24.43	25.50
		HIGH	QPSK	24.35	24.41	24.41	25.50
	25	LOW	QPSK	23.40	23.37	23.28	24.50
		MID	QPSK	23.46	23.41	23.48	24.50
		HIGH	QPSK	23.42	23.40	23.23	24.50
10	50	LOW	QPSK	23.43	23.37	23.29	24.50
	1	LOW	Q16	23.29	23.73	23.33	24.50
		MID	Q16	23.38	23.78	23.31	24.50
		HIGH	Q16	23.35	23.71	23.31	24.50
	25	LOW	Q16	22.48	22.45	22.41	23.50
		MID	Q16	22.51	22.47	22.47	23.50
		HIGH	Q16	22.48	22.45	22.30	23.50
	50	LOW	Q16	22.35	22.39	22.36	23.50
10	1	LOW	64QAM	22.29	22.51	22.49	23.50
		MID	64QAM	22.32	22.88	22.29	23.50
		HIGH	64QAM	22.36	22.60	22.44	23.50
	25	LOW	64QAM	21.32	21.47	21.43	22.50
		MID	64QAM	21.55	21.50	21.30	22.50
		HIGH	64QAM	21.59	21.34	21.22	22.50
	50	LOW	64QAM	21.35	21.48	21.41	22.50

LTE B12-DSI_1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.10	24.16	24.14	25.50
		MID	QPSK	24.18	24.22	24.16	25.50
		HIGH	QPSK	24.12	24.13	24.14	25.50
	3	LOW	QPSK	24.19	24.20	24.22	25.50
		MID	QPSK	24.29	24.30	24.23	25.50
		HIGH	QPSK	24.23	24.19	24.19	25.50
	6	LOW	QPSK	23.35	23.42	23.32	24.50
	1.4	LOW	Q16	23.27	23.51	23.04	24.50
		MID	Q16	23.33	23.54	23.16	24.50
		HIGH	Q16	23.23	23.47	23.12	24.50
		LOW	Q16	23.31	23.44	23.32	24.50
		MID	Q16	23.28	23.46	23.35	24.50
		HIGH	Q16	23.32	23.51	23.32	24.50
	6	LOW	Q16	22.43	22.24	22.53	23.50
1.4	1	LOW	64QAM	22.37	22.42	22.00	23.50
		MID	64QAM	22.25	22.41	21.95	23.50
		HIGH	64QAM	22.26	22.56	22.09	23.50
	3	LOW	64QAM	22.13	22.39	22.49	23.50
		MID	64QAM	22.22	22.48	22.45	23.50
		HIGH	64QAM	22.41	22.56	22.24	23.50
	6	LOW	64QAM	21.41	21.36	21.41	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.95	24.05	24.00	25.50
		MID	QPSK	24.09	24.14	24.11	25.50
		HIGH	QPSK	24.07	24.06	24.08	25.50
	8	LOW	QPSK	23.35	23.32	23.24	24.50
		MID	QPSK	23.40	23.41	23.34	24.50
		HIGH	QPSK	23.28	23.31	23.29	24.50
	15	LOW	QPSK	23.24	23.19	23.20	24.50
3	1	LOW	Q16	22.98	23.43	23.01	24.50
		MID	Q16	23.09	23.54	23.09	24.50
		HIGH	Q16	22.88	23.36	23.05	24.50
	8	LOW	Q16	22.37	22.44	22.30	23.50
		MID	Q16	22.48	22.52	22.32	23.50
		HIGH	Q16	22.43	22.39	22.23	23.50
	15	LOW	Q16	22.28	22.23	22.23	23.50
3	1	LOW	64QAM	21.96	22.41	22.08	23.50
		MID	64QAM	22.14	22.57	22.11	23.50
		HIGH	64QAM	22.01	22.45	22.01	23.50
	8	LOW	64QAM	21.37	21.38	21.45	22.50
		MID	64QAM	21.42	21.47	21.47	22.50
		HIGH	64QAM	21.34	21.29	21.32	22.50
	15	LOW	64QAM	21.46	21.10	21.26	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.20	24.23	24.21	25.50
		MID	QPSK	24.38	24.43	24.31	25.50
		HIGH	QPSK	24.24	24.23	24.32	25.50
	12	LOW	QPSK	23.26	23.37	23.32	24.50
		MID	QPSK	23.37	23.46	23.37	24.50
		HIGH	QPSK	23.24	23.35	23.33	24.50
5	25	LOW	QPSK	23.39	23.39	23.30	24.50
		MID	QPSK	23.39	23.39	23.30	24.50
		HIGH	QPSK	23.39	23.39	23.30	24.50
	1	LOW	Q16	23.47	23.82	23.31	24.50
		MID	Q16	23.62	23.91	23.41	24.50
		HIGH	Q16	23.56	23.82	23.39	24.50
5	12	LOW	Q16	22.47	22.52	22.31	23.50
		MID	Q16	22.50	22.52	22.42	23.50
		HIGH	Q16	22.47	22.58	22.33	23.50
	25	LOW	Q16	22.37	22.48	22.29	23.50
		MID	Q16	22.37	22.48	22.29	23.50
		HIGH	Q16	22.37	22.48	22.29	23.50
5	1	LOW	64QAM	22.52	22.76	22.41	23.50
		MID	64QAM	22.65	22.94	22.53	23.50
		HIGH	64QAM	22.45	22.66	22.21	23.50
	12	LOW	64QAM	21.32	21.32	21.38	22.50
		MID	64QAM	21.37	21.48	21.60	22.50
		HIGH	64QAM	21.50	21.72	21.20	22.50
5	25	LOW	64QAM	21.22	21.55	21.42	22.50
		MID	64QAM	21.22	21.55	21.42	22.50
		HIGH	64QAM	21.22	21.55	21.42	22.50
	1	LOW	64QAM	21.22	21.55	21.42	22.50
		MID	64QAM	21.22	21.55	21.42	22.50
		HIGH	64QAM	21.22	21.55	21.42	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.26	24.21	24.29	25.50
		MID	QPSK	24.31	24.43	24.43	25.50
		HIGH	QPSK	24.35	24.41	24.41	25.50
	25	LOW	QPSK	23.40	23.37	23.28	24.50
		MID	QPSK	23.46	23.41	23.48	24.50
		HIGH	QPSK	23.42	23.40	23.23	24.50
10	50	LOW	QPSK	23.43	23.37	23.29	24.50
		MID	QPSK	23.43	23.37	23.29	24.50
		HIGH	QPSK	23.43	23.37	23.29	24.50
	1	LOW	Q16	23.29	23.73	23.33	24.50
		MID	Q16	23.38	23.78	23.31	24.50
		HIGH	Q16	23.35	23.71	23.31	24.50
10	25	LOW	Q16	22.48	22.45	22.41	23.50
		MID	Q16	22.51	22.47	22.47	23.50
		HIGH	Q16	22.48	22.45	22.30	23.50
	50	LOW	Q16	22.35	22.39	22.36	23.50
		MID	Q16	22.35	22.39	22.36	23.50
		HIGH	Q16	22.35	22.39	22.36	23.50
10	1	LOW	64QAM	22.29	22.51	22.49	23.50
		MID	64QAM	22.32	22.88	22.29	23.50
		HIGH	64QAM	22.36	22.60	22.44	23.50
	25	LOW	64QAM	21.32	21.47	21.43	22.50
		MID	64QAM	21.55	21.50	21.30	22.50
		HIGH	64QAM	21.59	21.34	21.22	22.50
10	50	LOW	64QAM	21.35	21.48	21.41	22.50
		MID	64QAM	21.35	21.48	21.41	22.50
		HIGH	64QAM	21.35	21.48	21.41	22.50
	1	LOW	64QAM	21.35	21.48	21.41	22.50
		MID	64QAM	21.35	21.48	21.41	22.50
		HIGH	64QAM	21.35	21.48	21.41	22.50

LTE B12-DSI_4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.10	24.16	24.14	25.50
		MID	QPSK	24.18	24.22	24.16	25.50
		HIGH	QPSK	24.12	24.13	24.14	25.50
	3	LOW	QPSK	24.19	24.20	24.22	25.50
		MID	QPSK	24.29	24.30	24.23	25.50
		HIGH	QPSK	24.23	24.19	24.19	25.50
	6	LOW	QPSK	23.35	23.42	23.32	24.50
	1.4	LOW	Q16	23.27	23.51	23.04	24.50
		MID	Q16	23.33	23.54	23.16	24.50
		HIGH	Q16	23.23	23.47	23.12	24.50
		LOW	Q16	23.31	23.44	23.32	24.50
		MID	Q16	23.28	23.46	23.35	24.50
		HIGH	Q16	23.32	23.51	23.32	24.50
	6	LOW	Q16	22.43	22.24	22.53	23.50
1.4	1	LOW	64QAM	22.37	22.42	22.00	23.50
		MID	64QAM	22.25	22.41	21.95	23.50
		HIGH	64QAM	22.26	22.56	22.09	23.50
	3	LOW	64QAM	22.13	22.39	22.49	23.50
		MID	64QAM	22.22	22.48	22.45	23.50
		HIGH	64QAM	22.41	22.56	22.24	23.50
	6	LOW	64QAM	21.41	21.36	21.41	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.95	24.05	24.00	25.50
		MID	QPSK	24.09	24.14	24.11	25.50
		HIGH	QPSK	24.07	24.06	24.08	25.50
	8	LOW	QPSK	23.35	23.32	23.24	24.50
		MID	QPSK	23.40	23.41	23.34	24.50
		HIGH	QPSK	23.28	23.31	23.29	24.50
3	15	LOW	QPSK	23.24	23.19	23.20	24.50
	1	LOW	Q16	22.98	23.43	23.01	24.50
		MID	Q16	23.09	23.54	23.09	24.50
		HIGH	Q16	22.88	23.36	23.05	24.50
	8	LOW	Q16	22.37	22.44	22.30	23.50
		MID	Q16	22.48	22.52	22.32	23.50
		HIGH	Q16	22.43	22.39	22.23	23.50
	15	LOW	Q16	22.28	22.23	22.23	23.50
3	1	LOW	64QAM	21.96	22.41	22.08	23.50
		MID	64QAM	22.14	22.57	22.11	23.50
		HIGH	64QAM	22.01	22.45	22.01	23.50
	8	LOW	64QAM	21.37	21.38	21.45	22.50
		MID	64QAM	21.42	21.47	21.47	22.50
		HIGH	64QAM	21.34	21.29	21.32	22.50
	15	LOW	64QAM	21.46	21.10	21.26	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.20	24.23	24.21	25.50
		MID	QPSK	24.38	24.43	24.31	25.50
		HIGH	QPSK	24.24	24.23	24.32	25.50
	12	LOW	QPSK	23.26	23.37	23.32	24.50
		MID	QPSK	23.37	23.46	23.37	24.50
		HIGH	QPSK	23.24	23.35	23.33	24.50
	25	LOW	QPSK	23.39	23.39	23.30	24.50
5	1	LOW	Q16	23.47	23.82	23.31	24.50
		MID	Q16	23.62	23.91	23.41	24.50
		HIGH	Q16	23.56	23.82	23.39	24.50
	12	LOW	Q16	22.47	22.52	22.31	23.50
		MID	Q16	22.50	22.52	22.42	23.50
		HIGH	Q16	22.47	22.58	22.33	23.50
	25	LOW	Q16	22.37	22.48	22.29	23.50
5	1	LOW	64QAM	22.52	22.76	22.41	23.50
		MID	64QAM	22.65	22.94	22.53	23.50
		HIGH	64QAM	22.45	22.66	22.21	23.50
	12	LOW	64QAM	21.32	21.32	21.38	22.50
		MID	64QAM	21.37	21.48	21.60	22.50
		HIGH	64QAM	21.50	21.72	21.20	22.50
	25	LOW	64QAM	21.22	21.55	21.42	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.26	24.21	24.29	25.50
		MID	QPSK	24.31	24.43	24.43	25.50
		HIGH	QPSK	24.35	24.41	24.41	25.50
	25	LOW	QPSK	23.40	23.37	23.28	24.50
		MID	QPSK	23.46	23.41	23.48	24.50
		HIGH	QPSK	23.42	23.40	23.23	24.50
10	50	LOW	QPSK	23.43	23.37	23.29	24.50
	1	LOW	Q16	23.29	23.73	23.33	24.50
		MID	Q16	23.38	23.78	23.31	24.50
		HIGH	Q16	23.35	23.71	23.31	24.50
	25	LOW	Q16	22.48	22.45	22.41	23.50
		MID	Q16	22.51	22.47	22.47	23.50
		HIGH	Q16	22.48	22.45	22.30	23.50
	50	LOW	Q16	22.35	22.39	22.36	23.50
10	1	LOW	64QAM	22.29	22.51	22.49	23.50
		MID	64QAM	22.32	22.88	22.29	23.50
		HIGH	64QAM	22.36	22.60	22.44	23.50
	25	LOW	64QAM	21.32	21.47	21.43	22.50
		MID	64QAM	21.55	21.50	21.30	22.50
		HIGH	64QAM	21.59	21.34	21.22	22.50
	50	LOW	64QAM	21.35	21.48	21.41	22.50

8.3.6 LTE Band13 Output Power

LTE B13--Full Power -Ant.4					
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	24.26	25.50
		MID	QPSK	24.34	25.50
		HIGH	QPSK	24.30	25.50
	12	LOW	QPSK	23.23	24.50
		MID	QPSK	23.36	24.50
		HIGH	QPSK	23.23	24.50
	25	LOW	QPSK	23.26	24.50
5	1	LOW	Q16	23.78	24.50
		MID	Q16	23.82	24.50
		HIGH	Q16	23.78	24.50
	12	LOW	Q16	22.47	23.50
		MID	Q16	22.57	23.50
		HIGH	Q16	22.45	23.50
	25	LOW	Q16	22.41	23.50
5	1	LOW	64QAM	22.87	23.50
		MID	64QAM	22.94	23.50
		HIGH	64QAM	22.69	23.50
	12	LOW	64QAM	21.52	22.50
		MID	64QAM	21.56	22.50
		HIGH	64QAM	21.41	22.50
	25	LOW	64QAM	21.36	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	24.25	25.50
		MID	QPSK	24.25	25.50
		HIGH	QPSK	24.27	25.50
	25	LOW	QPSK	23.19	24.50
		MID	QPSK	23.25	24.50
		HIGH	QPSK	23.26	24.50
10	1	LOW	QPSK	23.12	24.50
		MID	QPSK	23.12	24.50
		HIGH	QPSK	23.12	24.50
	25	LOW	QPSK	23.12	24.50
		MID	QPSK	23.12	24.50
		HIGH	QPSK	23.12	24.50
10	1	LOW	Q16	23.04	24.50
		MID	Q16	23.16	24.50
		HIGH	Q16	23.07	24.50
	25	LOW	Q16	22.22	23.50
		MID	Q16	22.25	23.50
		HIGH	Q16	22.28	23.50
10	1	LOW	Q16	22.18	23.50
		MID	Q16	22.18	23.50
		HIGH	Q16	22.18	23.50
	25	LOW	Q16	22.18	23.50
		MID	Q16	22.18	23.50
		HIGH	Q16	22.18	23.50
10	1	LOW	64QAM	22.02	23.50
		MID	64QAM	22.15	23.50
		HIGH	64QAM	22.26	23.50
	25	LOW	64QAM	21.34	22.50
		MID	64QAM	21.28	22.50
		HIGH	64QAM	21.24	22.50
10	1	LOW	64QAM	21.16	22.50
		MID	64QAM	21.16	22.50
		HIGH	64QAM	21.16	22.50
	25	LOW	64QAM	21.16	22.50
		MID	64QAM	21.16	22.50
		HIGH	64QAM	21.16	22.50

LTE B13--DSI_1 -Ant.4					
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	24.26	25.50
		MID	QPSK	24.34	25.50
		HIGH	QPSK	24.30	25.50
	12	LOW	QPSK	23.23	24.50
		MID	QPSK	23.36	24.50
		HIGH	QPSK	23.23	24.50
	25	LOW	QPSK	23.26	24.50
5	1	LOW	Q16	23.78	24.50
		MID	Q16	23.82	24.50
		HIGH	Q16	23.78	24.50
	12	LOW	Q16	22.47	23.50
		MID	Q16	22.57	23.50
		HIGH	Q16	22.45	23.50
	25	LOW	Q16	22.41	23.50
5	1	LOW	64QAM	22.87	23.50
		MID	64QAM	22.94	23.50
		HIGH	64QAM	22.69	23.50
	12	LOW	64QAM	21.52	22.50
		MID	64QAM	21.56	22.50
		HIGH	64QAM	21.41	22.50
	25	LOW	64QAM	21.36	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	24.25	25.50
		MID	QPSK	24.25	25.50
		HIGH	QPSK	24.27	25.50
	25	LOW	QPSK	23.19	24.50
		MID	QPSK	23.25	24.50
		HIGH	QPSK	23.26	24.50
10	50	LOW	QPSK	23.12	24.50
10	1	LOW	Q16	23.04	24.50
		MID	Q16	23.16	24.50
		HIGH	Q16	23.07	24.50
	25	LOW	Q16	22.22	23.50
		MID	Q16	22.25	23.50
		HIGH	Q16	22.28	23.50
10	50	LOW	Q16	22.18	23.50
10	1	LOW	64QAM	22.02	23.50
		MID	64QAM	22.15	23.50
		HIGH	64QAM	22.26	23.50
	25	LOW	64QAM	21.34	22.50
		MID	64QAM	21.28	22.50
		HIGH	64QAM	21.24	22.50
10	50	LOW	64QAM	21.16	22.50

LTE B13--DSI_4 -Ant.4					
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	24.26	25.50
		MID	QPSK	24.34	25.50
		HIGH	QPSK	24.30	25.50
	12	LOW	QPSK	23.23	24.50
		MID	QPSK	23.36	24.50
		HIGH	QPSK	23.23	24.50
	25	LOW	QPSK	23.26	24.50
5	1	LOW	Q16	23.78	24.50
		MID	Q16	23.82	24.50
		HIGH	Q16	23.78	24.50
	12	LOW	Q16	22.47	23.50
		MID	Q16	22.57	23.50
		HIGH	Q16	22.45	23.50
	25	LOW	Q16	22.41	23.50
5	1	LOW	64QAM	22.87	23.50
		MID	64QAM	22.94	23.50
		HIGH	64QAM	22.69	23.50
	12	LOW	64QAM	21.52	22.50
		MID	64QAM	21.56	22.50
		HIGH	64QAM	21.41	22.50
	25	LOW	64QAM	21.36	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	24.25	25.50
		MID	QPSK	24.25	25.50
		HIGH	QPSK	24.27	25.50
	25	LOW	QPSK	23.19	24.50
		MID	QPSK	23.25	24.50
		HIGH	QPSK	23.26	24.50
50	LOW	QPSK	23.12	24.50	
10	1	LOW	Q16	23.04	24.50
		MID	Q16	23.16	24.50
		HIGH	Q16	23.07	24.50
	25	LOW	Q16	22.22	23.50
		MID	Q16	22.25	23.50
		HIGH	Q16	22.28	23.50
50	LOW	Q16	22.18	23.50	
10	1	LOW	64QAM	22.02	23.50
		MID	64QAM	22.15	23.50
		HIGH	64QAM	22.26	23.50
	25	LOW	64QAM	21.34	22.50
		MID	64QAM	21.28	22.50
		HIGH	64QAM	21.24	22.50
	50	LOW	64QAM	21.16	22.50

LTE B13--Full Power -Ant.0					
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	24.38	25.50
		MID	QPSK	24.54	25.50
		HIGH	QPSK	24.43	25.50
	12	LOW	QPSK	23.45	24.50
		MID	QPSK	23.48	24.50
		HIGH	QPSK	23.49	24.50
	25	LOW	QPSK	23.49	24.50
5	1	LOW	Q16	23.58	24.50
		MID	Q16	23.68	24.50
		HIGH	Q16	23.56	24.50
	12	LOW	Q16	22.60	23.50
		MID	Q16	22.65	23.50
		HIGH	Q16	22.64	23.50
	25	LOW	Q16	22.53	23.50
5	1	LOW	64QAM	22.58	23.50
		MID	64QAM	22.78	23.50
		HIGH	64QAM	22.52	23.50
	12	LOW	64QAM	21.73	22.50
		MID	64QAM	21.78	22.50
		HIGH	64QAM	21.49	22.50
	25	LOW	64QAM	21.58	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	24.48	25.50
		MID	QPSK	24.49	25.50
		HIGH	QPSK	24.55	25.50
	25	LOW	QPSK	23.54	24.50
		MID	QPSK	23.59	24.50
		HIGH	QPSK	23.58	24.50
10	1	LOW	QPSK	23.49	24.50
		MID	QPSK	23.49	24.50
		HIGH	QPSK	23.48	24.50
	25	LOW	Q16	22.57	23.50
		MID	Q16	22.55	23.50
		HIGH	Q16	22.59	23.50
10	1	LOW	Q16	22.56	23.50
		MID	Q16	22.56	23.50
		HIGH	Q16	22.56	23.50
	25	LOW	64QAM	22.45	23.50
		MID	64QAM	22.41	23.50
		HIGH	64QAM	22.29	23.50
10	1	LOW	64QAM	22.29	23.50
		MID	64QAM	22.29	23.50
		HIGH	64QAM	22.29	23.50
	25	LOW	64QAM	21.71	22.50
		MID	64QAM	21.43	22.50
		HIGH	64QAM	21.45	22.50
10	50	LOW	64QAM	21.55	22.50
		MID	64QAM	21.55	22.50

LTE B13--DSI_1-Ant.0					
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	24.38	25.50
		MID	QPSK	24.54	25.50
		HIGH	QPSK	24.43	25.50
	12	LOW	QPSK	23.45	24.50
		MID	QPSK	23.48	24.50
		HIGH	QPSK	23.49	24.50
	25	LOW	QPSK	23.49	24.50
5	1	LOW	Q16	23.58	24.50
		MID	Q16	23.68	24.50
		HIGH	Q16	23.56	24.50
	12	LOW	Q16	22.60	23.50
		MID	Q16	22.65	23.50
		HIGH	Q16	22.64	23.50
	25	LOW	Q16	22.53	23.50
5	1	LOW	64QAM	22.58	23.50
		MID	64QAM	22.78	23.50
		HIGH	64QAM	22.52	23.50
	12	LOW	64QAM	21.73	22.50
		MID	64QAM	21.78	22.50
		HIGH	64QAM	21.49	22.50
	25	LOW	64QAM	21.58	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	24.48	25.50
		MID	QPSK	24.49	25.50
		HIGH	QPSK	24.55	25.50
	25	LOW	QPSK	23.54	24.50
		MID	QPSK	23.59	24.50
		HIGH	QPSK	23.58	24.50
10	1	LOW	QPSK	23.49	24.50
		MID	QPSK	23.49	24.50
		HIGH	QPSK	23.48	24.50
	25	LOW	Q16	22.57	23.50
		MID	Q16	22.55	23.50
		HIGH	Q16	22.59	23.50
10	1	LOW	Q16	22.56	23.50
		MID	Q16	22.56	23.50
		HIGH	Q16	22.56	23.50
	25	LOW	64QAM	22.45	23.50
		MID	64QAM	22.41	23.50
		HIGH	64QAM	22.29	23.50
10	1	LOW	64QAM	22.29	23.50
		MID	64QAM	22.29	23.50
		HIGH	64QAM	22.29	23.50
	25	LOW	64QAM	21.71	22.50
		MID	64QAM	21.43	22.50
		HIGH	64QAM	21.45	22.50
10	50	LOW	64QAM	21.55	22.50
		MID	64QAM	21.55	22.50

LTE B13-DSI_4-Ant.0					
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	24.38	25.50
		MID	QPSK	24.54	25.50
		HIGH	QPSK	24.43	25.50
	12	LOW	QPSK	23.45	24.50
		MID	QPSK	23.48	24.50
		HIGH	QPSK	23.49	24.50
	25	LOW	QPSK	23.49	24.50
5	1	LOW	Q16	23.58	24.50
		MID	Q16	23.68	24.50
		HIGH	Q16	23.56	24.50
	12	LOW	Q16	22.60	23.50
		MID	Q16	22.65	23.50
		HIGH	Q16	22.64	23.50
	25	LOW	Q16	22.53	23.50
5	1	LOW	64QAM	22.58	23.50
		MID	64QAM	22.78	23.50
		HIGH	64QAM	22.52	23.50
	12	LOW	64QAM	21.73	22.50
		MID	64QAM	21.78	22.50
		HIGH	64QAM	21.49	22.50
	25	LOW	64QAM	21.58	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	24.48	25.50
		MID	QPSK	24.49	25.50
		HIGH	QPSK	24.55	25.50
	25	LOW	QPSK	23.54	24.50
		MID	QPSK	23.59	24.50
		HIGH	QPSK	23.58	24.50
50	LOW	QPSK	23.49	24.50	
10	1	LOW	Q16	23.36	24.50
		MID	Q16	23.49	24.50
		HIGH	Q16	23.48	24.50
	25	LOW	Q16	22.57	23.50
		MID	Q16	22.55	23.50
		HIGH	Q16	22.59	23.50
50	LOW	Q16	22.56	23.50	
10	1	LOW	64QAM	22.45	23.50
		MID	64QAM	22.41	23.50
		HIGH	64QAM	22.29	23.50
	25	LOW	64QAM	21.71	22.50
		MID	64QAM	21.43	22.50
		HIGH	64QAM	21.45	22.50
	50	LOW	64QAM	21.55	22.50

8.3.7 LTE Band17 Output Power

LTE B17-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.06	23.95	24.01	25.50
		MID	QPSK	24.21	24.20	24.11	25.50
		HIGH	QPSK	23.97	24.01	24.09	25.50
	12	LOW	QPSK	23.02	23.08	23.12	24.50
		MID	QPSK	23.19	23.09	23.13	24.50
		HIGH	QPSK	23.14	23.08	23.02	24.50
	25	LOW	QPSK	23.21	23.13	23.09	24.50
5	1	LOW	Q16	23.17	23.53	23.04	24.50
		MID	Q16	23.33	23.69	23.26	24.50
		HIGH	Q16	23.24	23.52	23.20	24.50
	12	LOW	Q16	22.26	22.18	22.20	23.50
		MID	Q16	22.27	22.30	22.22	23.50
		HIGH	Q16	22.26	22.26	22.12	23.50
	25	LOW	Q16	22.20	22.21	22.03	23.50
5	1	LOW	64QAM	22.25	22.47	22.15	23.50
		MID	64QAM	22.30	22.65	22.26	23.50
		HIGH	64QAM	22.33	22.51	22.19	23.50
	12	LOW	64QAM	21.33	21.12	21.28	22.50
		MID	64QAM	21.36	21.30	21.22	22.50
		HIGH	64QAM	21.41	21.11	20.99	22.50
	25	LOW	64QAM	21.38	21.03	21.04	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.04	24.09	24.11	25.50
		MID	QPSK	24.08	24.13	24.20	25.50
		HIGH	QPSK	24.20	24.16	24.25	25.50
	25	LOW	QPSK	23.05	23.05	23.11	24.50
		MID	QPSK	23.17	23.25	23.20	24.50
	50	HIGH	QPSK	23.14	23.12	23.04	24.50
10	1	LOW	QPSK	23.14	23.07	22.99	24.50
	1	LOW	Q16	23.09	23.45	23.14	24.50
		MID	Q16	23.08	23.58	23.21	24.50
		HIGH	Q16	23.08	23.42	23.19	24.50
	25	LOW	Q16	22.13	22.05	22.14	23.50
		MID	Q16	22.22	22.19	22.23	23.50
		HIGH	Q16	22.19	22.09	22.18	23.50
	50	LOW	Q16	22.12	22.10	22.13	23.50
10	1	LOW	64QAM	22.25	22.45	22.25	23.50
		MID	64QAM	22.06	22.54	22.22	23.50
		HIGH	64QAM	22.14	22.56	22.28	23.50
	25	LOW	64QAM	21.19	21.03	21.06	22.50
		MID	64QAM	21.36	21.32	21.31	22.50
		HIGH	64QAM	21.00	21.04	21.26	22.50
	50	LOW	64QAM	21.04	21.01	21.11	22.50

LTE B17-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.06	23.95	24.01	25.50
		MID	QPSK	24.21	24.20	24.11	25.50
		HIGH	QPSK	23.97	24.01	24.09	25.50
	12	LOW	QPSK	23.02	23.08	23.12	24.50
		MID	QPSK	23.19	23.09	23.13	24.50
		HIGH	QPSK	23.14	23.08	23.02	24.50
5	1	LOW	Q16	23.17	23.53	23.04	24.50
		MID	Q16	23.33	23.69	23.26	24.50
		HIGH	Q16	23.24	23.52	23.20	24.50
	12	LOW	Q16	22.26	22.18	22.20	23.50
		MID	Q16	22.27	22.30	22.22	23.50
		HIGH	Q16	22.26	22.26	22.12	23.50
5	1	LOW	Q16	22.20	22.21	22.03	23.50
		MID	Q16	22.20	22.21	22.03	23.50
		HIGH	Q16	22.20	22.21	22.03	23.50
	12	LOW	Q16	22.20	22.21	22.03	23.50
		MID	Q16	22.20	22.21	22.03	23.50
		HIGH	Q16	22.20	22.21	22.03	23.50
5	1	LOW	64QAM	22.25	22.47	22.15	23.50
		MID	64QAM	22.30	22.65	22.26	23.50
		HIGH	64QAM	22.33	22.51	22.19	23.50
	12	LOW	64QAM	21.33	21.12	21.28	22.50
		MID	64QAM	21.36	21.30	21.22	22.50
		HIGH	64QAM	21.41	21.11	20.99	22.50
5	1	LOW	64QAM	21.38	21.03	21.04	22.50
		MID	64QAM	21.38	21.03	21.04	22.50
		HIGH	64QAM	21.38	21.03	21.04	22.50
	12	LOW	64QAM	21.38	21.03	21.04	22.50
		MID	64QAM	21.38	21.03	21.04	22.50
		HIGH	64QAM	21.38	21.03	21.04	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.04	24.09	24.11	25.50
		MID	QPSK	24.08	24.13	24.20	25.50
		HIGH	QPSK	24.20	24.16	24.25	25.50
	25	LOW	QPSK	23.05	23.05	23.11	24.50
		MID	QPSK	23.17	23.25	23.20	24.50
		HIGH	QPSK	23.14	23.12	23.04	24.50
10	1	LOW	QPSK	23.14	23.07	22.99	24.50
		MID	QPSK	23.14	23.07	22.99	24.50
		HIGH	QPSK	23.14	23.07	22.99	24.50
	25	LOW	QPSK	23.14	23.07	22.99	24.50
		MID	QPSK	23.14	23.07	22.99	24.50
		HIGH	QPSK	23.14	23.07	22.99	24.50
10	1	LOW	Q16	23.09	23.45	23.14	24.50
		MID	Q16	23.08	23.58	23.21	24.50
		HIGH	Q16	23.08	23.42	23.19	24.50
	25	LOW	Q16	22.13	22.05	22.14	23.50
		MID	Q16	22.22	22.19	22.23	23.50
		HIGH	Q16	22.19	22.09	22.18	23.50
10	1	LOW	Q16	22.12	22.10	22.13	23.50
		MID	Q16	22.12	22.10	22.13	23.50
		HIGH	Q16	22.12	22.10	22.13	23.50
	25	LOW	Q16	22.12	22.10	22.13	23.50
		MID	Q16	22.12	22.10	22.13	23.50
		HIGH	Q16	22.12	22.10	22.13	23.50
10	1	LOW	64QAM	22.25	22.45	22.25	23.50
		MID	64QAM	22.06	22.54	22.22	23.50
		HIGH	64QAM	22.14	22.56	22.28	23.50
	25	LOW	64QAM	21.19	21.03	21.06	22.50
		MID	64QAM	21.36	21.32	21.31	22.50
		HIGH	64QAM	21.00	21.04	21.26	22.50
10	1	LOW	64QAM	21.04	21.01	21.11	22.50
		MID	64QAM	21.04	21.01	21.11	22.50
		HIGH	64QAM	21.04	21.01	21.11	22.50
	25	LOW	64QAM	21.04	21.01	21.11	22.50
		MID	64QAM	21.04	21.01	21.11	22.50
		HIGH	64QAM	21.04	21.01	21.11	22.50

LTE B17-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.06	23.95	24.01	25.50
		MID	QPSK	24.21	24.20	24.11	25.50
		HIGH	QPSK	23.97	24.01	24.09	25.50
	12	LOW	QPSK	23.02	23.08	23.12	24.50
		MID	QPSK	23.19	23.09	23.13	24.50
		HIGH	QPSK	23.14	23.08	23.02	24.50
5	1	LOW	Q16	23.21	23.13	23.09	24.50
		MID	Q16	23.17	23.53	23.04	24.50
		HIGH	Q16	23.33	23.69	23.26	24.50
	12	LOW	Q16	23.24	23.52	23.20	24.50
		MID	Q16	22.26	22.18	22.20	23.50
		HIGH	Q16	22.27	22.30	22.22	23.50
5	1	LOW	Q16	22.26	22.26	22.12	23.50
		MID	Q16	22.20	22.21	22.03	23.50
		HIGH	Q16	22.20	22.21	22.03	23.50
	12	LOW	64QAM	22.25	22.47	22.15	23.50
		MID	64QAM	22.30	22.65	22.26	23.50
		HIGH	64QAM	22.33	22.51	22.19	23.50
5	1	LOW	64QAM	21.33	21.12	21.28	22.50
		MID	64QAM	21.36	21.30	21.22	22.50
		HIGH	64QAM	21.41	21.11	20.99	22.50
	12	LOW	64QAM	21.38	21.03	21.04	22.50
		MID	64QAM	21.38	21.03	21.04	22.50
		HIGH	64QAM	21.38	21.03	21.04	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.04	24.09	24.11	25.50
		MID	QPSK	24.08	24.13	24.20	25.50
		HIGH	QPSK	24.20	24.16	24.25	25.50
	25	LOW	QPSK	23.05	23.05	23.11	24.50
		MID	QPSK	23.17	23.25	23.20	24.50
		HIGH	QPSK	23.14	23.12	23.04	24.50
10	1	LOW	QPSK	23.14	23.07	22.99	24.50
		MID	QPSK	23.14	23.07	22.99	24.50
		HIGH	QPSK	23.14	23.07	22.99	24.50
	25	LOW	Q16	23.09	23.45	23.14	24.50
		MID	Q16	23.08	23.58	23.21	24.50
		HIGH	Q16	23.08	23.42	23.19	24.50
10	1	LOW	Q16	22.13	22.05	22.14	23.50
		MID	Q16	22.22	22.19	22.23	23.50
		HIGH	Q16	22.19	22.09	22.18	23.50
	25	LOW	Q16	22.12	22.10	22.13	23.50
		MID	Q16	22.12	22.10	22.13	23.50
		HIGH	Q16	22.12	22.10	22.13	23.50
10	1	LOW	64QAM	22.25	22.45	22.25	23.50
		MID	64QAM	22.06	22.54	22.22	23.50
		HIGH	64QAM	22.14	22.56	22.28	23.50
	25	LOW	64QAM	21.19	21.03	21.06	22.50
		MID	64QAM	21.36	21.32	21.31	22.50
		HIGH	64QAM	21.00	21.04	21.26	22.50
10	1	LOW	64QAM	21.04	21.01	21.11	22.50
		MID	64QAM	21.04	21.01	21.11	22.50
		HIGH	64QAM	21.04	21.01	21.11	22.50
	25	LOW	64QAM	21.04	21.01	21.11	22.50
		MID	64QAM	21.04	21.01	21.11	22.50
		HIGH	64QAM	21.04	21.01	21.11	22.50

LTE B17-Full Power-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.19	24.22	24.16	25.50
		MID	QPSK	24.36	24.38	24.38	25.50
		HIGH	QPSK	24.20	24.26	24.30	25.50
	12	LOW	QPSK	23.37	23.28	23.31	24.50
		MID	QPSK	23.38	23.26	23.35	24.50
		HIGH	QPSK	23.37	23.25	23.22	24.50
	25	LOW	QPSK	23.41	23.29	23.32	24.50
5	1	LOW	Q16	23.47	23.73	23.22	24.50
		MID	Q16	23.56	23.90	23.47	24.50
		HIGH	Q16	23.48	23.77	23.38	24.50
	12	LOW	Q16	22.38	22.34	22.40	23.50
		MID	Q16	22.50	22.50	22.33	23.50
		HIGH	Q16	22.52	22.38	22.27	23.50
	25	LOW	Q16	22.40	22.36	22.30	23.50
5	1	LOW	64QAM	22.47	22.68	22.19	23.50
		MID	64QAM	22.71	22.70	22.53	23.50
		HIGH	64QAM	22.41	22.64	22.38	23.50
	12	LOW	64QAM	21.57	21.35	21.31	22.50
		MID	64QAM	21.51	21.54	21.48	22.50
		HIGH	64QAM	21.66	21.45	21.34	22.50
	25	LOW	64QAM	21.42	21.53	21.28	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.22	24.24	24.28	25.50
		MID	QPSK	24.36	24.31	24.29	25.50
		HIGH	QPSK	24.36	24.33	24.43	25.50
	25	LOW	QPSK	23.31	23.23	23.28	24.50
		MID	QPSK	23.41	23.34	23.31	24.50
	50	HIGH	QPSK	23.31	23.29	23.25	24.50
10	1	LOW	QPSK	23.32	23.23	23.25	24.50
	1	LOW	Q16	23.31	23.68	23.31	24.50
		MID	Q16	23.24	23.76	23.33	24.50
		HIGH	Q16	23.25	23.65	23.24	24.50
	25	LOW	Q16	22.30	22.29	22.37	23.50
		MID	Q16	22.44	22.40	22.51	23.50
		HIGH	Q16	22.37	22.33	22.37	23.50
	50	LOW	Q16	22.33	22.25	22.31	23.50
10	1	LOW	64QAM	22.24	22.87	22.28	23.50
		MID	64QAM	22.24	22.77	22.17	23.50
		HIGH	64QAM	22.29	22.65	22.17	23.50
	25	LOW	64QAM	21.45	21.14	21.31	22.50
		MID	64QAM	21.47	21.42	21.46	22.50
		HIGH	64QAM	21.40	21.15	21.27	22.50
	50	LOW	64QAM	21.17	21.39	21.21	22.50

LTE B17-DSI_1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.19	24.22	24.16	25.50
		MID	QPSK	24.36	24.38	24.38	25.50
		HIGH	QPSK	24.20	24.26	24.30	25.50
	12	LOW	QPSK	23.37	23.28	23.31	24.50
		MID	QPSK	23.38	23.26	23.35	24.50
		HIGH	QPSK	23.37	23.25	23.22	24.50
5	1	LOW	Q16	23.47	23.73	23.22	24.50
		MID	Q16	23.56	23.90	23.47	24.50
		HIGH	Q16	23.48	23.77	23.38	24.50
	12	LOW	Q16	22.38	22.34	22.40	23.50
		MID	Q16	22.50	22.50	22.33	23.50
		HIGH	Q16	22.52	22.38	22.27	23.50
5	1	LOW	Q16	22.40	22.36	22.30	23.50
	12	LOW	64QAM	22.47	22.68	22.19	23.50
		MID	64QAM	22.71	22.70	22.53	23.50
		HIGH	64QAM	22.41	22.64	22.38	23.50
	25	LOW	64QAM	21.57	21.35	21.31	22.50
		MID	64QAM	21.51	21.54	21.48	22.50
10	1	LOW	64QAM	21.66	21.45	21.34	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50
	25	LOW	64QAM	21.42	21.53	21.28	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50
	50	LOW	64QAM	21.42	21.53	21.28	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50
	100	LOW	64QAM	21.42	21.53	21.28	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50

LTE B17-DSI_4-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.19	24.22	24.16	25.50
		MID	QPSK	24.36	24.38	24.38	25.50
		HIGH	QPSK	24.20	24.26	24.30	25.50
	12	LOW	QPSK	23.37	23.28	23.31	24.50
		MID	QPSK	23.38	23.26	23.35	24.50
		HIGH	QPSK	23.37	23.25	23.22	24.50
5	1	LOW	Q16	23.47	23.73	23.22	24.50
		MID	Q16	23.56	23.90	23.47	24.50
		HIGH	Q16	23.48	23.77	23.38	24.50
	12	LOW	Q16	22.38	22.34	22.40	23.50
		MID	Q16	22.50	22.50	22.33	23.50
		HIGH	Q16	22.52	22.38	22.27	23.50
5	1	LOW	Q16	22.40	22.36	22.30	23.50
	12	LOW	64QAM	22.47	22.68	22.19	23.50
		MID	64QAM	22.71	22.70	22.53	23.50
		HIGH	64QAM	22.41	22.64	22.38	23.50
	25	LOW	64QAM	21.57	21.35	21.31	22.50
		MID	64QAM	21.51	21.54	21.48	22.50
10	1	LOW	64QAM	21.66	21.45	21.34	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50
	25	LOW	64QAM	21.42	21.53	21.28	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50
	50	LOW	64QAM	21.42	21.53	21.28	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50
	100	LOW	64QAM	21.42	21.53	21.28	22.50
		MID	64QAM	21.42	21.53	21.28	22.50
		HIGH	64QAM	21.42	21.53	21.28	22.50

8.3.8 LTE Band26 Output Power

LTE B26-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.17	23.95	23.99	25.50
		MID	QPSK	24.29	24.10	24.04	25.50
		HIGH	QPSK	24.22	24.04	24.03	25.50
	3	LOW	QPSK	24.26	24.06	24.04	25.50
		MID	QPSK	24.34	24.13	24.11	25.50
		HIGH	QPSK	24.27	24.11	24.14	25.50
	6	LOW	QPSK	23.42	23.25	23.21	24.50
1.4	1	LOW	Q16	23.16	23.06	23.31	24.50
		MID	Q16	23.17	23.14	23.43	24.50
		HIGH	Q16	23.16	23.03	23.31	24.50
	3	LOW	Q16	23.38	23.18	23.18	24.50
		MID	Q16	23.44	23.13	23.25	24.50
		HIGH	Q16	23.42	23.11	23.31	24.50
	6	LOW	Q16	22.58	22.29	22.05	23.50
1.4	1	LOW	64QAM	22.27	21.97	22.26	23.50
		MID	64QAM	22.08	22.08	22.36	23.50
		HIGH	64QAM	22.31	21.88	22.32	23.50
	3	LOW	64QAM	22.38	22.19	22.20	23.50
		MID	64QAM	22.43	22.16	22.34	23.50
		HIGH	64QAM	22.39	22.02	22.33	23.50
	6	LOW	64QAM	21.57	21.22	21.16	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.84	23.87	23.88	25.50
		MID	QPSK	23.95	24.00	23.93	25.50
		HIGH	QPSK	23.95	23.86	23.86	25.50
	8	LOW	QPSK	23.14	23.11	23.14	24.50
		MID	QPSK	23.24	23.18	23.10	24.50
		HIGH	QPSK	23.14	23.10	23.04	24.50
	15	LOW	QPSK	23.09	22.98	23.05	24.50
3	1	LOW	Q16	22.77	23.21	22.89	24.50
		MID	Q16	22.80	23.27	22.91	24.50
		HIGH	Q16	22.81	23.21	22.84	24.50
	8	LOW	Q16	22.22	22.17	22.12	23.50
		MID	Q16	22.31	22.22	22.14	23.50
		HIGH	Q16	22.19	22.16	22.08	23.50
	15	LOW	Q16	22.06	22.09	22.03	23.50
3	1	LOW	64QAM	21.70	22.30	21.90	23.50
		MID	64QAM	21.82	22.14	22.01	23.50
		HIGH	64QAM	21.89	22.26	21.92	23.50
	8	LOW	64QAM	21.10	21.12	21.20	22.50
		MID	64QAM	21.24	21.22	21.09	22.50
		HIGH	64QAM	21.11	20.96	21.16	22.50
	15	LOW	64QAM	21.01	21.02	20.92	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.14	24.07	24.10	25.50
		MID	QPSK	24.30	24.27	24.18	25.50
		HIGH	QPSK	24.10	24.16	24.11	25.50
	12	LOW	QPSK	23.08	23.06	23.10	24.50
		MID	QPSK	23.17	23.24	23.17	24.50
		HIGH	QPSK	23.16	23.11	23.06	24.50
	25	LOW	QPSK	23.13	23.13	23.07	24.50
5	1	LOW	Q16	23.28	23.62	23.27	24.50
		MID	Q16	23.31	23.71	23.28	24.50
		HIGH	Q16	23.28	23.61	23.24	24.50
	12	LOW	Q16	22.20	22.27	22.19	23.50
		MID	Q16	22.39	22.29	22.22	23.50
		HIGH	Q16	22.31	22.26	22.13	23.50
	25	LOW	Q16	22.19	22.23	22.09	23.50
5	1	LOW	64QAM	22.14	22.63	22.28	23.50
		MID	64QAM	22.44	22.66	22.32	23.50
		HIGH	64QAM	22.17	22.62	22.32	23.50
	12	LOW	64QAM	21.18	21.33	21.31	22.50
		MID	64QAM	21.52	21.41	21.38	22.50
		HIGH	64QAM	21.17	21.32	21.18	22.50
	25	LOW	64QAM	21.33	21.08	21.06	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.19	24.22	24.17	25.50
		MID	QPSK	24.25	24.23	24.31	25.50
		HIGH	QPSK	24.25	24.23	24.26	25.50
	25	LOW	QPSK	23.11	23.15	23.21	24.50
		MID	QPSK	23.27	23.23	23.30	24.50
		HIGH	QPSK	23.18	23.17	23.05	24.50
	50	LOW	QPSK	23.14	23.13	23.18	24.50
10	1	LOW	Q16	23.04	23.46	23.15	24.50
		MID	Q16	23.08	23.58	23.22	24.50
		HIGH	Q16	23.16	23.50	23.15	24.50
	25	LOW	Q16	22.23	22.11	22.30	23.50
		MID	Q16	22.27	22.22	22.31	23.50
		HIGH	Q16	22.31	22.19	22.20	23.50
	50	LOW	Q16	22.15	22.12	22.18	23.50
10	1	LOW	64QAM	21.97	22.39	22.10	23.50
		MID	64QAM	22.10	22.40	22.22	23.50
		HIGH	64QAM	22.07	22.70	22.19	23.50
	25	LOW	64QAM	21.26	20.98	21.35	22.50
		MID	64QAM	21.24	21.19	21.37	22.50
		HIGH	64QAM	21.42	21.11	21.15	22.50
	50	LOW	64QAM	21.22	21.15	21.29	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.13	24.15	24.10	25.50
		MID	QPSK	24.22	24.25	24.24	25.50
		HIGH	QPSK	24.23	24.07	24.12	25.50
	36	LOW	QPSK	23.12	23.31	23.20	24.50
		MID	QPSK	23.34	23.35	23.25	24.50
		HIGH	QPSK	23.34	23.25	23.21	24.50
	75	LOW	QPSK	23.26	23.28	23.24	24.50
15	1	LOW	Q16	23.05	23.57	23.43	24.50
		MID	Q16	23.11	23.56	23.59	24.50
		HIGH	Q16	22.98	23.49	23.46	24.50
	36	LOW	Q16	22.15	22.24	22.09	23.50
		MID	Q16	22.31	22.30	22.23	23.50
		HIGH	Q16	22.26	22.23	22.08	23.50
	75	LOW	Q16	22.29	22.21	22.20	23.50
15	1	LOW	64QAM	21.98	22.50	22.52	23.50
		MID	64QAM	22.27	22.55	22.50	23.50
		HIGH	64QAM	21.99	22.47	22.41	23.50
	36	LOW	64QAM	21.34	21.20	21.14	22.50
		MID	64QAM	21.40	21.24	21.28	22.50
		HIGH	64QAM	21.21	21.38	20.97	22.50
	75	LOW	64QAM	21.27	21.28	21.23	22.50

LTE B26-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.17	23.95	23.99	25.50
		MID	QPSK	24.29	24.10	24.04	25.50
		HIGH	QPSK	24.22	24.04	24.03	25.50
	3	LOW	QPSK	24.26	24.06	24.04	25.50
		MID	QPSK	24.34	24.13	24.11	25.50
		HIGH	QPSK	24.27	24.11	24.14	25.50
1.4	6	LOW	QPSK	23.42	23.25	23.21	24.50
		MID	Q16	23.16	23.06	23.31	24.50
		HIGH	Q16	23.17	23.14	23.43	24.50
	3	LOW	Q16	23.38	23.18	23.18	24.50
		MID	Q16	23.44	23.13	23.25	24.50
		HIGH	Q16	23.42	23.11	23.31	24.50
1.4	6	LOW	Q16	22.58	22.29	22.05	23.50
		MID	64QAM	22.27	21.97	22.26	23.50
		HIGH	64QAM	22.08	22.08	22.36	23.50
	3	LOW	64QAM	22.31	21.88	22.32	23.50
		MID	64QAM	22.38	22.19	22.20	23.50
		HIGH	64QAM	22.43	22.16	22.34	23.50
1.4	6	LOW	64QAM	22.39	22.02	22.33	23.50
		MID	64QAM	21.57	21.22	21.16	22.50
		HIGH	64QAM				
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.84	23.87	23.88	25.50
		MID	QPSK	23.95	24.00	23.93	25.50
		HIGH	QPSK	23.95	23.86	23.86	25.50
	8	LOW	QPSK	23.14	23.11	23.14	24.50
		MID	QPSK	23.24	23.18	23.10	24.50
		HIGH	QPSK	23.14	23.10	23.04	24.50
3	15	LOW	QPSK	23.09	22.98	23.05	24.50
		MID	Q16	22.77	23.21	22.89	24.50
		HIGH	Q16	22.80	23.27	22.91	24.50
	8	LOW	Q16	22.81	23.21	22.84	24.50
		MID	Q16	22.22	22.17	22.12	23.50
		HIGH	Q16	22.31	22.22	22.14	23.50
3	15	LOW	Q16	22.19	22.16	22.08	23.50
		MID	Q16	22.06	22.09	22.03	23.50
		HIGH	Q16				
	1	LOW	64QAM	21.70	22.30	21.90	23.50
		MID	64QAM	21.82	22.14	22.01	23.50
		HIGH	64QAM	21.89	22.26	21.92	23.50
3	8	LOW	64QAM	21.10	21.12	21.20	22.50
		MID	64QAM	21.24	21.22	21.09	22.50
		HIGH	64QAM	21.11	20.96	21.16	22.50
	15	LOW	64QAM	21.01	21.02	20.92	22.50
		MID	64QAM				
		HIGH	64QAM				

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.14	24.07	24.10	25.50
		MID	QPSK	24.30	24.27	24.18	25.50
		HIGH	QPSK	24.10	24.16	24.11	25.50
	12	LOW	QPSK	23.08	23.06	23.10	24.50
		MID	QPSK	23.17	23.24	23.17	24.50
		HIGH	QPSK	23.16	23.11	23.06	24.50
	25	LOW	QPSK	23.13	23.13	23.07	24.50
5	1	LOW	Q16	23.28	23.62	23.27	24.50
		MID	Q16	23.31	23.71	23.28	24.50
		HIGH	Q16	23.28	23.61	23.24	24.50
	12	LOW	Q16	22.20	22.27	22.19	23.50
		MID	Q16	22.39	22.29	22.22	23.50
		HIGH	Q16	22.31	22.26	22.13	23.50
	25	LOW	Q16	22.19	22.23	22.09	23.50
5	1	LOW	64QAM	22.14	22.63	22.28	23.50
		MID	64QAM	22.44	22.66	22.32	23.50
		HIGH	64QAM	22.17	22.62	22.32	23.50
	12	LOW	64QAM	21.18	21.33	21.31	22.50
		MID	64QAM	21.52	21.41	21.38	22.50
		HIGH	64QAM	21.17	21.32	21.18	22.50
	25	LOW	64QAM	21.33	21.08	21.06	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.19	24.22	24.17	25.50
		MID	QPSK	24.25	24.23	24.31	25.50
		HIGH	QPSK	24.25	24.23	24.26	25.50
	25	LOW	QPSK	23.11	23.15	23.21	24.50
		MID	QPSK	23.27	23.23	23.30	24.50
		HIGH	QPSK	23.18	23.17	23.05	24.50
	50	LOW	QPSK	23.14	23.13	23.18	24.50
10	1	LOW	Q16	23.04	23.46	23.15	24.50
		MID	Q16	23.08	23.58	23.22	24.50
		HIGH	Q16	23.16	23.50	23.15	24.50
	25	LOW	Q16	22.23	22.11	22.30	23.50
		MID	Q16	22.27	22.22	22.31	23.50
		HIGH	Q16	22.31	22.19	22.20	23.50
	50	LOW	Q16	22.15	22.12	22.18	23.50
10	1	LOW	64QAM	21.97	22.39	22.10	23.50
		MID	64QAM	22.10	22.40	22.22	23.50
		HIGH	64QAM	22.07	22.70	22.19	23.50
	25	LOW	64QAM	21.26	20.98	21.35	22.50
		MID	64QAM	21.24	21.19	21.37	22.50
		HIGH	64QAM	21.42	21.11	21.15	22.50
	50	LOW	64QAM	21.22	21.15	21.29	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.13	24.15	24.10	25.50
		MID	QPSK	24.22	24.25	24.24	25.50
		HIGH	QPSK	24.23	24.07	24.12	25.50
	36	LOW	QPSK	23.12	23.31	23.20	24.50
		MID	QPSK	23.34	23.35	23.25	24.50
		HIGH	QPSK	23.34	23.25	23.21	24.50
	75	LOW	QPSK	23.26	23.28	23.24	24.50
15	1	LOW	Q16	23.05	23.57	23.43	24.50
		MID	Q16	23.11	23.56	23.59	24.50
		HIGH	Q16	22.98	23.49	23.46	24.50
	36	LOW	Q16	22.15	22.24	22.09	23.50
		MID	Q16	22.31	22.30	22.23	23.50
		HIGH	Q16	22.26	22.23	22.08	23.50
	75	LOW	Q16	22.29	22.21	22.20	23.50
15	1	LOW	64QAM	21.98	22.50	22.52	23.50
		MID	64QAM	22.27	22.55	22.50	23.50
		HIGH	64QAM	21.99	22.47	22.41	23.50
	36	LOW	64QAM	21.34	21.20	21.14	22.50
		MID	64QAM	21.40	21.24	21.28	22.50
		HIGH	64QAM	21.21	21.38	20.97	22.50
	75	LOW	64QAM	21.27	21.28	21.23	22.50

LTE B26-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.17	23.95	23.99	25.50
		MID	QPSK	24.29	24.10	24.04	25.50
		HIGH	QPSK	24.22	24.04	24.03	25.50
	3	LOW	QPSK	24.26	24.06	24.04	25.50
		MID	QPSK	24.34	24.13	24.11	25.50
		HIGH	QPSK	24.27	24.11	24.14	25.50
	6	LOW	QPSK	23.42	23.25	23.21	24.50
1.4	1	LOW	Q16	23.16	23.06	23.31	24.50
		MID	Q16	23.17	23.14	23.43	24.50
		HIGH	Q16	23.16	23.03	23.31	24.50
	3	LOW	Q16	23.38	23.18	23.18	24.50
		MID	Q16	23.44	23.13	23.25	24.50
		HIGH	Q16	23.42	23.11	23.31	24.50
	6	LOW	Q16	22.58	22.29	22.05	23.50
1.4	1	LOW	64QAM	22.27	21.97	22.26	23.50
		MID	64QAM	22.08	22.08	22.36	23.50
		HIGH	64QAM	22.31	21.88	22.32	23.50
	3	LOW	64QAM	22.38	22.19	22.20	23.50
		MID	64QAM	22.43	22.16	22.34	23.50
		HIGH	64QAM	22.39	22.02	22.33	23.50
	6	LOW	64QAM	21.57	21.22	21.16	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.84	23.87	23.88	25.50
		MID	QPSK	23.95	24.00	23.93	25.50
		HIGH	QPSK	23.95	23.86	23.86	25.50
	8	LOW	QPSK	23.14	23.11	23.14	24.50
		MID	QPSK	23.24	23.18	23.10	24.50
		HIGH	QPSK	23.14	23.10	23.04	24.50
	15	LOW	QPSK	23.09	22.98	23.05	24.50
3	1	LOW	Q16	22.77	23.21	22.89	24.50
		MID	Q16	22.80	23.27	22.91	24.50
		HIGH	Q16	22.81	23.21	22.84	24.50
	8	LOW	Q16	22.22	22.17	22.12	23.50
		MID	Q16	22.31	22.22	22.14	23.50
		HIGH	Q16	22.19	22.16	22.08	23.50
	15	LOW	Q16	22.06	22.09	22.03	23.50
3	1	LOW	64QAM	21.70	22.30	21.90	23.50
		MID	64QAM	21.82	22.14	22.01	23.50
		HIGH	64QAM	21.89	22.26	21.92	23.50
	8	LOW	64QAM	21.10	21.12	21.20	23.50
		MID	64QAM	21.24	21.22	21.09	23.50
		HIGH	64QAM	21.11	20.96	21.16	23.50
	15	LOW	64QAM	21.01	21.02	20.92	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.14	24.07	24.10	25.50
		MID	QPSK	24.30	24.27	24.18	25.50
		HIGH	QPSK	24.10	24.16	24.11	25.50
	12	LOW	QPSK	23.08	23.06	23.10	24.50
		MID	QPSK	23.17	23.24	23.17	24.50
		HIGH	QPSK	23.16	23.11	23.06	24.50
	25	LOW	QPSK	23.13	23.13	23.07	24.50
5	1	LOW	Q16	23.28	23.62	23.27	24.50
		MID	Q16	23.31	23.71	23.28	24.50
		HIGH	Q16	23.28	23.61	23.24	24.50
	12	LOW	Q16	22.20	22.27	22.19	23.50
		MID	Q16	22.39	22.29	22.22	23.50
		HIGH	Q16	22.31	22.26	22.13	23.50
	25	LOW	Q16	22.19	22.23	22.09	23.50
5	1	LOW	64QAM	22.14	22.63	22.28	23.50
		MID	64QAM	22.44	22.66	22.32	23.50
		HIGH	64QAM	22.17	22.62	22.32	23.50
	12	LOW	64QAM	21.18	21.33	21.31	22.50
		MID	64QAM	21.52	21.41	21.38	22.50
		HIGH	64QAM	21.17	21.32	21.18	22.50
	25	LOW	64QAM	21.33	21.08	21.06	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.19	24.22	24.17	25.50
		MID	QPSK	24.25	24.23	24.31	25.50
		HIGH	QPSK	24.25	24.23	24.26	25.50
	25	LOW	QPSK	23.11	23.15	23.21	24.50
		MID	QPSK	23.27	23.23	23.30	24.50
		HIGH	QPSK	23.18	23.17	23.05	24.50
	50	LOW	QPSK	23.14	23.13	23.18	24.50
10	1	LOW	Q16	23.04	23.46	23.15	23.50
		MID	Q16	23.08	23.58	23.22	23.50
		HIGH	Q16	23.16	23.50	23.15	23.50
	25	LOW	Q16	22.23	22.11	22.30	23.50
		MID	Q16	22.27	22.22	22.31	23.50
		HIGH	Q16	22.31	22.19	22.20	23.50
	50	LOW	Q16	22.15	22.12	22.18	23.50
10	1	LOW	64QAM	21.97	22.39	22.10	23.50
		MID	64QAM	22.10	22.40	22.22	23.50
		HIGH	64QAM	22.07	22.70	22.19	23.50
	25	LOW	64QAM	21.26	20.98	21.35	22.50
		MID	64QAM	21.24	21.19	21.37	22.50
		HIGH	64QAM	21.42	21.11	21.15	22.50
	50	LOW	64QAM	21.22	21.15	21.29	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.13	24.15	24.10	25.50
		MID	QPSK	24.22	24.25	24.24	25.50
		HIGH	QPSK	24.23	24.07	24.12	25.50
	36	LOW	QPSK	23.12	23.31	23.20	24.50
		MID	QPSK	23.34	23.35	23.25	24.50
		HIGH	QPSK	23.34	23.25	23.21	24.50
	75	LOW	QPSK	23.26	23.28	23.24	24.50
15	1	LOW	Q16	23.05	23.57	23.43	23.50
		MID	Q16	23.11	23.56	23.59	23.50
		HIGH	Q16	22.98	23.49	23.46	23.50
	36	LOW	Q16	22.15	22.24	22.09	23.50
		MID	Q16	22.31	22.30	22.23	23.50
		HIGH	Q16	22.26	22.23	22.08	23.50
	75	LOW	Q16	22.29	22.21	22.20	23.50
15	1	LOW	64QAM	21.98	22.50	22.52	23.50
		MID	64QAM	22.27	22.55	22.50	23.50
		HIGH	64QAM	21.99	22.47	22.41	23.50
	36	LOW	64QAM	21.34	21.20	21.14	22.50
		MID	64QAM	21.40	21.24	21.28	22.50
		HIGH	64QAM	21.21	21.38	20.97	22.50
	75	LOW	64QAM	21.27	21.28	21.23	22.50

LTE B26-Full Power-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.24	24.27	24.11	25.50
		MID	QPSK	24.28	24.36	24.26	25.50
		HIGH	QPSK	24.27	24.26	24.17	25.50
	3	LOW	QPSK	24.34	24.28	24.32	25.50
		MID	QPSK	24.35	24.37	24.33	25.50
		HIGH	QPSK	24.35	24.31	24.38	25.50
	6	LOW	QPSK	23.48	23.50	23.43	24.50
1.4	1	LOW	Q16	23.22	23.60	23.17	24.50
		MID	Q16	23.37	23.63	23.27	24.50
		HIGH	Q16	23.29	23.56	23.26	24.50
	3	LOW	Q16	23.36	23.47	23.42	24.50
		MID	Q16	23.33	23.47	23.55	24.50
		HIGH	Q16	23.34	23.44	23.44	24.50
	6	LOW	Q16	22.54	22.32	22.56	23.50
1.4	1	LOW	64QAM	22.18	22.55	22.08	23.50
		MID	64QAM	22.48	22.48	22.14	23.50
		HIGH	64QAM	22.30	22.47	22.29	23.50
	3	LOW	64QAM	22.17	22.34	22.32	23.50
		MID	64QAM	22.23	22.56	22.56	23.50
		HIGH	64QAM	22.30	22.33	22.43	23.50
	6	LOW	64QAM	21.58	21.14	21.67	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.15	24.12	24.05	25.50
		MID	QPSK	24.18	24.18	24.16	25.50
		HIGH	QPSK	24.10	24.10	24.09	25.50
	8	LOW	QPSK	23.30	23.31	23.30	24.50
		MID	QPSK	23.44	23.39	23.32	24.50
		HIGH	QPSK	23.25	23.29	23.22	24.50
15	LOW	QPSK	23.21	23.26	23.28	24.50	
3	1	LOW	Q16	22.92	23.41	23.11	24.50
		MID	Q16	23.07	23.49	23.17	24.50
		HIGH	Q16	22.93	23.47	23.02	24.50
	8	LOW	Q16	22.44	22.38	22.31	23.50
		MID	Q16	22.54	22.42	22.40	23.50
		HIGH	Q16	22.47	22.31	22.26	23.50
15	LOW	Q16	22.38	22.28	22.22	23.50	
3	1	LOW	64QAM	22.11	22.33	22.13	23.50
		MID	64QAM	22.00	22.47	22.09	23.50
		HIGH	64QAM	21.84	22.40	21.93	23.50
	8	LOW	64QAM	21.35	21.35	21.21	22.50
		MID	64QAM	21.63	21.28	21.19	22.50
		HIGH	64QAM	21.31	21.26	21.29	22.50
	15	LOW	64QAM	21.33	21.12	21.08	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	24.29	24.28	25.50
		MID	QPSK	24.41	24.41	24.43	25.50
		HIGH	QPSK	24.36	24.37	24.29	25.50
	12	LOW	QPSK	23.27	23.27	23.39	24.50
		MID	QPSK	23.41	23.42	23.41	24.50
		HIGH	QPSK	23.33	23.32	23.25	24.50
	25	LOW	QPSK	23.28	23.35	23.32	24.50
5	1	LOW	Q16	23.47	23.85	23.39	24.50
		MID	Q16	23.50	23.88	23.54	24.50
		HIGH	Q16	23.51	23.81	23.35	24.50
	12	LOW	Q16	22.38	22.42	22.45	23.50
		MID	Q16	22.47	22.50	22.53	23.50
		HIGH	Q16	22.43	22.42	22.39	23.50
	25	LOW	Q16	22.43	22.36	22.34	23.50
5	1	LOW	64QAM	22.44	22.63	22.40	23.50
		MID	64QAM	22.46	22.89	22.65	23.50
		HIGH	64QAM	22.45	22.82	22.32	23.50
	12	LOW	64QAM	21.36	21.30	21.58	22.50
		MID	64QAM	21.51	21.63	21.34	22.50
		HIGH	64QAM	21.37	21.30	21.23	22.50
	25	LOW	64QAM	21.47	21.34	21.43	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.42	24.41	24.38	25.50
		MID	QPSK	24.45	24.44	24.45	25.50
		HIGH	QPSK	24.43	24.42	24.40	25.50
	25	LOW	QPSK	23.29	23.33	23.45	24.50
		MID	QPSK	23.43	23.46	23.46	24.50
		HIGH	QPSK	23.42	23.38	23.26	24.50
	50	LOW	QPSK	23.26	23.27	23.37	24.50
10	1	LOW	Q16	23.26	23.72	23.42	24.50
		MID	Q16	23.26	23.75	23.50	24.50
		HIGH	Q16	23.32	23.75	23.34	24.50
	25	LOW	Q16	22.35	22.38	22.48	23.50
		MID	Q16	22.47	22.51	22.48	23.50
		HIGH	Q16	22.49	22.42	22.31	23.50
	50	LOW	Q16	22.35	22.28	22.40	23.50
10	1	LOW	64QAM	22.09	22.56	22.33	23.50
		MID	64QAM	22.15	22.55	22.54	23.50
		HIGH	64QAM	22.37	22.61	22.51	23.50
	25	LOW	64QAM	21.31	21.23	21.54	22.50
		MID	64QAM	21.44	21.38	21.39	22.50
		HIGH	64QAM	21.47	21.54	21.33	22.50
	50	LOW	64QAM	21.47	21.42	21.45	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.40	24.31	25.50
		MID	QPSK	24.48	24.47	24.42	25.50
		HIGH	QPSK	24.33	24.35	24.35	25.50
	36	LOW	QPSK	23.36	23.44	23.43	24.50
		MID	QPSK	23.51	23.54	23.56	24.50
		HIGH	QPSK	23.55	23.52	23.40	24.50
	75	LOW	QPSK	23.41	23.47	23.39	24.50
15	1	LOW	Q16	23.21	23.63	23.71	24.50
		MID	Q16	23.34	23.81	23.81	24.50
		HIGH	Q16	23.17	23.69	23.72	24.50
	36	LOW	Q16	22.36	22.46	22.33	23.50
		MID	Q16	22.54	22.49	22.49	23.50
		HIGH	Q16	22.47	22.45	22.29	23.50
	75	LOW	Q16	22.47	22.47	22.41	23.50
15	1	LOW	64QAM	22.28	22.54	22.79	23.50
		MID	64QAM	22.51	22.79	22.83	23.50
		HIGH	64QAM	22.39	22.74	22.60	23.50
	36	LOW	64QAM	21.22	21.38	21.42	22.50
		MID	64QAM	21.41	21.53	21.29	22.50
		HIGH	64QAM	21.43	21.25	21.29	22.50
	75	LOW	64QAM	21.57	21.56	21.47	22.50

LTE B26-DSI_1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.24	24.27	24.11	25.50
		MID	QPSK	24.28	24.36	24.26	25.50
		HIGH	QPSK	24.27	24.26	24.17	25.50
	3	LOW	QPSK	24.34	24.28	24.32	25.50
		MID	QPSK	24.35	24.37	24.33	25.50
		HIGH	QPSK	24.35	24.31	24.38	25.50
1.4	1	LOW	QPSK	23.48	23.50	23.43	24.50
		MID	Q16	23.22	23.60	23.17	24.50
		HIGH	Q16	23.37	23.63	23.27	24.50
	3	LOW	Q16	23.29	23.56	23.26	24.50
		MID	Q16	23.36	23.47	23.42	24.50
		HIGH	Q16	23.33	23.47	23.55	24.50
1.4	1	LOW	Q16	23.34	23.44	23.44	24.50
		MID	Q16	22.54	22.32	22.56	23.50
		HIGH	Q16	22.54	22.32	22.56	23.50
	3	LOW	64QAM	22.18	22.55	22.08	23.50
		MID	64QAM	22.48	22.48	22.14	23.50
		HIGH	64QAM	22.30	22.47	22.29	23.50
1.4	1	LOW	64QAM	22.17	22.34	22.32	23.50
		MID	64QAM	22.23	22.56	22.56	23.50
		HIGH	64QAM	22.30	22.33	22.43	23.50
	3	LOW	64QAM	21.58	21.14	21.67	22.50
		MID	64QAM	21.58	21.14	21.67	22.50
		HIGH	64QAM	21.58	21.14	21.67	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.15	24.12	24.05	25.50
		MID	QPSK	24.18	24.18	24.16	25.50
		HIGH	QPSK	24.10	24.10	24.09	25.50
	8	LOW	QPSK	23.30	23.31	23.30	24.50
		MID	QPSK	23.44	23.39	23.32	24.50
		HIGH	QPSK	23.25	23.29	23.22	24.50
3	1	LOW	QPSK	23.21	23.26	23.28	24.50
		MID	QPSK	23.21	23.26	23.28	24.50
		HIGH	QPSK	23.21	23.26	23.28	24.50
	8	LOW	Q16	22.92	23.41	23.11	24.50
		MID	Q16	23.07	23.49	23.17	24.50
		HIGH	Q16	22.93	23.47	23.02	24.50
3	1	LOW	Q16	22.44	22.38	22.31	23.50
		MID	Q16	22.54	22.42	22.40	23.50
		HIGH	Q16	22.47	22.31	22.26	23.50
	8	LOW	Q16	22.38	22.28	22.22	23.50
		MID	Q16	22.38	22.28	22.22	23.50
		HIGH	Q16	22.38	22.28	22.22	23.50
3	1	LOW	64QAM	22.11	22.33	22.13	23.50
		MID	64QAM	22.00	22.47	22.09	23.50
		HIGH	64QAM	21.84	22.40	21.93	23.50
	8	LOW	64QAM	21.35	21.35	21.21	22.50
		MID	64QAM	21.63	21.28	21.19	22.50
		HIGH	64QAM	21.31	21.26	21.29	22.50
3	1	LOW	64QAM	21.33	21.12	21.08	22.50
		MID	64QAM	21.33	21.12	21.08	22.50
		HIGH	64QAM	21.33	21.12	21.08	22.50
	8	LOW	64QAM	21.33	21.12	21.08	22.50
		MID	64QAM	21.33	21.12	21.08	22.50
		HIGH	64QAM	21.33	21.12	21.08	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	24.29	24.28	25.50
		MID	QPSK	24.41	24.41	24.43	25.50
		HIGH	QPSK	24.36	24.37	24.29	25.50
	12	LOW	QPSK	23.27	23.27	23.39	24.50
		MID	QPSK	23.41	23.42	23.41	24.50
		HIGH	QPSK	23.33	23.32	23.25	24.50
	25	LOW	QPSK	23.28	23.35	23.32	24.50
5	1	LOW	Q16	23.47	23.85	23.39	24.50
		MID	Q16	23.50	23.88	23.54	24.50
		HIGH	Q16	23.51	23.81	23.35	24.50
	12	LOW	Q16	22.38	22.42	22.45	23.50
		MID	Q16	22.47	22.50	22.53	23.50
		HIGH	Q16	22.43	22.42	22.39	23.50
	25	LOW	Q16	22.43	22.36	22.34	23.50
5	1	LOW	64QAM	22.44	22.63	22.40	23.50
		MID	64QAM	22.46	22.89	22.65	23.50
		HIGH	64QAM	22.45	22.82	22.32	23.50
	12	LOW	64QAM	21.36	21.30	21.58	22.50
		MID	64QAM	21.51	21.63	21.34	22.50
		HIGH	64QAM	21.37	21.30	21.23	22.50
	25	LOW	64QAM	21.47	21.34	21.43	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.42	24.41	24.38	25.50
		MID	QPSK	24.45	24.44	24.45	25.50
		HIGH	QPSK	24.43	24.42	24.40	25.50
	25	LOW	QPSK	23.29	23.33	23.45	24.50
		MID	QPSK	23.43	23.46	23.46	24.50
		HIGH	QPSK	23.42	23.38	23.26	24.50
	50	LOW	QPSK	23.26	23.27	23.37	24.50
10	1	LOW	Q16	23.26	23.72	23.42	24.50
		MID	Q16	23.26	23.75	23.50	24.50
		HIGH	Q16	23.32	23.75	23.34	24.50
	25	LOW	Q16	22.35	22.38	22.48	23.50
		MID	Q16	22.47	22.51	22.48	23.50
		HIGH	Q16	22.49	22.42	22.31	23.50
	50	LOW	Q16	22.35	22.28	22.40	23.50
10	1	LOW	64QAM	22.09	22.56	22.33	23.50
		MID	64QAM	22.15	22.55	22.54	23.50
		HIGH	64QAM	22.37	22.61	22.51	23.50
	25	LOW	64QAM	21.31	21.23	21.54	22.50
		MID	64QAM	21.44	21.38	21.39	22.50
		HIGH	64QAM	21.47	21.54	21.33	22.50
	50	LOW	64QAM	21.47	21.42	21.45	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.40	24.31	25.50
		MID	QPSK	24.48	24.47	24.42	25.50
		HIGH	QPSK	24.33	24.35	24.35	25.50
	36	LOW	QPSK	23.36	23.44	23.43	24.50
		MID	QPSK	23.51	23.54	23.56	24.50
		HIGH	QPSK	23.55	23.52	23.40	24.50
	75	LOW	QPSK	23.41	23.47	23.39	24.50
15	1	LOW	Q16	23.21	23.63	23.71	24.50
		MID	Q16	23.34	23.81	23.81	24.50
		HIGH	Q16	23.17	23.69	23.72	24.50
	36	LOW	Q16	22.36	22.46	22.33	23.50
		MID	Q16	22.54	22.49	22.49	23.50
		HIGH	Q16	22.47	22.45	22.29	23.50
	75	LOW	Q16	22.47	22.47	22.41	23.50
15	1	LOW	64QAM	22.28	22.54	22.79	23.50
		MID	64QAM	22.51	22.79	22.83	23.50
		HIGH	64QAM	22.39	22.74	22.60	23.50
	36	LOW	64QAM	21.22	21.38	21.42	22.50
		MID	64QAM	21.41	21.53	21.29	22.50
		HIGH	64QAM	21.43	21.25	21.29	22.50
	75	LOW	64QAM	21.57	21.56	21.47	22.50

LTE B26-DSI_4-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.24	24.27	24.11	25.50
		MID	QPSK	24.28	24.36	24.26	25.50
		HIGH	QPSK	24.27	24.26	24.17	25.50
	3	LOW	QPSK	24.34	24.28	24.32	25.50
		MID	QPSK	24.35	24.37	24.33	25.50
		HIGH	QPSK	24.35	24.31	24.38	25.50
	6	LOW	QPSK	23.48	23.50	23.43	24.50
	1.4	LOW	Q16	23.22	23.60	23.17	24.50
		MID	Q16	23.37	23.63	23.27	24.50
		HIGH	Q16	23.29	23.56	23.26	24.50
1.4	1	LOW	Q16	23.36	23.47	23.42	24.50
		MID	Q16	23.33	23.47	23.55	24.50
		HIGH	Q16	23.34	23.44	23.44	24.50
	6	LOW	Q16	22.54	22.32	22.56	23.50
	1.4	LOW	64QAM	22.18	22.55	22.08	23.50
		MID	64QAM	22.48	22.48	22.14	23.50
		HIGH	64QAM	22.30	22.47	22.29	23.50
	3	LOW	64QAM	22.17	22.34	22.32	23.50
		MID	64QAM	22.23	22.56	22.56	23.50
		HIGH	64QAM	22.30	22.33	22.43	23.50
	6	LOW	64QAM	21.58	21.14	21.67	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.15	24.12	24.05	25.50
		MID	QPSK	24.18	24.18	24.16	25.50
		HIGH	QPSK	24.10	24.10	24.09	25.50
	8	LOW	QPSK	23.30	23.31	23.30	24.50
		MID	QPSK	23.44	23.39	23.32	24.50
		HIGH	QPSK	23.25	23.29	23.22	24.50
	15	LOW	QPSK	23.21	23.26	23.28	24.50
	3	LOW	Q16	22.92	23.41	23.11	24.50
		MID	Q16	23.07	23.49	23.17	24.50
		HIGH	Q16	22.93	23.47	23.02	24.50
3	1	LOW	Q16	22.44	22.38	22.31	23.50
		MID	Q16	22.54	22.42	22.40	23.50
		HIGH	Q16	22.47	22.31	22.26	23.50
	15	LOW	Q16	22.38	22.28	22.22	23.50
	3	LOW	64QAM	22.11	22.33	22.13	23.50
		MID	64QAM	22.00	22.47	22.09	23.50
		HIGH	64QAM	21.84	22.40	21.93	23.50
	8	LOW	64QAM	21.35	21.35	21.21	22.50
		MID	64QAM	21.63	21.28	21.19	22.50
		HIGH	64QAM	21.31	21.26	21.29	22.50
	15	LOW	64QAM	21.33	21.12	21.08	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	24.29	24.28	25.50
		MID	QPSK	24.41	24.41	24.43	25.50
		HIGH	QPSK	24.36	24.37	24.29	25.50
	12	LOW	QPSK	23.27	23.27	23.39	24.50
		MID	QPSK	23.41	23.42	23.41	24.50
		HIGH	QPSK	23.33	23.32	23.25	24.50
	25	LOW	QPSK	23.28	23.35	23.32	24.50
		MID	QPSK	23.38	23.38	23.38	24.50
		HIGH	QPSK	23.31	23.31	23.31	24.50
5	1	LOW	Q16	23.47	23.85	23.39	24.50
		MID	Q16	23.50	23.88	23.54	24.50
		HIGH	Q16	23.51	23.81	23.35	24.50
	12	LOW	Q16	22.38	22.42	22.45	23.50
		MID	Q16	22.47	22.50	22.53	23.50
		HIGH	Q16	22.43	22.42	22.39	23.50
	25	LOW	Q16	22.43	22.36	22.34	23.50
		MID	Q16	22.43	22.36	22.34	23.50
		HIGH	Q16	22.43	22.36	22.34	23.50
5	1	LOW	64QAM	22.44	22.63	22.40	23.50
		MID	64QAM	22.46	22.89	22.65	23.50
		HIGH	64QAM	22.45	22.82	22.32	23.50
	12	LOW	64QAM	21.36	21.30	21.58	22.50
		MID	64QAM	21.51	21.63	21.34	22.50
		HIGH	64QAM	21.37	21.30	21.23	22.50
	25	LOW	64QAM	21.47	21.34	21.43	22.50
		MID	64QAM	21.47	21.34	21.43	22.50
		HIGH	64QAM	21.47	21.34	21.43	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.42	24.41	24.38	25.50
		MID	QPSK	24.45	24.44	24.45	25.50
		HIGH	QPSK	24.43	24.42	24.40	25.50
	25	LOW	QPSK	23.29	23.33	23.45	24.50
		MID	QPSK	23.43	23.46	23.46	24.50
		HIGH	QPSK	23.42	23.38	23.26	24.50
	50	LOW	QPSK	23.26	23.27	23.37	24.50
		MID	QPSK	23.36	23.36	23.36	24.50
		HIGH	QPSK	23.29	23.29	23.29	24.50
10	1	LOW	Q16	23.26	23.72	23.42	24.50
		MID	Q16	23.26	23.75	23.50	24.50
		HIGH	Q16	23.32	23.75	23.34	24.50
	25	LOW	Q16	22.35	22.38	22.48	23.50
		MID	Q16	22.47	22.51	22.48	23.50
		HIGH	Q16	22.49	22.42	22.31	23.50
	50	LOW	Q16	22.35	22.28	22.40	23.50
		MID	Q16	22.35	22.28	22.40	23.50
		HIGH	Q16	22.35	22.28	22.40	23.50
10	1	LOW	64QAM	22.09	22.56	22.33	23.50
		MID	64QAM	22.15	22.55	22.54	23.50
		HIGH	64QAM	22.37	22.61	22.51	23.50
	25	LOW	64QAM	21.31	21.23	21.54	22.50
		MID	64QAM	21.44	21.38	21.39	22.50
		HIGH	64QAM	21.47	21.54	21.33	22.50
	50	LOW	64QAM	21.47	21.42	21.45	22.50
		MID	64QAM	21.47	21.42	21.45	22.50
		HIGH	64QAM	21.47	21.42	21.45	22.50

Bandwidth (	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.40	24.31	25.50
		MID	QPSK	24.48	24.47	24.42	25.50
		HIGH	QPSK	24.33	24.35	24.35	25.50
	36	LOW	QPSK	23.36	23.44	23.43	24.50
		MID	QPSK	23.51	23.54	23.56	24.50
		HIGH	QPSK	23.55	23.52	23.40	24.50
	75	LOW	QPSK	23.41	23.47	23.39	24.50
15	1	LOW	Q16	23.21	23.63	23.71	24.50
		MID	Q16	23.34	23.81	23.81	24.50
		HIGH	Q16	23.17	23.69	23.72	24.50
	36	LOW	Q16	22.36	22.46	22.33	23.50
		MID	Q16	22.54	22.49	22.49	23.50
		HIGH	Q16	22.47	22.45	22.29	23.50
	75	LOW	Q16	22.47	22.47	22.41	23.50
15	1	LOW	64QAM	22.28	22.54	22.79	23.50
		MID	64QAM	22.51	22.79	22.83	23.50
		HIGH	64QAM	22.39	22.74	22.60	23.50
	36	LOW	64QAM	21.22	21.38	21.42	22.50
		MID	64QAM	21.41	21.53	21.29	22.50
		HIGH	64QAM	21.43	21.25	21.29	22.50
	75	LOW	64QAM	21.57	21.56	21.47	22.50

8.3.9 LTE Band66 Output Power

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	24.92	24.94	24.79	25.50
		MID	QPSK	25.00	24.94	24.86	25.50
		HIGH	QPSK	24.93	25.00	24.76	25.50
	3	LOW	QPSK	24.81	24.93	24.86	25.50
		MID	QPSK	24.84	25.01	24.84	25.50
		HIGH	QPSK	24.91	24.97	24.83	25.50
	6	LOW	QPSK	23.97	24.13	23.89	24.50
	1.4	LOW	Q16	23.73	24.20	23.73	24.50
		MID	Q16	23.80	24.28	23.80	24.50
		HIGH	Q16	23.78	24.17	23.76	24.50
		LOW	Q16	23.84	24.06	24.03	24.50
		MID	Q16	23.85	24.08	24.03	24.50
		HIGH	Q16	23.86	24.17	24.01	24.50
1.4	6	LOW	Q16	23.10	22.94	23.03	23.50
	1	LOW	64QAM	22.69	23.42	22.73	23.50
		MID	64QAM	22.80	23.08	22.67	23.50
		HIGH	64QAM	22.71	23.08	22.64	23.50
	3	LOW	64QAM	22.74	22.97	23.06	23.50
		MID	64QAM	23.02	23.03	23.15	23.50
		HIGH	64QAM	22.90	23.11	22.83	23.50
	6	LOW	64QAM	22.03	21.97	21.92	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.76	24.80	24.67	25.50
		MID	QPSK	24.89	24.96	24.89	25.50
		HIGH	QPSK	24.78	24.89	24.65	25.50
	8	LOW	QPSK	23.91	24.05	23.82	24.50
		MID	QPSK	24.04	24.12	23.88	24.50
		HIGH	QPSK	23.94	24.05	23.87	24.50
3	15	LOW	QPSK	23.89	23.94	23.88	24.50
	1	LOW	Q16	23.51	24.10	23.60	24.50
		MID	Q16	23.63	24.22	23.73	24.50
		HIGH	Q16	23.44	24.12	23.67	24.50
	8	LOW	Q16	23.04	23.04	22.92	23.50
		MID	Q16	23.09	23.14	22.96	23.50
		HIGH	Q16	23.00	23.09	22.93	23.50
	15	LOW	Q16	22.90	22.95	22.78	23.50
3	1	LOW	64QAM	22.49	23.07	22.47	23.50
		MID	64QAM	22.71	23.24	22.77	23.50
		HIGH	64QAM	22.57	23.05	22.66	23.50
	8	LOW	64QAM	21.94	21.98	21.90	22.50
		MID	64QAM	22.12	22.02	21.96	22.50
		HIGH	64QAM	22.02	22.15	21.88	22.50
	15	LOW	64QAM	21.96	22.14	21.70	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.94	24.73	24.86	25.50
		MID	QPSK	25.03	24.85	25.02	25.50
		HIGH	QPSK	24.97	24.80	24.91	25.50
	12	LOW	QPSK	23.94	23.98	23.85	24.50
		MID	QPSK	24.04	24.11	23.94	24.50
		HIGH	QPSK	23.90	24.00	23.91	24.50
	25	LOW	QPSK	23.89	24.01	23.99	24.50
5	1	LOW	Q16	23.96	24.23	23.87	24.50
		MID	Q16	24.12	24.28	24.03	24.50
		HIGH	Q16	24.06	24.10	24.00	24.50
	12	LOW	Q16	23.01	23.15	22.86	23.50
		MID	Q16	23.00	23.23	22.98	23.50
		HIGH	Q16	22.97	23.27	23.01	23.50
	25	LOW	Q16	22.93	23.15	22.91	23.50
5	1	LOW	64QAM	22.92	23.30	22.90	23.50
		MID	64QAM	23.20	23.19	23.17	23.50
		HIGH	64QAM	23.13	23.11	22.92	23.50
	12	LOW	64QAM	21.98	22.16	21.70	22.50
		MID	64QAM	21.94	22.23	22.09	22.50
		HIGH	64QAM	22.15	22.20	21.87	22.50
	25	LOW	64QAM	21.87	22.12	21.80	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	25.07	25.06	25.07	25.50
		MID	QPSK	25.11	25.15	25.07	25.50
		HIGH	QPSK	25.12	25.18	24.97	25.50
	25	LOW	QPSK	23.95	23.93	23.80	24.50
		MID	QPSK	24.05	24.16	23.95	24.50
		HIGH	QPSK	23.95	24.09	24.01	24.50
10	50	LOW	QPSK	24.00	23.99	23.99	24.50
	1	LOW	Q16	23.82	24.37	23.86	24.50
		MID	Q16	23.87	24.41	23.90	24.50
		HIGH	Q16	23.90	24.31	23.92	24.50
	25	LOW	Q16	22.98	22.91	22.98	23.50
		MID	Q16	23.02	23.10	23.02	23.50
		HIGH	Q16	23.01	23.11	23.07	23.50
	50	LOW	Q16	22.95	23.08	23.06	23.50
10	1	LOW	64QAM	22.77	23.36	22.80	23.50
		MID	64QAM	22.68	23.31	22.85	23.50
		HIGH	64QAM	22.88	23.21	23.08	23.50
	25	LOW	64QAM	21.88	21.91	22.06	22.50
		MID	64QAM	22.09	22.08	22.18	22.50
		HIGH	64QAM	21.92	22.15	22.25	22.50
	50	LOW	64QAM	22.12	22.19	22.10	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.99	25.03	25.07	25.50
		MID	QPSK	25.08	25.18	25.22	25.50
		HIGH	QPSK	25.12	25.13	24.93	25.50
	36	LOW	QPSK	24.17	24.01	24.06	24.50
		MID	QPSK	24.19	24.20	24.20	24.50
		HIGH	QPSK	24.12	24.22	24.19	24.50
	75	LOW	QPSK	24.12	24.05	24.07	24.50
15	1	LOW	Q16	23.72	24.02	23.94	24.50
		MID	Q16	23.95	24.14	24.06	24.50
		HIGH	Q16	23.89	24.02	23.95	24.50
	36	LOW	Q16	23.03	22.97	22.95	23.50
		MID	Q16	23.08	23.21	23.04	23.50
		HIGH	Q16	22.99	23.16	23.02	23.50
	75	LOW	Q16	23.00	23.11	23.07	23.50
15	1	LOW	64QAM	22.80	23.38	23.33	23.50
		MID	64QAM	22.99	23.32	23.19	23.50
		HIGH	64QAM	22.70	23.28	23.33	23.50
	36	LOW	64QAM	22.13	22.08	22.06	22.50
		MID	64QAM	21.96	22.11	22.06	22.50
		HIGH	64QAM	22.14	22.17	22.19	22.50
	75	LOW	64QAM	21.89	22.19	21.90	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.86	24.97	24.88	25.50
		MID	QPSK	25.13	25.19	25.10	25.50
		HIGH	QPSK	25.08	25.10	24.83	25.50
	50	LOW	QPSK	24.13	23.80	24.05	24.50
		MID	QPSK	24.02	24.12	24.03	24.50
		HIGH	QPSK	24.07	23.96	24.10	24.50
	100	LOW	QPSK	24.06	23.96	24.06	24.50
20	1	LOW	Q16	23.93	23.95	23.77	24.50
		MID	Q16	24.20	24.14	24.13	24.50
		HIGH	Q16	24.16	23.96	23.92	24.50
	50	LOW	Q16	23.11	22.80	23.06	23.50
		MID	Q16	23.08	23.06	23.05	23.50
		HIGH	Q16	23.13	23.09	23.09	23.50
	100	LOW	Q16	23.19	23.00	23.12	23.50
20	1	LOW	64QAM	22.90	22.85	22.70	23.50
		MID	64QAM	23.41	23.33	22.89	23.50
		HIGH	64QAM	23.10	22.84	22.91	23.50
	50	LOW	64QAM	22.22	21.92	21.96	22.50
		MID	64QAM	22.07	22.02	22.17	22.50
		HIGH	64QAM	22.02	22.04	22.26	22.50
	100	LOW	64QAM	22.16	21.90	22.09	22.50

LTE B66-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.51	20.46	20.12	21.00
		MID	QPSK	20.59	20.55	20.15	21.00
		HIGH	QPSK	20.57	20.48	20.11	21.00
	3	LOW	QPSK	20.66	20.58	20.24	21.00
		MID	QPSK	20.65	20.61	20.22	21.00
		HIGH	QPSK	20.67	20.57	20.21	21.00
	6	LOW	QPSK	20.75	20.66	20.29	21.00
1.4	1	LOW	Q16	20.62	20.84	20.17	21.00
		MID	Q16	20.70	20.89	20.22	21.00
		HIGH	Q16	20.65	20.86	20.15	21.00
	3	LOW	Q16	20.64	20.81	20.41	21.00
		MID	Q16	20.68	20.77	20.45	21.00
		HIGH	Q16	20.73	20.79	20.41	21.00
	6	LOW	Q16	20.87	20.58	20.50	21.00
1.4	1	LOW	64QAM	20.55	20.89	20.06	21.00
		MID	64QAM	20.63	20.87	20.17	21.00
		HIGH	64QAM	20.72	20.92	20.20	21.00
	3	LOW	64QAM	20.77	20.83	20.51	21.00
		MID	64QAM	20.73	20.81	20.41	21.00
		HIGH	64QAM	20.66	20.64	20.47	21.00
	6	LOW	64QAM	20.97	20.43	20.42	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.44	20.39	20.07	21.00
		MID	QPSK	20.57	20.51	20.14	21.00
		HIGH	QPSK	20.48	20.37	19.98	21.00
	8	LOW	QPSK	20.71	20.61	20.30	21.00
		MID	QPSK	20.77	20.68	20.33	21.00
		HIGH	QPSK	20.71	20.62	20.24	21.00
3	15	LOW	QPSK	20.65	20.56	20.26	21.00
	1	LOW	Q16	20.37	20.81	20.20	21.00
		MID	Q16	20.51	20.89	20.18	21.00
		HIGH	Q16	20.35	20.78	20.02	21.00
	8	LOW	Q16	20.82	20.72	20.37	21.00
		MID	Q16	20.87	20.78	20.37	21.00
		HIGH	Q16	20.82	20.69	20.31	21.00
	15	LOW	Q16	20.68	20.64	20.24	21.00
3	1	LOW	64QAM	20.38	20.79	20.15	21.00
		MID	64QAM	20.36	20.98	20.19	21.00
		HIGH	64QAM	20.41	20.73	19.99	21.00
	8	LOW	64QAM	20.77	20.83	20.42	21.00
		MID	64QAM	21.00	20.64	20.38	21.00
		HIGH	64QAM	20.85	20.56	20.37	21.00
	15	LOW	64QAM	20.73	20.78	20.14	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.71	20.65	20.38	21.00
		MID	QPSK	20.88	20.81	20.43	21.00
		HIGH	QPSK	20.81	20.68	20.24	21.00
	12	LOW	QPSK	20.68	20.62	20.35	21.00
		MID	QPSK	20.83	20.71	20.42	21.00
		HIGH	QPSK	20.81	20.66	20.33	21.00
	25	LOW	QPSK	20.76	20.68	20.40	21.00
5	1	LOW	Q16	20.85	20.97	20.53	21.00
		MID	Q16	20.94	20.95	20.58	21.00
		HIGH	Q16	20.98	20.97	20.42	21.00
	12	LOW	Q16	20.74	20.77	20.45	21.00
		MID	Q16	20.91	20.88	20.50	21.00
		HIGH	Q16	20.89	20.83	20.40	21.00
	25	LOW	Q16	20.76	20.76	20.37	21.00
5	1	LOW	64QAM	20.80	20.98	20.65	21.00
		MID	64QAM	20.98	20.96	20.55	21.00
		HIGH	64QAM	20.96	20.95	20.29	21.00
	12	LOW	64QAM	20.76	20.63	20.39	21.00
		MID	64QAM	20.83	20.86	20.62	21.00
		HIGH	64QAM	20.95	20.71	20.38	21.00
	25	LOW	64QAM	20.85	20.85	20.46	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.72	20.73	20.60	21.00
		MID	QPSK	20.90	20.80	20.51	21.00
		HIGH	QPSK	20.94	20.72	20.37	21.00
	25	LOW	QPSK	20.70	20.62	20.53	21.00
		MID	QPSK	20.90	20.76	20.50	21.00
		HIGH	QPSK	20.88	20.77	20.40	21.00
10	50	LOW	QPSK	20.79	20.69	20.47	21.00
10	1	LOW	Q16	20.67	20.95	20.63	21.00
		MID	Q16	20.82	20.94	20.59	21.00
		HIGH	Q16	20.91	20.95	20.40	21.00
	25	LOW	Q16	20.73	20.66	20.62	21.00
		MID	Q16	20.90	20.76	20.62	21.00
		HIGH	Q16	20.87	20.75	20.46	21.00
10	50	LOW	Q16	20.78	20.74	20.53	21.00
10	1	LOW	64QAM	20.81	20.95	20.56	21.00
		MID	64QAM	20.73	20.94	20.60	21.00
		HIGH	64QAM	20.80	21.00	20.47	21.00
	25	LOW	64QAM	20.80	20.64	20.69	21.00
		MID	64QAM	20.99	20.84	20.47	21.00
		HIGH	64QAM	20.92	20.79	20.46	21.00
	50	LOW	64QAM	20.67	20.83	20.64	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.66	20.69	20.64	21.00
		MID	QPSK	20.96	20.78	20.57	21.00
		HIGH	QPSK	20.87	20.65	20.30	21.00
	36	LOW	QPSK	20.81	20.63	20.64	21.00
		MID	QPSK	20.98	20.75	20.58	21.00
		HIGH	QPSK	20.97	20.74	20.44	21.00
	75	LOW	QPSK	20.90	20.73	20.58	21.00
15	1	LOW	Q16	20.57	20.96	20.88	21.00
		MID	Q16	20.89	20.92	20.96	21.00
		HIGH	Q16	20.82	20.95	20.73	21.00
	36	LOW	Q16	20.77	20.72	20.62	21.00
		MID	Q16	20.92	20.78	20.60	21.00
		HIGH	Q16	20.93	20.81	20.42	21.00
	75	LOW	Q16	20.90	20.75	20.61	21.00
15	1	LOW	64QAM	20.54	20.96	20.95	21.00
		MID	64QAM	20.77	20.94	20.94	21.00
		HIGH	64QAM	20.72	20.96	20.70	21.00
	36	LOW	64QAM	20.80	20.69	20.70	21.00
		MID	64QAM	20.89	20.72	20.55	21.00
		HIGH	64QAM	20.90	20.69	20.28	21.00
	75	LOW	64QAM	20.82	20.71	20.74	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.61	20.67	20.52	21.00
		MID	QPSK	20.95	20.80	20.67	21.00
		HIGH	QPSK	20.87	20.64	20.24	21.00
	50	LOW	QPSK	20.88	20.55	20.74	21.00
		MID	QPSK	20.98	20.75	20.68	21.00
		HIGH	QPSK	20.91	20.75	20.48	21.00
100	LOW	QPSK	20.88	20.70	20.55	21.00	
20	1	LOW	Q16	20.94	20.95	20.96	21.00
		MID	Q16	20.95	20.96	20.95	21.00
		HIGH	Q16	20.96	20.95	20.70	21.00
	50	LOW	Q16	20.89	20.64	20.73	21.00
		MID	Q16	21.00	20.79	20.69	21.00
		HIGH	Q16	20.96	20.84	20.46	21.00
	100	LOW	Q16	20.90	20.68	20.60	21.00
20	1	LOW	64QAM	20.94	20.94	20.96	21.00
		MID	64QAM	20.93	20.30	21.00	21.00
		HIGH	64QAM	20.92	20.93	20.55	21.00
	50	LOW	64QAM	21.00	20.61	20.58	21.00
		MID	64QAM	20.93	20.90	20.61	21.00
		HIGH	64QAM	20.99	20.89	20.46	21.00
	100	LOW	64QAM	20.76	20.60	20.50	21.00

LTE B66-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.73	21.80	21.45	22.50
		MID	QPSK	22.22	21.84	21.70	22.50
		HIGH	QPSK	21.74	21.71	21.65	22.50
	3	LOW	QPSK	21.74	21.50	21.63	22.50
		MID	QPSK	21.93	21.70	21.89	22.50
		HIGH	QPSK	21.80	21.61	21.51	22.50
	6	LOW	QPSK	21.83	21.67	21.41	22.50
1.4	1	LOW	Q16	22.22	21.97	21.82	22.50
		MID	Q16	22.00	21.97	21.82	22.50
		HIGH	Q16	22.06	21.69	21.74	22.50
	3	LOW	Q16	22.19	21.89	21.77	22.50
		MID	Q16	22.27	21.91	21.83	22.50
		HIGH	Q16	22.25	22.06	21.79	22.50
	6	LOW	Q16	22.11	21.66	21.67	22.50
1.4	1	LOW	64QAM	22.22	21.93	21.58	22.50
		MID	64QAM	22.28	22.15	21.78	22.50
		HIGH	64QAM	22.09	21.79	21.77	22.50
	3	LOW	64QAM	22.20	21.94	21.68	22.50
		MID	64QAM	22.13	21.64	21.85	22.50
		HIGH	64QAM	21.93	21.85	21.49	22.50
	6	LOW	64QAM	22.00	21.77	21.50	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.92	21.56	21.47	22.50
		MID	QPSK	22.03	21.98	21.89	22.50
		HIGH	QPSK	21.77	21.63	21.49	22.50
	8	LOW	QPSK	21.95	21.64	21.39	22.50
		MID	QPSK	21.89	21.77	21.61	22.50
		HIGH	QPSK	21.89	21.86	21.63	22.50
	15	LOW	QPSK	21.84	21.73	21.41	22.50
3	1	LOW	Q16	22.06	21.92	21.71	22.50
		MID	Q16	22.11	22.05	21.96	22.50
		HIGH	Q16	22.08	21.76	21.83	22.50
	8	LOW	Q16	22.10	21.73	21.79	22.50
		MID	Q16	22.16	21.97	21.87	22.50
		HIGH	Q16	22.16	21.93	21.62	22.50
	15	LOW	Q16	21.89	21.76	21.62	22.50
3	1	LOW	64QAM	21.94	21.87	21.77	22.50
		MID	64QAM	22.24	22.01	21.95	22.50
		HIGH	64QAM	22.17	21.74	21.79	22.50
	8	LOW	64QAM	22.17	22.02	21.84	22.50
		MID	64QAM	22.35	21.74	21.78	22.50
		HIGH	64QAM	21.88	21.90	21.47	22.50
	15	LOW	64QAM	21.91	21.86	21.63	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.95	21.65	21.62	22.50
		MID	QPSK	22.22	21.85	21.78	22.50
		HIGH	QPSK	21.75	21.71	21.76	22.50
	12	LOW	QPSK	21.79	21.48	21.66	22.50
		MID	QPSK	22.04	21.77	21.84	22.50
		HIGH	QPSK	21.81	21.88	21.61	22.50
	25	LOW	QPSK	21.90	21.69	21.41	22.50
5	1	LOW	Q16	22.07	22.06	21.77	22.50
		MID	Q16	22.15	22.18	21.75	22.50
		HIGH	Q16	22.07	21.81	21.83	22.50
	12	LOW	Q16	22.18	21.69	21.80	22.50
		MID	Q16	22.36	21.97	21.98	22.50
		HIGH	Q16	22.10	21.82	21.60	22.50
	25	LOW	Q16	21.87	21.85	21.65	22.50
5	1	LOW	64QAM	22.06	22.05	21.60	22.50
		MID	64QAM	22.25	22.19	21.94	22.50
		HIGH	64QAM	22.06	21.84	21.81	22.50
	12	LOW	64QAM	22.26	21.92	21.64	22.50
		MID	64QAM	22.21	21.74	21.95	22.50
		HIGH	64QAM	21.89	21.79	21.52	22.50
	25	LOW	64QAM	21.87	21.79	21.71	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.91	21.79	21.63	22.50
		MID	QPSK	22.02	21.98	21.83	22.50
		HIGH	QPSK	21.94	21.73	21.68	22.50
	25	LOW	QPSK	21.84	21.45	21.69	22.50
		MID	QPSK	22.12	21.72	21.75	22.50
		HIGH	QPSK	21.97	21.80	21.75	22.50
10	50	LOW	QPSK	21.76	21.71	21.44	22.50
	1	LOW	Q16	22.08	22.08	21.93	22.50
		MID	Q16	22.18	22.19	21.86	22.50
		HIGH	Q16	22.08	21.79	21.80	22.50
	25	LOW	Q16	22.29	21.72	21.79	22.50
		MID	Q16	22.36	21.88	21.89	22.50
		HIGH	Q16	22.19	22.01	21.68	22.50
	50	LOW	Q16	21.96	21.83	21.58	22.50
10	1	LOW	64QAM	22.13	21.79	21.79	22.50
		MID	64QAM	22.26	22.18	21.81	22.50
		HIGH	64QAM	21.90	21.81	21.67	22.50
	25	LOW	64QAM	22.02	21.92	21.71	22.50
		MID	64QAM	22.41	21.74	21.91	22.50
		HIGH	64QAM	22.10	21.75	21.42	22.50
	50	LOW	64QAM	21.93	21.95	21.65	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.91	21.75	21.48	22.50
		MID	QPSK	22.16	21.81	21.87	22.50
		HIGH	QPSK	21.82	21.77	21.64	22.50
	36	LOW	QPSK	21.77	21.66	21.44	22.50
		MID	QPSK	21.97	21.83	21.61	22.50
		HIGH	QPSK	21.81	21.66	21.52	22.50
	75	LOW	QPSK	22.01	21.62	21.46	22.50
15	1	LOW	Q16	22.01	22.00	21.95	22.50
		MID	Q16	22.05	22.10	21.95	22.50
		HIGH	Q16	22.10	21.74	21.88	22.50
	36	LOW	Q16	22.16	21.71	21.78	22.50
		MID	Q16	22.43	21.83	21.80	22.50
		HIGH	Q16	22.25	22.06	21.72	22.50
	75	LOW	Q16	22.05	21.67	21.66	22.50
15	1	LOW	64QAM	21.92	22.08	21.77	22.50
		MID	64QAM	22.23	22.06	21.70	22.50
		HIGH	64QAM	22.12	21.67	21.73	22.50
	36	LOW	64QAM	22.23	21.98	21.88	22.50
		MID	64QAM	22.18	21.90	22.01	22.50
		HIGH	64QAM	22.03	21.78	21.33	22.50
	75	LOW	64QAM	22.06	21.86	21.42	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.80	21.68	21.52	22.50
		MID	QPSK	22.07	21.83	21.84	22.50
		HIGH	QPSK	21.87	21.62	21.63	22.50
	50	LOW	QPSK	21.89	21.59	21.54	22.50
		MID	QPSK	22.03	21.70	21.75	22.50
		HIGH	QPSK	21.92	21.73	21.63	22.50
	100	LOW	QPSK	21.88	21.61	21.49	22.50
20	1	LOW	Q16	22.11	22.02	21.85	22.50
		MID	Q16	22.13	22.11	21.85	22.50
		HIGH	Q16	22.17	21.67	21.81	22.50
	50	LOW	Q16	22.24	21.74	21.84	22.50
		MID	Q16	22.30	21.83	21.86	22.50
		HIGH	Q16	22.27	21.92	21.70	22.50
	100	LOW	Q16	21.96	21.78	21.70	22.50
20	1	LOW	64QAM	22.07	21.94	21.72	22.50
		MID	64QAM	22.36	22.16	21.84	22.50
		HIGH	64QAM	22.03	21.78	21.77	22.50
	50	LOW	64QAM	22.17	21.90	21.75	22.50
		MID	64QAM	22.27	21.77	21.92	22.50
		HIGH	64QAM	21.98	21.81	21.44	22.50
	100	LOW	64QAM	22.01	21.85	21.56	22.50

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	24.16	24.24	24.25	25.50
		MID	QPSK	24.16	24.39	24.33	25.50
		HIGH	QPSK	24.27	24.35	24.19	25.50
	3	LOW	QPSK	24.31	24.33	24.30	25.50
		MID	QPSK	24.27	24.29	24.41	25.50
		HIGH	QPSK	24.21	24.33	24.35	25.50
	6	LOW	QPSK	23.39	23.50	23.47	24.50
	1.4	LOW	Q16	23.16	23.60	23.33	24.50
		MID	Q16	23.22	23.70	23.27	24.50
		HIGH	Q16	23.16	23.55	23.28	24.50
		LOW	Q16	23.23	23.53	23.52	24.50
		MID	Q16	23.26	23.55	23.47	24.50
		HIGH	Q16	23.25	23.56	23.56	24.50
1.4	6	LOW	Q16	22.42	22.30	22.64	23.50
	1	LOW	64QAM	22.11	22.55	22.28	23.50
		MID	64QAM	22.38	22.58	22.32	23.50
		HIGH	64QAM	22.22	22.67	22.13	23.50
	3	LOW	64QAM	22.18	22.58	22.51	23.50
		MID	64QAM	22.24	22.60	22.70	23.50
		HIGH	64QAM	22.06	22.41	22.53	23.50
	6	LOW	64QAM	21.47	21.40	21.81	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.08	24.15	24.12	25.50
		MID	QPSK	24.23	24.23	24.22	25.50
		HIGH	QPSK	24.11	24.09	24.09	25.50
	8	LOW	QPSK	23.32	23.36	23.33	24.50
		MID	QPSK	23.32	23.43	23.40	24.50
		HIGH	QPSK	23.31	23.45	23.35	24.50
3	15	LOW	QPSK	23.21	23.32	23.28	24.50
	1	LOW	Q16	22.95	23.45	23.15	24.50
		MID	Q16	23.02	23.61	23.21	24.50
		HIGH	Q16	22.83	23.51	23.17	24.50
	8	LOW	Q16	22.42	22.46	22.37	23.50
		MID	Q16	22.49	22.47	22.41	23.50
		HIGH	Q16	22.34	22.49	22.36	23.50
	15	LOW	Q16	22.25	22.30	22.21	23.50
3	1	LOW	64QAM	22.01	22.66	22.05	23.50
		MID	64QAM	21.93	22.58	22.22	23.50
		HIGH	64QAM	21.90	22.47	22.21	23.50
	8	LOW	64QAM	21.24	21.52	21.42	22.50
		MID	64QAM	21.32	21.71	21.46	22.50
		HIGH	64QAM	21.47	21.38	21.47	22.50
	15	LOW	64QAM	21.13	21.18	21.48	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.22	24.46	24.33	25.50
		MID	QPSK	24.41	24.57	24.48	25.50
		HIGH	QPSK	24.22	24.45	24.37	25.50
	12	LOW	QPSK	23.31	23.34	23.32	24.50
		MID	QPSK	23.46	23.47	23.35	24.50
		HIGH	QPSK	23.26	23.41	23.50	24.50
	25	LOW	QPSK	23.26	23.39	23.47	24.50
5	1	LOW	Q16	23.38	23.93	23.36	24.50
		MID	Q16	23.49	24.02	23.60	24.50
		HIGH	Q16	23.37	23.81	23.45	24.50
	12	LOW	Q16	22.41	22.56	22.42	23.50
		MID	Q16	22.50	22.62	22.53	23.50
		HIGH	Q16	22.41	22.65	22.43	23.50
	25	LOW	Q16	22.28	22.46	22.39	23.50
5	1	LOW	64QAM	22.53	22.92	22.35	23.50
		MID	64QAM	22.55	22.81	22.57	23.50
		HIGH	64QAM	22.24	22.77	22.54	23.50
	12	LOW	64QAM	21.30	21.45	21.50	22.50
		MID	64QAM	21.38	21.59	21.54	22.50
		HIGH	64QAM	21.53	21.61	21.43	22.50
	25	LOW	64QAM	21.43	21.42	21.45	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.35	24.40	24.44	25.50
		MID	QPSK	24.43	24.45	24.50	25.50
		HIGH	QPSK	24.47	24.55	24.48	25.50
	25	LOW	QPSK	23.49	23.40	23.35	24.50
		MID	QPSK	23.43	23.41	23.43	24.50
		HIGH	QPSK	23.31	23.45	23.56	24.50
10	50	LOW	QPSK	23.38	23.36	23.49	24.50
	1	LOW	Q16	23.42	23.80	23.43	24.50
		MID	Q16	23.29	23.86	23.57	24.50
		HIGH	Q16	23.33	23.80	23.47	24.50
	25	LOW	Q16	22.38	22.37	22.49	23.50
		MID	Q16	22.43	22.40	22.56	23.50
		HIGH	Q16	22.30	22.50	22.62	23.50
	50	LOW	Q16	22.44	22.51	22.50	23.50
10	1	LOW	64QAM	22.28	22.59	22.36	23.50
		MID	64QAM	22.25	22.63	22.53	23.50
		HIGH	64QAM	22.12	22.76	22.45	23.50
	25	LOW	64QAM	21.19	21.26	21.51	22.50
		MID	64QAM	21.52	21.50	21.39	22.50
		HIGH	64QAM	21.31	21.59	21.46	22.50
	50	LOW	64QAM	21.49	21.33	21.57	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.37	24.37	24.42	25.50
		MID	QPSK	24.48	24.57	24.55	25.50
		HIGH	QPSK	24.52	24.49	24.44	25.50
	36	LOW	QPSK	23.40	23.35	23.48	24.50
		MID	QPSK	23.48	23.51	23.57	24.50
		HIGH	QPSK	23.50	23.59	23.66	24.50
	75	LOW	QPSK	23.46	23.41	23.54	24.50
15	1	LOW	Q16	23.14	23.78	23.76	24.50
		MID	Q16	23.42	23.83	23.79	24.50
		HIGH	Q16	23.34	23.71	23.75	24.50
	36	LOW	Q16	22.42	22.38	22.39	23.50
		MID	Q16	22.36	22.52	22.41	23.50
		HIGH	Q16	22.46	22.53	22.53	23.50
	75	LOW	Q16	22.39	22.50	22.54	23.50
15	1	LOW	64QAM	22.38	22.76	22.53	23.50
		MID	64QAM	22.41	22.69	22.76	23.50
		HIGH	64QAM	22.30	22.79	22.64	23.50
	36	LOW	64QAM	21.35	21.39	21.45	22.50
		MID	64QAM	21.59	21.56	21.44	22.50
		HIGH	64QAM	21.38	21.66	21.45	22.50
	75	LOW	64QAM	21.35	21.48	21.41	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.23	24.41	24.25	25.50
		MID	QPSK	24.49	24.51	24.53	25.50
		HIGH	QPSK	24.41	24.48	24.40	25.50
	50	LOW	QPSK	23.45	23.16	23.44	24.50
		MID	QPSK	23.42	23.51	23.47	24.50
		HIGH	QPSK	23.51	23.46	23.54	24.50
	100	LOW	QPSK	23.45	23.32	23.54	24.50
20	1	LOW	Q16	23.59	23.69	23.55	24.50
		MID	Q16	23.97	23.87	23.82	24.50
		HIGH	Q16	23.79	23.72	23.74	24.50
	50	LOW	Q16	22.52	22.20	22.57	23.50
		MID	Q16	22.44	22.49	22.48	23.50
		HIGH	Q16	22.53	22.44	22.57	23.50
	100	LOW	Q16	22.56	22.36	22.49	23.50
20	1	LOW	64QAM	22.47	22.86	22.70	23.50
		MID	64QAM	22.84	22.96	22.86	23.50
		HIGH	64QAM	23.00	22.47	22.53	23.50
	50	LOW	64QAM	21.42	21.21	21.61	22.50
		MID	64QAM	21.60	21.66	21.62	22.50
		HIGH	64QAM	21.40	21.35	21.38	22.50
	100	LOW	64QAM	21.45	21.51	21.60	22.50

LTE B66-DSI_1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.16	24.24	24.25	25.50
		MID	QPSK	24.16	24.39	24.33	25.50
		HIGH	QPSK	24.27	24.35	24.19	25.50
	3	LOW	QPSK	24.31	24.33	24.30	25.50
		MID	QPSK	24.27	24.29	24.41	25.50
		HIGH	QPSK	24.21	24.33	24.35	25.50
	6	LOW	QPSK	23.39	23.50	23.47	24.50
	1.4	LOW	Q16	23.16	23.60	23.33	24.50
		MID	Q16	23.22	23.70	23.27	24.50
		HIGH	Q16	23.16	23.55	23.28	24.50
		LOW	Q16	23.23	23.53	23.52	24.50
		MID	Q16	23.26	23.55	23.47	24.50
		HIGH	Q16	23.25	23.56	23.56	24.50
1.4	6	LOW	Q16	22.42	22.30	22.64	23.50
	1	LOW	64QAM	22.11	22.55	22.28	23.50
		MID	64QAM	22.38	22.58	22.32	23.50
		HIGH	64QAM	22.22	22.67	22.13	23.50
	3	LOW	64QAM	22.18	22.58	22.51	23.50
		MID	64QAM	22.24	22.60	22.70	23.50
		HIGH	64QAM	22.06	22.41	22.53	23.50
	6	LOW	64QAM	21.47	21.40	21.81	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.08	24.15	24.12	25.50
		MID	QPSK	24.23	24.23	24.22	25.50
		HIGH	QPSK	24.11	24.09	24.09	25.50
	8	LOW	QPSK	23.32	23.36	23.33	24.50
		MID	QPSK	23.32	23.43	23.40	24.50
		HIGH	QPSK	23.31	23.45	23.35	24.50
3	15	LOW	QPSK	23.21	23.32	23.28	24.50
	1	LOW	Q16	22.95	23.45	23.15	24.50
		MID	Q16	23.02	23.61	23.21	24.50
		HIGH	Q16	22.83	23.51	23.17	24.50
	8	LOW	Q16	22.42	22.46	22.37	23.50
		MID	Q16	22.49	22.47	22.41	23.50
		HIGH	Q16	22.34	22.49	22.36	23.50
	15	LOW	Q16	22.25	22.30	22.21	23.50
3	1	LOW	64QAM	22.01	22.66	22.05	23.50
		MID	64QAM	21.93	22.58	22.22	23.50
		HIGH	64QAM	21.90	22.47	22.21	23.50
	8	LOW	64QAM	21.24	21.52	21.42	23.50
		MID	64QAM	21.32	21.71	21.46	23.50
		HIGH	64QAM	21.47	21.38	21.47	23.50
	15	LOW	64QAM	21.13	21.18	21.48	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.22	24.46	24.33	25.50
		MID	QPSK	24.41	24.57	24.48	25.50
		HIGH	QPSK	24.22	24.45	24.37	25.50
	12	LOW	QPSK	23.31	23.34	23.32	25.50
		MID	QPSK	23.46	23.47	23.35	25.50
		HIGH	QPSK	23.26	23.41	23.50	25.50
	25	LOW	QPSK	23.26	23.39	23.47	25.50
5	1	LOW	Q16	23.38	23.93	23.36	25.50
		MID	Q16	23.49	24.02	23.60	25.50
		HIGH	Q16	23.37	23.81	23.45	25.50
	12	LOW	Q16	22.41	22.56	22.42	25.50
		MID	Q16	22.50	22.62	22.53	25.50
		HIGH	Q16	22.41	22.65	22.43	25.50
	25	LOW	Q16	22.28	22.46	22.39	25.50
5	1	LOW	64QAM	22.53	22.92	22.35	25.50
		MID	64QAM	22.55	22.81	22.57	25.50
		HIGH	64QAM	22.24	22.77	22.54	25.50
	12	LOW	64QAM	21.30	21.45	21.50	25.50
		MID	64QAM	21.38	21.59	21.54	25.50
		HIGH	64QAM	21.53	21.61	21.43	25.50
	25	LOW	64QAM	21.43	21.42	21.45	25.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.35	24.40	24.44	25.50
		MID	QPSK	24.43	24.45	24.50	25.50
		HIGH	QPSK	24.47	24.55	24.48	25.50
	25	LOW	QPSK	23.49	23.40	23.35	25.50
		MID	QPSK	23.43	23.41	23.43	25.50
		HIGH	QPSK	23.31	23.45	23.56	25.50
10	50	LOW	QPSK	23.38	23.36	23.49	25.50
	1	LOW	Q16	23.42	23.80	23.43	25.50
		MID	Q16	23.29	23.86	23.57	25.50
		HIGH	Q16	23.33	23.80	23.47	25.50
	25	LOW	Q16	22.38	22.37	22.49	25.50
		MID	Q16	22.43	22.40	22.56	25.50
		HIGH	Q16	22.30	22.50	22.62	25.50
	50	LOW	Q16	22.44	22.51	22.50	25.50
10	1	LOW	64QAM	22.28	22.59	22.36	25.50
		MID	64QAM	22.25	22.63	22.53	25.50
		HIGH	64QAM	22.12	22.76	22.45	25.50
	25	LOW	64QAM	21.19	21.26	21.51	25.50
		MID	64QAM	21.52	21.50	21.39	25.50
		HIGH	64QAM	21.31	21.59	21.46	25.50
	50	LOW	64QAM	21.49	21.33	21.57	25.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.37	24.37	24.42	25.50
		MID	QPSK	24.48	24.57	24.55	25.50
		HIGH	QPSK	24.52	24.49	24.44	25.50
	36	LOW	QPSK	23.40	23.35	23.48	25.50
		MID	QPSK	23.48	23.51	23.57	25.50
		HIGH	QPSK	23.50	23.59	23.66	25.50
	75	LOW	QPSK	23.46	23.41	23.54	25.50
15	1	LOW	Q16	23.14	23.78	23.76	25.50
		MID	Q16	23.42	23.83	23.79	25.50
		HIGH	Q16	23.34	23.71	23.75	25.50
	36	LOW	Q16	22.42	22.38	22.39	25.50
		MID	Q16	22.36	22.52	22.41	25.50
		HIGH	Q16	22.46	22.53	22.53	25.50
	75	LOW	Q16	22.39	22.50	22.54	25.50
15	1	LOW	64QAM	22.38	22.76	22.53	25.50
		MID	64QAM	22.41	22.69	22.76	25.50
		HIGH	64QAM	22.30	22.79	22.64	25.50
	36	LOW	64QAM	21.35	21.39	21.45	25.50
		MID	64QAM	21.59	21.56	21.44	25.50
		HIGH	64QAM	21.38	21.66	21.45	25.50
	75	LOW	64QAM	21.35	21.48	21.41	25.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.23	24.41	24.25	25.50
		MID	QPSK	24.49	24.51	24.53	25.50
		HIGH	QPSK	24.41	24.48	24.40	25.50
	50	LOW	QPSK	23.45	23.16	23.44	25.50
		MID	QPSK	23.42	23.51	23.47	25.50
		HIGH	QPSK	23.51	23.46	23.54	25.50
	100	LOW	QPSK	23.45	23.32	23.54	25.50
20	1	LOW	Q16	23.59	23.69	23.55	25.50
		MID	Q16	23.97	23.87	23.82	25.50
		HIGH	Q16	23.79	23.72	23.74	25.50
	50	LOW	Q16	22.52	22.20	22.57	25.50
		MID	Q16	22.44	22.49	22.48	25.50
		HIGH	Q16	22.53	22.44	22.57	25.50
	100	LOW	Q16	22.56	22.36	22.49	25.50
20	1	LOW	64QAM	22.47	22.86	22.70	25.50
		MID	64QAM	22.84	22.96	22.86	25.50
		HIGH	64QAM	23.00	22.47	22.53	25.50
	50	LOW	64QAM	21.42	21.21	21.61	25.50
		MID	64QAM	21.60	21.66	21.62	25.50
		HIGH	64QAM	21.40	21.35	21.38	25.50
	100	LOW	64QAM	21.45	21.51	21.60	25.50

LTE B66-DSI_4-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.01	20.09	20.00	21.00
		MID	QPSK	20.12	20.20	20.16	21.00
		HIGH	QPSK	20.08	20.11	20.09	21.00
	3	LOW	QPSK	20.16	20.28	20.24	21.00
		MID	QPSK	20.15	20.30	20.27	21.00
		HIGH	QPSK	20.23	20.30	20.24	21.00
	6	LOW	QPSK	20.26	20.33	20.25	21.00
	1.4	LOW	Q16	20.17	20.18	20.16	21.00
		MID	Q16	20.24	20.16	20.16	21.00
		HIGH	Q16	20.25	20.35	20.22	21.00
		LOW	Q16	20.31	20.28	20.43	21.00
		MID	Q16	20.23	20.21	20.45	21.00
		HIGH	Q16	20.32	20.45	20.45	21.00
1.4	1	LOW	Q16	20.34	20.27	20.46	21.00
		LOW	64QAM	20.32	20.38	20.18	21.00
		MID	64QAM	20.30	20.27	20.09	21.00
		HIGH	64QAM	20.23	20.45	20.09	21.00
	3	LOW	64QAM	20.34	20.43	20.39	21.00
		MID	64QAM	20.31	20.41	20.50	21.00
		HIGH	64QAM	20.39	20.39	20.35	21.00
	6	LOW	64QAM	20.49	20.27	20.38	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.87	20.11	19.90	21.00
		MID	QPSK	20.27	20.29	20.29	21.00
		HIGH	QPSK	20.16	20.17	20.21	21.00
	8	LOW	QPSK	20.06	20.33	20.16	21.00
		MID	QPSK	20.07	20.33	20.41	21.00
		HIGH	QPSK	20.15	20.36	20.14	21.00
3	15	LOW	QPSK	20.21	20.44	20.36	21.00
	1	LOW	Q16	20.22	20.10	20.23	21.00
		MID	Q16	20.33	20.07	20.18	21.00
		HIGH	Q16	20.14	20.24	20.25	21.00
	8	LOW	Q16	20.16	20.31	20.53	21.00
		MID	Q16	20.19	20.25	20.33	21.00
		HIGH	Q16	20.36	20.56	20.44	21.00
	15	LOW	Q16	20.30	20.40	20.44	21.00
3	1	LOW	64QAM	20.32	20.39	20.13	21.00
		MID	64QAM	20.38	20.28	19.97	21.00
		HIGH	64QAM	20.09	20.30	19.95	21.00
	8	LOW	64QAM	20.26	20.37	20.49	21.00
		MID	64QAM	20.30	20.52	20.39	21.00
		HIGH	64QAM	20.39	20.44	20.43	21.00
	15	LOW	64QAM	20.56	20.33	20.32	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.13	20.16	20.00	21.00
		MID	QPSK	20.18	20.11	20.22	21.00
		HIGH	QPSK	20.04	19.96	19.98	21.00
	12	LOW	QPSK	20.17	20.15	20.11	21.00
		MID	QPSK	20.07	20.24	20.38	21.00
		HIGH	QPSK	20.08	20.33	20.14	21.00
	25	LOW	QPSK	20.30	20.20	20.40	21.00
5	1	LOW	Q16	20.28	20.22	20.04	21.00
		MID	Q16	20.09	20.14	20.23	21.00
		HIGH	Q16	20.20	20.27	20.19	21.00
	12	LOW	Q16	20.40	20.13	20.37	21.00
		MID	Q16	20.38	20.11	20.50	21.00
		HIGH	Q16	20.37	20.56	20.33	21.00
	25	LOW	Q16	20.45	20.16	20.43	21.00
5	1	LOW	64QAM	20.22	20.24	20.21	21.00
		MID	64QAM	20.32	20.28	20.08	21.00
		HIGH	64QAM	20.29	20.31	20.03	21.00
	12	LOW	64QAM	20.31	20.42	20.34	21.00
		MID	64QAM	20.19	20.55	20.44	21.00
		HIGH	64QAM	20.32	20.44	20.43	21.00
	25	LOW	64QAM	20.35	20.42	20.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.91	20.13	19.94	21.00
		MID	QPSK	20.01	20.33	20.30	21.00
		HIGH	QPSK	19.93	19.96	20.16	21.00
	25	LOW	QPSK	20.19	20.26	20.16	21.00
		MID	QPSK	20.20	20.24	20.12	21.00
		HIGH	QPSK	20.28	20.21	20.12	21.00
50	LOW	QPSK	20.14	20.21	20.24	21.00	
10	1	LOW	Q16	20.05	20.27	20.17	21.00
		MID	Q16	20.22	20.10	20.07	21.00
		HIGH	Q16	20.17	20.32	20.25	21.00
	25	LOW	Q16	20.42	20.39	20.54	21.00
		MID	Q16	20.21	20.29	20.35	21.00
		HIGH	Q16	20.19	20.53	20.46	21.00
	50	LOW	Q16	20.30	20.25	20.61	21.00
10	1	LOW	64QAM	20.30	20.32	20.31	21.00
		MID	64QAM	20.22	20.41	20.18	21.00
		HIGH	64QAM	20.16	20.45	20.10	21.00
	25	LOW	64QAM	20.41	20.30	20.36	21.00
		MID	64QAM	20.26	20.33	20.45	21.00
		HIGH	64QAM	20.31	20.51	20.46	21.00
	50	LOW	64QAM	20.42	20.28	20.49	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.07	20.17	20.03	21.00
		MID	QPSK	20.15	20.11	20.23	21.00
		HIGH	QPSK	19.96	20.13	20.12	21.00
	36	LOW	QPSK	20.12	20.41	20.25	21.00
		MID	QPSK	20.02	20.29	20.22	21.00
		HIGH	QPSK	20.22	20.16	20.12	21.00
	75	LOW	QPSK	20.22	20.30	20.15	21.00
15	1	LOW	Q16	20.03	20.10	20.14	21.00
		MID	Q16	20.14	20.07	20.05	21.00
		HIGH	Q16	20.15	20.28	20.18	21.00
	36	LOW	Q16	20.17	20.30	20.32	21.00
		MID	Q16	20.11	20.13	20.52	21.00
		HIGH	Q16	20.19	20.60	20.34	21.00
	75	LOW	Q16	20.42	20.21	20.58	21.00
15	1	LOW	64QAM	20.28	20.25	20.03	21.00
		MID	64QAM	20.39	20.17	20.18	21.00
		HIGH	64QAM	20.19	20.35	20.12	21.00
	36	LOW	64QAM	20.47	20.51	20.35	21.00
		MID	64QAM	20.16	20.43	20.43	21.00
		HIGH	64QAM	20.31	20.41	20.25	21.00
	75	LOW	64QAM	20.42	20.40	20.48	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.03	19.96	20.08	21.00
		MID	QPSK	20.15	20.13	20.07	21.00
		HIGH	QPSK	20.05	19.99	20.03	21.00
	50	LOW	QPSK	20.15	20.16	20.35	21.00
		MID	QPSK	20.30	20.18	20.32	21.00
	100	HIGH	QPSK	20.33	20.25	20.12	21.00
20	1	LOW	Q16	20.13	20.10	20.29	21.00
		MID	Q16	20.29	20.14	20.13	21.00
		HIGH	Q16	20.27	20.21	20.33	21.00
	50	LOW	Q16	20.36	20.19	20.43	21.00
		MID	Q16	20.13	20.29	20.50	21.00
		HIGH	Q16	20.20	20.39	20.36	21.00
	100	LOW	Q16	20.41	20.37	20.33	21.00
20	1	LOW	64QAM	20.30	20.36	20.18	21.00
		MID	64QAM	20.33	20.40	20.07	21.00
		HIGH	64QAM	20.25	20.43	20.00	21.00
	50	LOW	64QAM	20.36	20.33	20.24	21.00
		MID	64QAM	20.22	20.46	20.37	21.00
		HIGH	64QAM	20.24	20.26	20.44	21.00
	100	LOW	64QAM	20.61	20.20	20.48	21.00

8.3.10 LTE Band38 Output Power

LTE B38-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.36	24.43	24.37	25.50
		MID	QPSK	24.46	24.57	24.47	25.50
		HIGH	QPSK	24.43	24.35	24.32	25.50
	12	LOW	QPSK	23.33	23.36	23.44	24.50
		MID	QPSK	23.47	23.36	23.39	24.50
		HIGH	QPSK	23.43	23.39	23.32	24.50
	25	LOW	QPSK	23.44	23.44	23.37	24.50
	5	LOW	Q16	23.64	23.68	23.49	24.50
		MID	Q16	23.72	23.79	23.66	24.50
		HIGH	Q16	23.60	23.70	23.45	24.50
		LOW	Q16	22.37	22.46	22.41	23.50
		MID	Q16	22.47	22.55	22.43	23.50
		HIGH	Q16	22.48	22.49	22.40	23.50
	25	LOW	Q16	22.38	22.45	22.34	23.50
5	1	LOW	64QAM	22.68	22.57	22.61	23.50
		MID	64QAM	22.80	22.73	22.70	23.50
		HIGH	64QAM	22.52	22.65	22.40	23.50
	12	LOW	64QAM	21.52	21.42	21.54	22.50
		MID	64QAM	21.59	21.60	21.24	22.50
		HIGH	64QAM	21.26	21.55	21.25	22.50
	25	LOW	64QAM	21.35	21.29	21.34	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.43	24.40	24.48	25.50
		MID	QPSK	24.51	24.52	24.55	25.50
		HIGH	QPSK	24.39	24.49	24.45	25.50
	25	LOW	QPSK	23.36	23.36	23.40	24.50
		MID	QPSK	23.49	23.45	23.43	24.50
		HIGH	QPSK	23.45	23.37	23.40	24.50
	50	LOW	QPSK	23.46	23.33	23.31	24.50
10	1	LOW	Q16	23.68	23.71	23.72	24.50
		MID	Q16	23.69	23.80	23.78	24.50
		HIGH	Q16	23.68	23.71	23.71	24.50
	25	LOW	Q16	22.39	22.37	22.47	23.50
		MID	Q16	22.50	22.42	22.39	23.50
		HIGH	Q16	22.45	22.42	22.39	23.50
	50	LOW	Q16	22.43	22.37	22.50	23.50
	10	LOW	64QAM	22.64	22.66	22.83	23.50
		MID	64QAM	22.61	22.96	22.64	23.50
		HIGH	64QAM	22.62	22.91	22.70	23.50
	25	LOW	64QAM	21.48	21.51	21.38	22.50
		MID	64QAM	21.62	21.42	21.45	22.50
		HIGH	64QAM	21.56	21.27	21.22	22.50
	50	LOW	64QAM	21.44	21.23	21.37	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.36	24.40	24.43	25.50
		MID	QPSK	24.52	24.46	24.55	25.50
		HIGH	QPSK	24.33	24.44	24.45	25.50
	36	LOW	QPSK	23.47	23.46	23.48	24.50
		MID	QPSK	23.53	23.48	23.46	24.50
		HIGH	QPSK	23.48	23.46	23.50	24.50
	75	LOW	QPSK	23.45	23.42	23.42	24.50
15	1	LOW	Q16	23.59	23.76	23.60	24.50
		MID	Q16	23.71	23.78	23.69	24.50
		HIGH	Q16	23.53	23.67	23.60	24.50
	36	LOW	Q16	22.40	22.30	22.40	23.50
		MID	Q16	22.45	22.35	22.44	23.50
		HIGH	Q16	22.45	22.38	22.43	23.50
	75	LOW	Q16	22.50	22.48	22.40	23.50
15	1	LOW	64QAM	22.44	22.91	22.68	23.50
		MID	64QAM	22.56	22.93	22.90	23.50
		HIGH	64QAM	22.58	22.69	22.61	23.50
	36	LOW	64QAM	21.28	21.47	21.45	22.50
		MID	64QAM	21.56	21.41	21.37	22.50
		HIGH	64QAM	21.36	21.24	21.39	22.50
	75	LOW	64QAM	21.55	21.54	21.38	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.29	24.28	24.33	25.50
		MID	QPSK	24.57	24.53	24.61	25.50
		HIGH	QPSK	24.39	24.27	24.42	25.50
	50	LOW	QPSK	23.33	23.37	23.36	24.50
		MID	QPSK	23.42	23.40	23.38	24.50
		HIGH	QPSK	23.34	23.37	23.22	24.50
	100	LOW	QPSK	23.36	23.39	23.29	24.50
20	1	LOW	Q16	23.56	23.40	23.56	24.50
		MID	Q16	23.77	23.59	23.79	24.50
		HIGH	Q16	23.60	23.38	23.66	24.50
	50	LOW	Q16	22.32	22.40	22.45	23.50
		MID	Q16	22.53	22.48	22.41	23.50
		HIGH	Q16	22.40	22.38	22.34	23.50
	100	LOW	Q16	22.37	22.37	22.37	23.50
20	1	LOW	64QAM	22.66	22.40	22.48	23.50
		MID	64QAM	22.59	22.65	22.86	23.50
		HIGH	64QAM	22.64	22.44	22.53	23.50
	50	LOW	64QAM	21.25	21.34	21.27	22.50
		MID	64QAM	21.57	21.57	21.54	22.50
		HIGH	64QAM	21.47	21.18	21.23	22.50
	100	LOW	64QAM	21.46	21.49	21.44	22.50

LTE B38-DSI_1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.08	22.90	22.91	24.00
		MID	QPSK	23.17	23.02	23.04	24.00
		HIGH	QPSK	23.04	22.91	22.93	24.00
	12	LOW	QPSK	23.05	22.93	22.97	24.00
		MID	QPSK	23.13	22.97	23.00	24.00
		HIGH	QPSK	23.05	22.93	22.95	24.00
	25	LOW	QPSK	23.12	22.96	23.00	24.00
	5	LOW	Q16	23.40	23.09	23.16	24.00
		MID	Q16	23.53	23.25	23.30	24.00
		HIGH	Q16	23.37	23.10	23.18	24.00
5	1	LOW	Q16	22.67	22.48	22.44	23.50
		MID	Q16	22.74	22.52	22.49	23.50
		HIGH	Q16	22.67	22.48	22.45	23.50
	12	LOW	Q16	22.60	22.46	22.50	23.50
		MID	Q16	22.67	22.48	22.45	23.50
		HIGH	Q16	22.67	22.48	22.45	23.50
	25	LOW	Q16	22.60	22.46	22.50	23.50
5	1	LOW	64QAM	22.47	21.96	22.19	23.50
		MID	64QAM	22.53	22.21	22.25	23.50
		HIGH	64QAM	22.49	21.97	22.08	23.50
	12	LOW	64QAM	21.82	21.50	21.37	22.50
		MID	64QAM	21.84	21.38	21.56	22.50
		HIGH	64QAM	21.58	21.52	21.33	22.50
	25	LOW	64QAM	21.60	21.51	21.40	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.02	24.00
		MID	QPSK	23.16	23.05	23.09	24.00
		HIGH	QPSK	23.03	23.02	23.07	24.00
	25	LOW	QPSK	23.13	23.00	22.99	24.00
		MID	QPSK	23.11	23.00	23.02	24.00
		HIGH	QPSK	23.10	23.00	22.99	24.00
10	50	LOW	QPSK	23.09	22.97	22.97	24.00
10	1	LOW	Q16	23.33	23.38	23.35	24.00
		MID	Q16	23.37	23.43	23.40	24.00
		HIGH	Q16	23.23	23.34	23.36	24.00
	25	LOW	Q16	22.58	22.45	22.50	23.50
		MID	Q16	22.62	22.49	22.51	23.50
		HIGH	Q16	22.56	22.45	22.50	23.50
	50	LOW	Q16	22.61	22.52	22.52	23.50
10	1	LOW	64QAM	22.37	22.36	22.20	23.50
		MID	64QAM	22.51	22.41	22.51	23.50
		HIGH	64QAM	22.33	22.35	22.24	23.50
	25	LOW	64QAM	21.72	21.58	21.57	22.50
		MID	64QAM	21.77	21.51	21.56	22.50
		HIGH	64QAM	21.48	21.60	21.49	22.50
	50	LOW	64QAM	21.72	21.53	21.64	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.07	22.96	23.00	24.00
		MID	QPSK	23.11	23.09	23.10	24.00
		HIGH	QPSK	22.95	22.93	23.00	24.00
	36	LOW	QPSK	23.11	23.02	23.05	24.00
		MID	QPSK	23.16	23.08	23.08	24.00
		HIGH	QPSK	23.07	23.00	23.01	24.00
	75	LOW	QPSK	23.09	23.01	23.03	24.00
15	1	LOW	Q16	23.31	23.34	23.22	24.00
		MID	Q16	23.34	23.44	23.30	24.00
		HIGH	Q16	23.18	23.30	23.23	24.00
	36	LOW	Q16	22.58	22.43	22.54	23.50
		MID	Q16	22.59	22.48	22.53	23.50
		HIGH	Q16	22.50	22.48	22.48	23.50
	75	LOW	Q16	22.59	22.51	22.51	23.50
15	1	LOW	64QAM	22.16	22.35	22.10	23.50
		MID	64QAM	22.28	22.36	22.15	23.50
		HIGH	64QAM	22.14	22.36	22.37	23.50
	36	LOW	64QAM	21.66	21.57	21.55	22.50
		MID	64QAM	21.62	21.37	21.64	22.50
		HIGH	64QAM	21.38	21.58	21.63	22.50
	75	LOW	64QAM	21.64	21.56	21.38	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.01	22.82	22.93	24.00
		MID	QPSK	23.10	23.14	23.13	24.00
		HIGH	QPSK	22.84	22.85	22.95	24.00
	50	LOW	QPSK	23.01	22.92	22.93	24.00
		MID	QPSK	23.02	23.02	23.00	24.00
		HIGH	QPSK	22.99	22.93	22.88	24.00
	100	LOW	QPSK	22.96	22.92	22.89	24.00
20	1	LOW	Q16	23.29	22.99	23.22	24.00
		MID	Q16	23.35	23.19	23.43	24.00
		HIGH	Q16	23.15	23.02	23.29	24.00
	50	LOW	Q16	22.54	22.45	22.52	23.50
		MID	Q16	22.61	22.57	22.58	23.50
		HIGH	Q16	22.50	22.46	22.46	23.50
	100	LOW	Q16	22.50	22.45	22.41	23.50
20	1	LOW	64QAM	22.18	22.07	22.29	23.50
		MID	64QAM	22.48	22.31	22.34	23.50
		HIGH	64QAM	22.26	22.02	22.40	23.50
	50	LOW	64QAM	21.57	21.50	21.46	22.50
		MID	64QAM	21.65	21.51	21.47	22.50
		HIGH	64QAM	21.55	21.36	21.47	22.50
	100	LOW	64QAM	21.39	21.60	21.46	22.50

LTE B38-DSI_4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.08	22.90	22.91	24.00
		MID	QPSK	23.17	23.02	23.04	24.00
		HIGH	QPSK	23.04	22.91	22.93	24.00
	12	LOW	QPSK	23.05	22.93	22.97	24.00
		MID	QPSK	23.13	22.97	23.00	24.00
		HIGH	QPSK	23.05	22.93	22.95	24.00
	25	LOW	QPSK	23.12	22.96	23.00	24.00
	5	LOW	Q16	23.40	23.09	23.16	24.00
		MID	Q16	23.53	23.25	23.30	24.00
		HIGH	Q16	23.37	23.10	23.18	24.00
	12	LOW	Q16	22.67	22.48	22.44	23.50
		MID	Q16	22.74	22.52	22.49	23.50
		HIGH	Q16	22.67	22.48	22.45	23.50
	25	LOW	Q16	22.60	22.46	22.50	23.50
5	1	LOW	64QAM	22.47	21.96	22.19	23.50
		MID	64QAM	22.53	22.21	22.25	23.50
		HIGH	64QAM	22.49	21.97	22.08	23.50
	12	LOW	64QAM	21.82	21.50	21.37	22.50
		MID	64QAM	21.84	21.38	21.56	22.50
		HIGH	64QAM	21.58	21.52	21.33	22.50
	25	LOW	64QAM	21.60	21.51	21.40	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.02	24.00
		MID	QPSK	23.16	23.05	23.09	24.00
		HIGH	QPSK	23.03	23.02	23.07	24.00
	25	LOW	QPSK	23.13	23.00	22.99	24.00
		MID	QPSK	23.11	23.00	23.02	24.00
		HIGH	QPSK	23.10	23.00	22.99	24.00
	50	LOW	QPSK	23.09	22.97	22.97	24.00
10	1	LOW	Q16	23.33	23.38	23.35	24.00
		MID	Q16	23.37	23.43	23.40	24.00
		HIGH	Q16	23.23	23.34	23.36	24.00
	25	LOW	Q16	22.58	22.45	22.50	23.50
		MID	Q16	22.62	22.49	22.51	23.50
		HIGH	Q16	22.56	22.45	22.50	23.50
	50	LOW	Q16	22.61	22.52	22.52	23.50
10	1	LOW	64QAM	22.37	22.36	22.20	23.50
		MID	64QAM	22.51	22.41	22.51	23.50
		HIGH	64QAM	22.33	22.35	22.24	23.50
	25	LOW	64QAM	21.72	21.58	21.57	22.50
		MID	64QAM	21.77	21.51	21.56	22.50
		HIGH	64QAM	21.48	21.60	21.49	22.50
	50	LOW	64QAM	21.72	21.53	21.64	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.07	22.96	23.00	24.00
		MID	QPSK	23.11	23.09	23.10	24.00
		HIGH	QPSK	22.95	22.93	23.00	24.00
	36	LOW	QPSK	23.11	23.02	23.05	24.00
		MID	QPSK	23.16	23.08	23.08	24.00
		HIGH	QPSK	23.07	23.00	23.01	24.00
	75	LOW	QPSK	23.09	23.01	23.03	24.00
15	1	LOW	Q16	23.31	23.34	23.22	24.00
		MID	Q16	23.34	23.44	23.30	24.00
		HIGH	Q16	23.18	23.30	23.23	24.00
	36	LOW	Q16	22.58	22.43	22.54	23.50
		MID	Q16	22.59	22.48	22.53	23.50
		HIGH	Q16	22.50	22.48	22.48	23.50
	75	LOW	Q16	22.59	22.51	22.51	23.50
15	1	LOW	64QAM	22.16	22.35	22.10	23.50
		MID	64QAM	22.28	22.36	22.15	23.50
		HIGH	64QAM	22.14	22.36	22.37	23.50
	36	LOW	64QAM	21.66	21.57	21.55	22.50
		MID	64QAM	21.62	21.37	21.64	22.50
		HIGH	64QAM	21.38	21.58	21.63	22.50
	75	LOW	64QAM	21.64	21.56	21.38	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.01	22.82	22.93	24.00
		MID	QPSK	23.10	23.14	23.13	24.00
		HIGH	QPSK	22.84	22.85	22.95	24.00
	50	LOW	QPSK	23.01	22.92	22.93	24.00
		MID	QPSK	23.02	23.02	23.00	24.00
		HIGH	QPSK	22.99	22.93	22.88	24.00
	100	LOW	QPSK	22.96	22.92	22.89	24.00
20	1	LOW	Q16	23.29	22.99	23.22	24.00
		MID	Q16	23.35	23.19	23.43	24.00
		HIGH	Q16	23.15	23.02	23.29	24.00
	50	LOW	Q16	22.54	22.45	22.52	23.50
		MID	Q16	22.61	22.57	22.58	23.50
		HIGH	Q16	22.50	22.46	22.46	23.50
	100	LOW	Q16	22.50	22.45	22.41	23.50
20	1	LOW	64QAM	22.18	22.07	22.29	23.50
		MID	64QAM	22.48	22.31	22.34	23.50
		HIGH	64QAM	22.26	22.02	22.40	23.50
	50	LOW	64QAM	21.57	21.50	21.46	22.50
		MID	64QAM	21.65	21.51	21.47	22.50
		HIGH	64QAM	21.55	21.36	21.47	22.50
	100	LOW	64QAM	21.39	21.60	21.46	22.50

LTE B38-Full Power-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.63	24.58	24.62	25.50
		MID	QPSK	24.79	24.74	24.76	25.50
		HIGH	QPSK	24.72	24.56	24.65	25.50
	12	LOW	QPSK	23.67	23.59	23.54	24.50
		MID	QPSK	23.67	23.70	23.60	24.50
		HIGH	QPSK	23.69	23.61	23.57	24.50
	25	LOW	QPSK	23.70	23.65	23.59	24.50
	5	LOW	Q16	23.95	23.71	23.74	24.50
		MID	Q16	24.03	23.86	23.93	24.50
		HIGH	Q16	23.99	23.76	23.80	24.50
	12	LOW	Q16	22.74	22.67	22.54	23.50
		MID	Q16	22.81	22.67	22.67	23.50
		HIGH	Q16	22.78	22.62	22.54	23.50
	25	LOW	Q16	22.71	22.54	22.65	23.50
5	1	LOW	64QAM	23.00	22.62	22.78	23.50
		MID	64QAM	23.05	22.88	22.92	23.50
		HIGH	64QAM	22.92	22.66	22.85	23.50
	12	LOW	64QAM	21.88	21.71	21.46	22.50
		MID	64QAM	21.68	21.78	21.60	22.50
		HIGH	64QAM	21.77	21.71	21.60	22.50
	25	LOW	64QAM	21.64	21.68	21.64	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.61	24.73	24.66	25.50
		MID	QPSK	24.66	24.77	24.71	25.50
		HIGH	QPSK	24.72	24.68	24.68	25.50
	25	LOW	QPSK	23.70	23.63	23.65	24.50
		MID	QPSK	23.74	23.69	23.62	24.50
		HIGH	QPSK	23.72	23.61	23.60	24.50
	50	LOW	QPSK	23.68	23.61	23.68	24.50
	10	LOW	Q16	23.88	23.99	23.92	24.50
		MID	Q16	23.89	24.00	24.02	24.50
		HIGH	Q16	23.82	23.96	23.93	24.50
	25	LOW	Q16	22.61	22.69	22.66	23.50
		MID	Q16	22.64	22.67	22.67	23.50
		HIGH	Q16	22.72	22.58	22.60	23.50
	50	LOW	Q16	22.65	22.63	22.64	23.50
10	1	LOW	64QAM	22.92	23.01	22.83	23.50
		MID	64QAM	23.05	22.91	22.99	23.50
		HIGH	64QAM	22.98	23.17	22.90	23.50
	25	LOW	64QAM	21.53	21.58	21.53	22.50
		MID	64QAM	21.57	21.63	21.53	22.50
		HIGH	64QAM	21.66	21.72	21.65	22.50
	50	LOW	64QAM	21.81	21.64	21.62	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.56	24.65	24.70	25.50
		MID	QPSK	24.74	24.69	24.78	25.50
		HIGH	QPSK	24.62	24.59	24.67	25.50
	36	LOW	QPSK	23.75	23.69	23.73	24.50
		MID	QPSK	23.77	23.77	23.73	24.50
		HIGH	QPSK	23.77	23.70	23.65	24.50
	75	LOW	QPSK	23.78	23.76	23.70	24.50
15	1	LOW	Q16	23.85	23.94	23.78	24.50
		MID	Q16	23.96	24.03	23.91	24.50
		HIGH	Q16	23.78	23.87	23.84	24.50
	36	LOW	Q16	22.64	22.64	22.69	23.50
		MID	Q16	22.70	22.72	22.70	23.50
		HIGH	Q16	22.66	22.61	22.62	23.50
	75	LOW	Q16	22.69	22.71	22.68	23.50
15	1	LOW	64QAM	22.69	22.77	22.88	23.50
		MID	64QAM	22.99	23.12	22.81	23.50
		HIGH	64QAM	22.80	22.98	22.86	23.50
	36	LOW	64QAM	21.67	21.69	21.80	22.50
		MID	64QAM	21.76	21.84	21.74	22.50
		HIGH	64QAM	21.66	21.48	21.79	22.50
	75	LOW	64QAM	21.57	21.74	21.70	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.55	24.47	24.53	25.50
		MID	QPSK	24.75	24.76	24.83	25.50
		HIGH	QPSK	24.58	24.52	24.57	25.50
	50	LOW	QPSK	23.62	23.62	23.69	24.50
		MID	QPSK	23.70	23.70	23.64	24.50
		HIGH	QPSK	23.54	23.54	23.48	24.50
20	100	LOW	QPSK	23.62	23.54	23.54	24.50
	1	LOW	Q16	23.77	23.64	23.82	24.50
		MID	Q16	23.94	23.78	23.99	24.50
		HIGH	Q16	23.78	23.61	23.90	24.50
	50	LOW	Q16	22.62	22.67	22.70	23.50
		MID	Q16	22.73	22.68	22.72	23.50
		HIGH	Q16	22.56	22.51	22.62	23.50
	100	LOW	Q16	22.59	22.66	22.50	23.50
20	1	LOW	64QAM	22.70	22.70	22.79	23.50
		MID	64QAM	22.91	22.94	23.10	23.50
		HIGH	64QAM	22.96	22.44	22.78	23.50
	50	LOW	64QAM	21.60	21.50	21.76	22.50
		MID	64QAM	21.69	21.60	21.77	22.50
		HIGH	64QAM	21.51	21.44	21.66	22.50
	100	LOW	64QAM	21.47	21.59	21.54	22.50

LTE B38-DSI_1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.63	24.58	24.62	25.50
		MID	QPSK	24.79	24.74	24.76	25.50
		HIGH	QPSK	24.72	24.56	24.65	25.50
	12	LOW	QPSK	23.67	23.59	23.54	24.50
		MID	QPSK	23.67	23.70	23.60	24.50
		HIGH	QPSK	23.69	23.61	23.57	24.50
	25	LOW	QPSK	23.70	23.65	23.59	24.50
5	1	LOW	Q16	23.95	23.71	23.74	24.50
		MID	Q16	24.03	23.86	23.93	24.50
		HIGH	Q16	23.99	23.76	23.80	24.50
	12	LOW	Q16	22.74	22.67	22.54	23.50
		MID	Q16	22.81	22.67	22.67	23.50
		HIGH	Q16	22.78	22.62	22.54	23.50
	25	LOW	Q16	22.71	22.54	22.65	23.50
5	1	LOW	64QAM	23.00	22.62	22.78	23.50
		MID	64QAM	23.05	22.88	22.92	23.50
		HIGH	64QAM	22.92	22.66	22.85	23.50
	12	LOW	64QAM	21.88	21.71	21.46	22.50
		MID	64QAM	21.68	21.78	21.60	22.50
		HIGH	64QAM	21.77	21.71	21.60	22.50
	25	LOW	64QAM	21.64	21.68	21.64	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.61	24.73	24.66	25.50
		MID	QPSK	24.66	24.77	24.71	25.50
		HIGH	QPSK	24.72	24.68	24.68	25.50
	25	LOW	QPSK	23.70	23.63	23.65	24.50
		MID	QPSK	23.74	23.69	23.62	24.50
		HIGH	QPSK	23.72	23.61	23.60	24.50
50	LOW	QPSK	23.68	23.61	23.68	24.50	
10	1	LOW	Q16	23.88	23.99	23.92	24.50
		MID	Q16	23.89	24.00	24.02	24.50
		HIGH	Q16	23.82	23.96	23.93	24.50
	25	LOW	Q16	22.61	22.69	22.66	23.50
		MID	Q16	22.64	22.67	22.67	23.50
		HIGH	Q16	22.72	22.58	22.60	23.50
	50	LOW	Q16	22.65	22.63	22.64	23.50
10	1	LOW	64QAM	22.92	23.01	22.83	23.50
		MID	64QAM	23.05	22.91	22.99	23.50
		HIGH	64QAM	22.98	23.17	22.90	23.50
	25	LOW	64QAM	21.53	21.58	21.53	22.50
		MID	64QAM	21.57	21.63	21.53	22.50
		HIGH	64QAM	21.66	21.72	21.65	22.50
	50	LOW	64QAM	21.81	21.64	21.62	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.56	24.65	24.70	25.50
		MID	QPSK	24.74	24.69	24.78	25.50
		HIGH	QPSK	24.62	24.59	24.67	25.50
	36	LOW	QPSK	23.75	23.69	23.73	24.50
		MID	QPSK	23.77	23.77	23.73	24.50
		HIGH	QPSK	23.77	23.70	23.65	24.50
	75	LOW	QPSK	23.78	23.76	23.70	24.50
15	1	LOW	Q16	23.85	23.94	23.78	24.50
		MID	Q16	23.96	24.03	23.91	24.50
		HIGH	Q16	23.78	23.87	23.84	24.50
	36	LOW	Q16	22.64	22.64	22.69	23.50
		MID	Q16	22.70	22.72	22.70	23.50
		HIGH	Q16	22.66	22.61	22.62	23.50
	75	LOW	Q16	22.69	22.71	22.68	23.50
15	1	LOW	64QAM	22.69	22.77	22.88	23.50
		MID	64QAM	22.99	23.12	22.81	23.50
		HIGH	64QAM	22.80	22.98	22.86	23.50
	36	LOW	64QAM	21.67	21.69	21.80	22.50
		MID	64QAM	21.76	21.84	21.74	22.50
		HIGH	64QAM	21.66	21.48	21.79	22.50
	75	LOW	64QAM	21.57	21.74	21.70	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.55	24.47	24.53	25.50
		MID	QPSK	24.75	24.76	24.83	25.50
		HIGH	QPSK	24.58	24.52	24.57	25.50
	50	LOW	QPSK	23.62	23.62	23.69	24.50
		MID	QPSK	23.70	23.70	23.64	24.50
		HIGH	QPSK	23.54	23.54	23.48	24.50
20	100	LOW	QPSK	23.62	23.54	23.54	24.50
	1	LOW	Q16	23.77	23.64	23.82	24.50
		MID	Q16	23.94	23.78	23.99	24.50
		HIGH	Q16	23.78	23.61	23.90	24.50
	50	LOW	Q16	22.62	22.67	22.70	23.50
		MID	Q16	22.73	22.68	22.72	23.50
		HIGH	Q16	22.56	22.51	22.62	23.50
	100	LOW	Q16	22.59	22.66	22.50	23.50
20	1	LOW	64QAM	22.70	22.70	22.79	23.50
		MID	64QAM	22.91	22.94	23.10	23.50
		HIGH	64QAM	22.96	22.44	22.78	23.50
	50	LOW	64QAM	21.60	21.50	21.76	22.50
		MID	64QAM	21.69	21.60	21.77	22.50
		HIGH	64QAM	21.51	21.44	21.66	22.50
	100	LOW	64QAM	21.47	21.59	21.54	22.50

LTE B38-DSI_4-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.61	22.53	22.50	23.50
		MID	QPSK	22.71	22.64	22.61	23.50
		HIGH	QPSK	22.56	22.51	22.51	23.50
	12	LOW	QPSK	22.62	22.58	22.54	23.50
		MID	QPSK	22.69	22.62	22.56	23.50
		HIGH	QPSK	22.58	22.54	22.50	23.50
	25	LOW	QPSK	22.65	22.59	22.58	23.50
	5	LOW	Q16	22.97	22.75	22.79	23.50
		MID	Q16	23.08	22.86	22.93	23.50
		HIGH	Q16	22.95	22.74	22.79	23.50
		LOW	Q16	22.71	22.62	22.56	23.50
		MID	Q16	22.81	22.65	22.60	23.50
		HIGH	Q16	22.74	22.59	22.56	23.50
	25	LOW	Q16	22.64	22.55	22.56	23.50
5	1	LOW	64QAM	21.91	21.67	21.89	23.50
		MID	64QAM	22.15	22.00	21.78	23.50
		HIGH	64QAM	21.86	21.75	21.75	23.50
	12	LOW	64QAM	21.56	21.68	21.63	22.50
		MID	64QAM	21.83	21.50	21.68	22.50
		HIGH	64QAM	21.82	21.59	21.61	22.50
	25	LOW	64QAM	21.68	21.46	21.52	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.64	22.62	23.50
		MID	QPSK	22.69	22.65	22.70	23.50
		HIGH	QPSK	22.63	22.60	22.63	23.50
	25	LOW	QPSK	22.64	22.61	22.62	23.50
		MID	QPSK	22.68	22.60	22.64	23.50
		HIGH	QPSK	22.67	22.61	22.62	23.50
10	50	LOW	QPSK	22.66	22.61	22.61	23.50
	10	LOW	Q16	22.93	23.00	22.98	23.50
		MID	Q16	22.95	23.03	23.00	23.50
		HIGH	Q16	22.90	23.00	22.96	23.50
		LOW	Q16	22.65	22.59	22.62	23.50
		MID	Q16	22.66	22.60	22.66	23.50
		HIGH	Q16	22.69	22.58	22.57	23.50
	50	LOW	Q16	22.71	22.64	22.66	23.50
10	1	LOW	64QAM	22.04	21.86	22.09	23.50
		MID	64QAM	21.95	22.12	21.98	23.50
		HIGH	64QAM	21.76	21.91	22.00	23.50
	25	LOW	64QAM	21.73	21.54	21.58	22.50
		MID	64QAM	21.68	21.60	21.75	22.50
		HIGH	64QAM	21.70	21.71	21.52	22.50
	50	LOW	64QAM	21.70	21.57	21.64	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.63	22.58	22.56	23.50
		MID	QPSK	22.73	22.67	22.68	23.50
		HIGH	QPSK	22.54	22.56	22.57	23.50
	36	LOW	QPSK	22.62	22.65	22.63	23.50
		MID	QPSK	22.72	22.68	22.68	23.50
		HIGH	QPSK	22.68	22.65	22.58	23.50
	75	LOW	QPSK	22.67	22.66	22.66	23.50
15	1	LOW	Q16	22.89	22.98	22.86	23.50
		MID	Q16	22.93	23.11	22.97	23.50
		HIGH	Q16	22.81	22.95	22.83	23.50
	36	LOW	Q16	22.65	22.63	22.66	23.50
		MID	Q16	22.71	22.66	22.68	23.50
		HIGH	Q16	22.65	22.60	22.61	23.50
	75	LOW	Q16	22.72	22.63	22.63	23.50
15	1	LOW	64QAM	21.79	21.88	21.74	23.50
		MID	64QAM	21.87	22.26	22.08	23.50
		HIGH	64QAM	21.82	21.97	21.77	23.50
	36	LOW	64QAM	21.73	21.75	21.63	22.50
		MID	64QAM	21.63	21.51	21.54	22.50
		HIGH	64QAM	21.56	21.67	21.46	22.50
	75	LOW	64QAM	21.69	21.58	21.66	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.53	22.45	22.56	23.50
		MID	QPSK	22.74	22.65	22.75	23.50
		HIGH	QPSK	22.50	22.45	22.52	23.50
	50	LOW	QPSK	22.60	22.58	22.56	23.50
		MID	QPSK	22.70	22.67	22.64	23.50
		HIGH	QPSK	22.62	22.59	22.51	23.50
	100	LOW	QPSK	22.60	22.58	22.53	23.50
20	1	LOW	Q16	22.84	22.67	22.90	23.50
		MID	Q16	23.03	22.83	23.07	23.50
		HIGH	Q16	22.78	22.64	22.89	23.50
	50	LOW	Q16	22.61	22.64	22.64	23.50
		MID	Q16	22.71	22.70	22.68	23.50
		HIGH	Q16	22.60	22.60	22.58	23.50
	100	LOW	Q16	22.62	22.60	22.56	23.50
20	1	LOW	64QAM	21.70	21.70	21.92	23.50
		MID	64QAM	22.10	21.74	22.21	23.50
		HIGH	64QAM	21.86	21.59	21.84	23.50
	50	LOW	64QAM	21.68	21.74	21.58	22.50
		MID	64QAM	21.77	21.80	21.73	22.50
		HIGH	64QAM	21.48	21.56	21.66	22.50
	100	LOW	64QAM	21.61	21.48	21.59	22.50

8.3.11 LTE Band41 Output Power

LTE B41-Full Power -Ant.4									
Bandwidth (M	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.38	24.28	24.43	24.43	24.41	24.50
		MID	QPSK	24.36	24.26	24.49	24.34	24.45	24.50
		HIGH	QPSK	24.36	24.49	24.37	24.41	24.45	24.50
	12	LOW	QPSK	23.47	23.51	23.45	23.39	23.48	24.00
		MID	QPSK	23.60	23.58	23.46	23.43	23.61	24.00
		HIGH	QPSK	23.55	23.50	23.35	23.33	23.58	24.00
	25	LOW	QPSK	23.59	23.50	23.40	23.35	23.59	24.00
5	1	LOW	Q16	23.73	23.73	23.60	23.63	23.58	24.00
		MID	Q16	23.85	23.84	23.69	23.70	23.73	24.00
		HIGH	Q16	23.70	23.64	23.58	23.65	23.62	24.00
	12	LOW	Q16	22.47	22.58	22.38	22.45	22.61	23.00
		MID	Q16	22.61	22.58	22.49	22.58	22.68	23.00
		HIGH	Q16	22.58	22.58	22.36	22.41	22.63	23.00
	25	LOW	Q16	22.60	22.54	22.42	22.34	22.51	23.00
5	1	LOW	64QAM	22.64	22.66	22.62	22.53	22.59	23.00
		MID	64QAM	22.76	22.77	22.53	22.92	22.95	23.00
		HIGH	64QAM	22.68	22.75	22.62	22.61	22.66	23.00
	12	LOW	64QAM	21.46	21.63	21.44	21.31	21.48	22.00
		MID	64QAM	21.63	21.74	21.60	21.42	21.64	22.00
		HIGH	64QAM	21.72	21.46	21.25	21.43	21.79	22.00
	25	LOW	64QAM	21.52	21.60	21.43	21.50	21.39	22.00
Bandwidth (M	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.45	24.43	24.42	24.44	24.46	24.50
		MID	QPSK	24.39	24.36	24.35	24.41	24.36	24.50
		HIGH	QPSK	24.27	24.38	24.48	24.36	24.38	24.50
	25	LOW	QPSK	23.56	23.57	23.41	23.41	23.55	24.00
		MID	QPSK	23.65	23.62	23.49	23.50	23.53	24.00
		HIGH	QPSK	23.69	23.58	23.38	23.45	23.58	24.00
50	LOW	QPSK	23.62	23.54	23.48	23.42	23.59	24.00	
10	1	LOW	Q16	23.76	23.77	23.74	23.73	23.67	24.00
		MID	Q16	23.82	23.82	23.84	23.78	23.74	24.00
		HIGH	Q16	23.87	23.78	23.73	23.68	23.80	24.00
	25	LOW	Q16	22.49	22.53	22.45	22.48	22.54	23.00
		MID	Q16	22.55	22.59	22.41	22.45	22.46	23.00
		HIGH	Q16	22.60	22.48	22.45	22.41	22.58	23.00
50	LOW	Q16	22.57	22.59	22.47	22.44	22.53	23.00	
10	1	LOW	64QAM	22.83	22.81	22.85	22.76	22.58	23.00
		MID	64QAM	22.93	22.76	22.76	22.73	22.70	23.00
		HIGH	64QAM	22.82	22.80	22.85	22.73	22.77	23.00
	25	LOW	64QAM	21.63	21.50	21.38	21.31	21.65	22.00
		MID	64QAM	21.54	21.40	21.38	21.35	21.47	22.00
		HIGH	64QAM	21.56	21.57	21.33	21.24	21.45	22.00
50	LOW	64QAM	21.65	21.52	21.32	21.31	21.51	22.00	

Bandwidth (M)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.44	24.35	24.41	24.48	24.35	24.50
		MID	QPSK	24.36	24.38	24.29	24.39	24.38	24.50
		HIGH	QPSK	24.37	24.49	24.40	24.43	24.35	24.50
	36	LOW	QPSK	23.59	23.63	23.47	23.51	23.48	24.00
		MID	QPSK	23.66	23.59	23.56	23.59	23.58	24.00
		HIGH	QPSK	23.75	23.57	23.55	23.47	23.56	24.00
	75	LOW	QPSK	23.62	23.60	23.52	23.58	23.57	24.00
		LOW	Q16	23.68	23.75	23.79	23.59	23.60	24.00
		MID	Q16	23.80	23.84	23.85	23.72	23.78	24.00
15	1	HIGH	Q16	23.79	23.69	23.76	23.60	23.72	24.00
		LOW	Q16	22.52	22.50	22.42	22.43	22.42	23.00
		MID	Q16	22.68	22.63	22.44	22.44	22.48	23.00
	36	HIGH	Q16	22.72	22.51	22.46	22.43	22.61	23.00
		LOW	Q16	22.65	22.64	22.46	22.43	22.54	23.00
		LOW	64QAM	22.69	22.55	22.75	22.46	22.59	23.00
	36	MID	64QAM	22.78	22.69	22.99	22.88	22.99	23.00
		HIGH	64QAM	22.70	22.68	22.72	22.56	22.85	23.00
		LOW	64QAM	21.64	21.60	21.47	21.50	21.42	22.00
15	1	MID	64QAM	21.51	21.60	21.63	21.56	21.42	22.00
		HIGH	64QAM	21.64	21.56	21.28	21.59	21.61	22.00
		LOW	64QAM	21.72	21.62	21.42	21.33	21.57	22.00
20	1	LOW	QPSK	24.39	24.40	24.30	24.43	24.41	24.50
		MID	QPSK	24.37	24.28	24.49	24.21	24.45	24.50
		HIGH	QPSK	24.39	24.40	24.30	24.35	24.49	24.50
	50	LOW	QPSK	23.51	23.48	23.35	23.44	23.37	24.00
		MID	QPSK	23.70	23.57	23.43	23.45	23.52	24.00
		HIGH	QPSK	23.67	23.52	23.42	23.33	23.49	24.00
	100	LOW	QPSK	23.51	23.52	23.44	23.39	23.40	24.00
		LOW	Q16	23.62	23.72	23.46	23.62	23.54	24.00
		MID	Q16	23.91	23.88	23.68	23.90	23.85	24.00
20	1	HIGH	Q16	23.74	23.69	23.41	23.77	23.80	24.00
		LOW	Q16	22.43	22.46	22.48	22.48	22.36	23.00
		MID	Q16	22.62	22.53	22.51	22.49	22.56	23.00
	50	HIGH	Q16	22.61	22.55	22.35	22.34	22.58	23.00
		LOW	Q16	22.54	22.48	22.42	22.37	22.43	23.00
		LOW	64QAM	22.82	22.66	22.44	22.74	22.57	23.00
	1	MID	64QAM	22.83	22.95	22.68	22.73	22.95	23.00
		HIGH	64QAM	22.67	22.80	22.44	22.77	22.75	23.00
		LOW	64QAM	21.55	21.44	21.63	21.61	21.54	22.00
20	50	MID	64QAM	21.59	21.63	21.53	21.65	21.43	22.00
		HIGH	64QAM	21.43	21.55	21.27	21.37	21.72	22.00
		LOW	64QAM	21.45	21.34	21.46	21.41	21.57	22.00

LTE B41-DSI_1 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.34	22.02	22.11	22.14	22.33	23.00
		MID	QPSK	22.37	22.11	22.17	22.29	22.47	23.00
		HIGH	QPSK	22.24	22.03	22.06	22.20	22.38	23.00
	12	LOW	QPSK	22.22	22.11	22.10	22.16	22.35	23.00
		MID	QPSK	22.26	22.09	22.15	22.19	22.37	23.00
		HIGH	QPSK	22.19	22.01	22.09	22.13	22.37	23.00
	25	LOW	QPSK	22.24	22.03	22.15	22.18	22.33	23.00
	5	LOW	Q16	22.46	22.21	22.40	22.50	22.47	23.00
		MID	Q16	22.56	22.40	22.52	22.61	22.64	23.00
		HIGH	Q16	22.43	22.24	22.38	22.54	22.54	23.00
5	1	LOW	Q16	22.15	22.07	22.12	22.26	22.36	23.00
		MID	Q16	22.21	22.13	22.18	22.31	22.39	23.00
		HIGH	Q16	22.15	22.13	22.15	22.25	22.39	23.00
	25	LOW	Q16	22.16	22.05	22.19	22.18	22.29	23.00
	5	LOW	64QAM	22.52	22.43	22.24	22.59	22.59	23.00
		MID	64QAM	22.53	22.54	22.47	22.56	22.55	23.00
		HIGH	64QAM	22.56	22.27	22.56	22.29	22.42	23.00
	12	LOW	64QAM	21.03	21.07	21.10	21.34	21.31	22.50
		MID	64QAM	21.31	21.16	21.05	21.23	21.50	22.50
		HIGH	64QAM	21.22	21.17	21.04	21.40	21.52	22.50
	25	LOW	64QAM	21.22	20.93	21.18	21.14	21.31	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.29	22.12	22.22	22.25	22.38	23.00
		MID	QPSK	22.26	22.14	22.27	22.31	22.48	23.00
		HIGH	QPSK	22.19	22.10	22.20	22.30	22.47	23.00
	25	LOW	QPSK	22.22	22.06	22.15	22.24	22.31	23.00
		MID	QPSK	22.20	22.11	22.21	22.21	22.38	23.00
		HIGH	QPSK	22.15	22.14	22.17	22.18	22.37	23.00
10	50	LOW	QPSK	22.20	22.11	22.16	22.19	22.33	23.00
	1	LOW	Q16	22.45	22.37	22.60	22.53	22.63	23.00
		MID	Q16	22.46	22.42	22.66	22.61	22.76	23.00
		HIGH	Q16	22.44	22.38	22.59	22.62	22.76	23.00
	25	LOW	Q16	22.16	22.02	22.17	22.24	22.28	23.00
		MID	Q16	22.16	22.13	22.23	22.23	22.38	23.00
		HIGH	Q16	22.14	22.12	22.18	22.18	22.35	23.00
	50	LOW	Q16	22.14	22.12	22.22	22.23	22.35	23.00
10	1	LOW	64QAM	22.56	22.48	22.32	22.50	22.56	23.00
		MID	64QAM	22.38	22.54	22.42	22.49	22.44	23.00
		HIGH	64QAM	22.55	22.22	22.60	22.16	22.52	23.00
	25	LOW	64QAM	21.18	20.97	21.08	21.17	21.43	22.50
		MID	64QAM	21.03	21.10	21.27	21.37	21.45	22.50
		HIGH	64QAM	21.22	21.19	21.27	21.23	21.43	22.50
	50	LOW	64QAM	21.10	21.27	21.29	21.26	21.33	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.18	22.08	22.19	22.18	22.27	23.00
		MID	QPSK	22.25	22.21	22.29	22.34	22.44	23.00
		HIGH	QPSK	22.09	22.13	22.15	22.22	22.38	23.00
	36	LOW	QPSK	22.21	22.05	22.19	22.28	22.32	23.00
		MID	QPSK	22.21	22.16	22.21	22.29	22.39	23.00
		HIGH	QPSK	22.17	22.15	22.19	22.23	22.38	23.00
	75	LOW	QPSK	22.18	22.14	22.18	22.21	22.32	23.00
		LOW	Q16	22.39	22.34	22.59	22.43	22.47	23.00
		MID	Q16	22.44	22.44	22.69	22.59	22.68	23.00
15	1	HIGH	Q16	22.30	22.36	22.60	22.47	22.64	23.00
		LOW	Q16	22.15	22.01	22.15	22.25	22.26	23.00
		MID	Q16	22.15	22.15	22.23	22.26	22.34	23.00
	36	HIGH	Q16	22.09	22.11	22.18	22.20	22.37	23.00
		LOW	Q16	22.14	22.17	22.23	22.26	22.31	23.00
		MID	64QAM	22.51	22.29	22.18	22.47	22.62	23.00
	75	HIGH	64QAM	22.45	22.41	22.49	22.54	22.44	23.00
		LOW	64QAM	22.62	22.24	22.58	22.25	22.35	23.00
		MID	64QAM	21.20	21.07	21.23	21.26	21.27	22.50
15	1	HIGH	64QAM	21.00	21.02	21.18	21.17	21.43	22.50
		LOW	64QAM	21.06	21.11	21.22	21.17	21.22	22.50
		MID	64QAM	21.18	21.26	21.22	21.38	21.31	22.50
	36	LOW	QPSK	22.09	22.15	22.07	22.21	22.27	23.00
		MID	QPSK	22.25	22.20	22.39	22.36	22.38	23.00
		HIGH	QPSK	22.18	22.09	22.02	22.19	22.39	23.00
	50	LOW	QPSK	22.14	22.04	22.15	22.21	22.19	23.00
		MID	QPSK	22.15	22.21	22.28	22.27	22.23	23.00
		HIGH	QPSK	22.07	22.18	22.17	22.11	22.27	23.00
20	100	LOW	QPSK	22.07	22.07	22.18	22.18	22.22	23.00
		LOW	Q16	22.33	22.25	22.29	22.52	22.49	23.00
		MID	Q16	22.47	22.51	22.44	22.70	22.70	23.00
	50	HIGH	Q16	22.21	22.39	22.24	22.55	22.65	23.00
		LOW	Q16	22.06	22.04	22.20	22.24	22.24	23.00
		MID	Q16	22.12	22.14	22.29	22.31	22.32	23.00
	100	HIGH	Q16	22.06	22.19	22.17	22.14	22.32	23.00
		LOW	Q16	22.04	22.08	22.21	22.16	22.19	23.00
		MID	64QAM	22.57	22.48	22.26	22.54	22.53	23.00
20	1	HIGH	64QAM	22.59	22.46	22.49	22.56	22.51	23.00
		LOW	64QAM	22.54	22.24	22.47	22.16	22.34	23.00
		MID	64QAM	20.97	20.94	21.10	21.14	21.18	22.50
	50	HIGH	64QAM	21.02	21.05	21.21	21.22	21.37	22.50
		LOW	64QAM	21.17	21.26	21.08	21.21	21.46	22.50
		MID	64QAM	21.00	21.02	21.18	21.17	21.43	22.50
	100	LOW	64QAM	21.06	21.11	21.22	21.17	21.22	22.50
		LOW	64QAM	21.18	21.26	21.22	21.38	21.31	22.50
		MID	64QAM	21.20	21.07	21.23	21.26	21.27	22.50

LTE B41-DSI_4 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	21.53	21.56	21.64	21.71	21.46	22.00
		MID	QPSK	21.86	21.54	21.85	21.78	21.80	22.00
		HIGH	QPSK	21.62	21.58	21.35	21.62	21.73	22.00
	12	LOW	QPSK	21.46	21.54	21.79	21.74	21.63	22.00
		MID	QPSK	21.67	21.76	21.83	21.60	21.67	22.00
		HIGH	QPSK	21.52	21.59	21.52	21.63	21.73	22.00
	25	LOW	QPSK	21.80	21.61	21.64	21.49	21.59	22.00
	5	LOW	Q16	21.65	21.79	21.64	21.82	21.73	22.00
		MID	Q16	21.59	21.46	21.82	21.61	21.53	22.00
		HIGH	Q16	21.71	21.93	21.75	21.82	21.45	22.00
		LOW	Q16	21.58	21.46	21.60	21.76	21.75	22.00
		MID	Q16	21.66	21.75	21.75	21.90	21.58	22.00
		HIGH	Q16	21.73	21.68	21.71	21.58	21.75	22.00
	25	LOW	Q16	21.54	21.68	21.80	21.62	21.54	22.00
5	1	LOW	64QAM	21.89	21.64	21.81	21.83	21.96	22.00
		MID	64QAM	21.45	21.64	21.89	21.63	21.63	22.00
		HIGH	64QAM	21.91	21.95	21.78	21.67	21.44	22.00
	12	LOW	64QAM	21.41	21.39	21.53	21.60	21.68	22.00
		MID	64QAM	21.84	21.78	21.67	21.82	21.71	22.00
		HIGH	64QAM	21.48	21.69	21.57	21.62	21.88	22.00
	25	LOW	64QAM	21.63	21.47	21.58	21.47	21.63	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	21.35	21.52	21.54	21.57	21.57	22.00
		MID	QPSK	21.74	21.74	21.86	21.75	21.83	22.00
		HIGH	QPSK	21.48	21.50	21.60	21.52	21.90	22.00
	25	LOW	QPSK	21.55	21.42	21.52	21.76	21.55	22.00
		MID	QPSK	21.60	21.67	21.66	21.83	21.60	22.00
		HIGH	QPSK	21.77	21.58	21.75	21.58	21.58	22.00
10	50	LOW	QPSK	21.67	21.63	21.74	21.67	21.54	22.00
	1	LOW	Q16	21.73	21.82	21.63	21.97	21.75	22.00
		MID	Q16	21.68	21.69	21.78	21.57	21.57	22.00
		HIGH	Q16	21.78	21.79	21.71	21.82	21.44	22.00
	25	LOW	Q16	21.48	21.49	21.68	21.64	21.58	22.00
		MID	Q16	21.65	21.71	21.66	21.65	21.77	22.00
		HIGH	Q16	21.73	21.65	21.62	21.45	21.84	22.00
	50	LOW	Q16	21.63	21.51	21.79	21.74	21.48	22.00
10	1	LOW	64QAM	21.76	21.82	21.89	21.78	21.90	22.00
		MID	64QAM	21.64	21.41	21.86	21.56	21.53	22.00
		HIGH	64QAM	21.74	21.97	21.84	21.89	21.26	22.00
	25	LOW	64QAM	21.65	21.64	21.61	21.65	21.79	22.00
		MID	64QAM	21.69	21.67	21.86	21.80	21.62	22.00
		HIGH	64QAM	21.48	21.53	21.74	21.58	21.78	22.00
	50	LOW	64QAM	21.46	21.71	21.67	21.47	21.68	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.46	21.42	21.67	21.61	21.70	22.00
		MID	QPSK	21.66	21.63	21.90	21.75	21.80	22.00
		HIGH	QPSK	21.63	21.49	21.45	21.63	21.86	22.00
	36	LOW	QPSK	21.72	21.66	21.71	21.66	21.74	22.00
		MID	QPSK	21.80	21.65	21.64	21.73	21.85	22.00
		HIGH	QPSK	21.70	21.50	21.48	21.47	21.67	22.00
	75	LOW	QPSK	21.54	21.47	21.79	21.74	21.52	22.00
15	1	LOW	Q16	21.78	21.68	21.84	21.92	21.75	22.00
		MID	Q16	21.54	21.47	21.86	21.72	21.65	22.00
		HIGH	Q16	21.90	21.82	21.72	21.92	21.21	22.00
	36	LOW	Q16	21.42	21.39	21.59	21.56	21.64	22.00
		MID	Q16	21.82	21.57	21.84	21.79	21.85	22.00
		HIGH	Q16	21.73	21.58	21.63	21.70	21.61	22.00
	75	LOW	Q16	21.51	21.48	21.76	21.55	21.71	22.00
15	1	LOW	64QAM	21.76	21.82	21.64	21.80	21.91	22.00
		MID	64QAM	21.47	21.44	21.88	21.65	21.41	22.00
		HIGH	64QAM	21.71	21.78	21.75	22.00	21.24	22.00
	36	LOW	64QAM	21.56	21.65	21.53	21.77	21.52	22.00
		MID	64QAM	21.75	21.58	21.71	21.65	21.58	22.00
		HIGH	64QAM	21.66	21.62	21.65	21.55	21.69	22.00
	75	LOW	64QAM	21.46	21.56	21.69	21.55	21.46	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.50	21.47	21.52	21.58	21.61	22.00
		MID	QPSK	21.78	21.69	21.75	21.82	21.92	22.00
		HIGH	QPSK	21.55	21.54	21.49	21.65	21.79	22.00
	50	LOW	QPSK	21.60	21.51	21.66	21.61	21.63	22.00
		MID	QPSK	21.74	21.67	21.72	21.71	21.73	22.00
		HIGH	QPSK	21.66	21.65	21.61	21.53	21.68	22.00
	100	LOW	QPSK	21.66	21.60	21.65	21.59	21.62	22.00
20	1	LOW	Q16	21.78	21.77	21.74	21.87	21.85	22.00
		MID	Q16	21.56	21.54	21.92	21.67	21.56	22.00
		HIGH	Q16	21.81	21.85	21.75	21.97	21.34	22.00
	50	LOW	Q16	21.56	21.54	21.63	21.69	21.64	22.00
		MID	Q16	21.72	21.72	21.74	21.75	21.73	22.00
		HIGH	Q16	21.61	21.65	21.70	21.60	21.73	22.00
	100	LOW	Q16	21.59	21.60	21.67	21.61	21.59	22.00
20	1	LOW	64QAM	21.52	21.59	21.61	21.70	21.81	22.00
		MID	64QAM	21.72	21.88	21.66	21.33	21.67	22.00
		HIGH	64QAM	21.42	21.81	21.50	21.90	22.00	22.00
	50	LOW	64QAM	21.65	21.89	21.70	21.74	21.89	22.00
		MID	64QAM	21.56	21.50	21.78	21.77	21.64	22.00
		HIGH	64QAM	21.88	21.71	21.69	22.03	21.23	22.00
	100	LOW	64QAM	21.53	21.52	21.56	21.70	21.53	22.00

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	24.77	24.69	24.61	24.57	24.78	25.50	
		MID	QPSK	25.01	24.88	24.71	24.73	24.91	25.50	
		HIGH	QPSK	24.89	24.73	24.62	24.61	24.76	25.50	
	12	LOW	QPSK	23.76	23.68	23.63	23.62	23.85	24.50	
		MID	QPSK	23.91	23.77	23.64	23.70	23.91	24.50	
		HIGH	QPSK	23.87	23.75	23.54	23.62	23.85	24.50	
	25	LOW	QPSK	23.86	23.70	23.57	23.64	23.81	24.50	
	5	1	LOW	Q16	23.97	24.01	23.91	23.78	23.93	24.50
			MID	Q16	24.12	24.10	24.00	23.93	24.10	24.50
HIGH			Q16	24.01	23.94	23.94	23.77	24.03	24.50	
12		LOW	Q16	22.81	22.71	22.73	22.64	22.87	23.50	
		MID	Q16	22.92	22.78	22.71	22.66	22.98	23.50	
		HIGH	Q16	22.88	22.76	22.70	22.60	22.93	23.50	
25	LOW	Q16	22.88	22.84	22.60	22.57	22.85	23.50		
5	1	LOW	64QAM	22.95	23.10	22.87	22.79	22.81	23.50	
		MID	64QAM	23.06	23.31	23.14	22.69	23.16	23.50	
		HIGH	64QAM	23.04	22.90	22.92	22.60	23.04	23.50	
	12	LOW	64QAM	21.75	21.64	21.60	21.69	21.95	22.50	
		MID	64QAM	21.79	21.90	21.54	21.55	22.05	22.50	
		HIGH	64QAM	21.89	21.69	21.69	21.52	21.77	22.50	
	25	LOW	64QAM	21.86	21.82	21.59	21.50	21.75	22.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.87	24.78	24.66	24.69	24.80	25.50	
		MID	QPSK	24.92	24.79	24.75	24.76	24.95	25.50	
		HIGH	QPSK	24.87	24.81	24.73	24.65	24.97	25.50	
	25	LOW	QPSK	23.79	23.76	23.66	23.68	23.81	24.50	
		MID	QPSK	23.86	23.85	23.63	23.70	23.89	24.50	
		HIGH	QPSK	23.93	23.79	23.59	23.66	23.84	24.50	
	50	LOW	QPSK	23.90	23.74	23.65	23.65	23.85	24.50	
10	1	LOW	Q16	24.03	24.08	23.96	23.99	24.11	24.50	
		MID	Q16	24.08	24.04	24.01	24.05	24.13	24.50	
		HIGH	Q16	24.11	24.03	24.02	23.97	24.22	24.50	
	25	LOW	Q16	22.84	22.72	22.66	22.65	22.80	23.50	
		MID	Q16	22.95	22.85	22.61	22.64	22.88	23.50	
		HIGH	Q16	22.85	22.79	22.58	22.63	22.92	23.50	
	50	LOW	Q16	22.90	22.76	22.71	22.66	22.87	23.50	
	10	1	LOW	64QAM	23.17	22.87	22.99	22.86	23.27	23.50
MID			64QAM	23.32	22.91	23.17	22.84	23.30	23.50	
HIGH			64QAM	23.24	23.01	22.97	23.11	23.22	23.50	
25		LOW	64QAM	21.89	21.88	21.63	21.57	21.68	22.50	
		MID	64QAM	21.70	21.80	21.65	21.82	21.80	22.50	
		HIGH	64QAM	21.94	21.89	21.65	21.76	21.79	22.50	
50		LOW	64QAM	21.85	21.65	21.77	21.67	21.97	22.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.75	24.73	24.60	24.71	24.72	25.50
		MID	QPSK	24.92	24.89	24.76	24.83	24.92	25.50
		HIGH	QPSK	24.89	24.70	24.60	24.68	24.94	25.50
	36	LOW	QPSK	23.89	23.78	23.66	23.71	23.79	24.50
		MID	QPSK	24.02	23.81	23.75	23.70	23.95	24.50
		HIGH	QPSK	23.93	23.85	23.65	23.65	23.84	24.50
	75	LOW	QPSK	23.97	23.86	23.74	23.68	23.79	24.50
15	1	LOW	Q16	23.94	23.92	23.95	23.91	23.91	24.50
		MID	Q16	24.18	24.02	24.06	24.05	24.11	24.50
		HIGH	Q16	24.01	23.88	23.92	23.89	24.05	24.50
	36	LOW	Q16	22.88	22.71	22.66	22.67	22.74	23.50
		MID	Q16	22.86	22.83	22.66	22.70	22.82	23.50
		HIGH	Q16	22.90	22.76	22.59	22.65	22.81	23.50
	75	LOW	Q16	22.90	22.88	22.64	22.69	22.84	23.50
15	1	LOW	64QAM	22.95	22.99	22.96	22.94	23.07	23.50
		MID	64QAM	23.13	23.08	23.15	23.14	23.24	23.50
		HIGH	64QAM	22.90	22.87	22.83	22.97	23.03	23.50
	36	LOW	64QAM	21.87	21.64	21.49	21.83	21.67	22.50
		MID	64QAM	22.00	21.73	21.61	21.82	21.73	22.50
		HIGH	64QAM	22.01	21.91	21.49	21.62	21.83	22.50
	75	LOW	64QAM	21.96	21.93	21.61	21.63	21.70	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.70	24.62	24.49	24.59	24.58	25.50
		MID	QPSK	25.05	24.88	24.72	24.87	24.95	25.50
		HIGH	QPSK	24.80	24.65	24.56	24.68	24.81	25.50
	50	LOW	QPSK	23.83	23.60	23.66	23.68	23.69	24.50
		MID	QPSK	23.86	23.80	23.74	23.65	23.83	24.50
		HIGH	QPSK	23.83	23.84	23.55	23.56	23.79	24.50
20	100	LOW	QPSK	23.83	23.81	23.51	23.68	23.71	24.50
	1	LOW	Q16	23.92	23.92	23.66	23.88	23.94	24.50
		MID	Q16	24.25	24.13	23.84	24.14	24.19	24.50
		HIGH	Q16	24.03	23.87	23.63	23.90	24.13	24.50
	50	LOW	Q16	22.79	22.70	22.67	22.70	22.70	23.50
		MID	Q16	22.93	22.78	22.72	22.81	22.83	23.50
		HIGH	Q16	22.85	22.82	22.59	22.68	22.87	23.50
	100	LOW	Q16	22.74	22.79	22.58	22.64	22.75	23.50
20	1	LOW	64QAM	23.04	22.88	22.74	23.07	22.86	23.50
		MID	64QAM	23.25	23.27	22.74	23.10	23.20	23.50
		HIGH	64QAM	23.00	22.72	22.60	22.96	22.99	23.50
	50	LOW	64QAM	21.81	21.64	21.70	21.80	21.79	22.50
		MID	64QAM	21.98	21.92	21.55	21.68	21.75	22.50
		HIGH	64QAM	21.89	21.83	21.55	21.54	21.76	22.50
	100	LOW	64QAM	21.79	21.89	21.51	21.67	21.64	22.50

LTE B41-DSI_1-Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.77	24.69	24.61	24.57	24.78	25.50
		MID	QPSK	25.01	24.88	24.71	24.73	24.91	25.50
		HIGH	QPSK	24.89	24.73	24.62	24.61	24.76	25.50
	12	LOW	QPSK	23.76	23.68	23.63	23.62	23.85	24.50
		MID	QPSK	23.91	23.77	23.64	23.70	23.91	24.50
		HIGH	QPSK	23.87	23.75	23.54	23.62	23.85	24.50
25	LOW	QPSK	23.86	23.70	23.57	23.64	23.81	24.50	
5	1	LOW	Q16	23.97	24.01	23.91	23.78	23.93	24.50
		MID	Q16	24.12	24.10	24.00	23.93	24.10	24.50
		HIGH	Q16	24.01	23.94	23.94	23.77	24.03	24.50
	12	LOW	Q16	22.81	22.71	22.73	22.64	22.87	23.50
		MID	Q16	22.92	22.78	22.71	22.66	22.98	23.50
		HIGH	Q16	22.88	22.76	22.70	22.60	22.93	23.50
25	LOW	Q16	22.88	22.84	22.60	22.57	22.85	23.50	
5	1	LOW	64QAM	22.95	23.10	22.87	22.79	22.81	23.50
		MID	64QAM	23.06	23.31	23.14	22.69	23.16	23.50
		HIGH	64QAM	23.04	22.90	22.92	22.60	23.04	23.50
	12	LOW	64QAM	21.75	21.64	21.60	21.69	21.95	22.50
		MID	64QAM	21.79	21.90	21.54	21.55	22.05	22.50
		HIGH	64QAM	21.89	21.69	21.69	21.52	21.77	22.50
25	LOW	64QAM	21.86	21.82	21.59	21.50	21.75	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.87	24.78	24.66	24.69	24.80	25.50
		MID	QPSK	24.92	24.79	24.75	24.76	24.95	25.50
		HIGH	QPSK	24.87	24.81	24.73	24.65	24.97	25.50
	25	LOW	QPSK	23.79	23.76	23.66	23.68	23.81	24.50
		MID	QPSK	23.86	23.85	23.63	23.70	23.89	24.50
		HIGH	QPSK	23.93	23.79	23.59	23.66	23.84	24.50
50	LOW	QPSK	23.90	23.74	23.65	23.65	23.85	24.50	
10	1	LOW	Q16	24.03	24.08	23.96	23.99	24.11	24.50
		MID	Q16	24.08	24.04	24.01	24.05	24.13	24.50
		HIGH	Q16	24.11	24.03	24.02	23.97	24.22	24.50
	25	LOW	Q16	22.84	22.72	22.66	22.65	22.80	23.50
		MID	Q16	22.95	22.85	22.61	22.64	22.88	23.50
		HIGH	Q16	22.85	22.79	22.58	22.63	22.92	23.50
50	LOW	Q16	22.90	22.76	22.71	22.66	22.87	23.50	
10	1	LOW	64QAM	23.17	22.87	22.99	22.86	23.27	23.50
		MID	64QAM	23.32	22.91	23.17	22.84	23.30	23.50
		HIGH	64QAM	23.24	23.01	22.97	23.11	23.22	23.50
	25	LOW	64QAM	21.89	21.88	21.63	21.57	21.68	22.50
		MID	64QAM	21.70	21.80	21.65	21.82	21.80	22.50
		HIGH	64QAM	21.94	21.89	21.65	21.76	21.79	22.50
50	LOW	64QAM	21.85	21.65	21.77	21.67	21.97	22.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.75	24.73	24.60	24.71	24.72	25.50
		MID	QPSK	24.92	24.89	24.76	24.83	24.92	25.50
		HIGH	QPSK	24.89	24.70	24.60	24.68	24.94	25.50
	36	LOW	QPSK	23.89	23.78	23.66	23.71	23.79	24.50
		MID	QPSK	24.02	23.81	23.75	23.70	23.95	24.50
		HIGH	QPSK	23.93	23.85	23.65	23.65	23.84	24.50
	75	LOW	QPSK	23.97	23.86	23.74	23.68	23.79	24.50
15	1	LOW	Q16	23.94	23.92	23.95	23.91	23.91	24.50
		MID	Q16	24.18	24.02	24.06	24.05	24.11	24.50
		HIGH	Q16	24.01	23.88	23.92	23.89	24.05	24.50
	36	LOW	Q16	22.88	22.71	22.66	22.67	22.74	23.50
		MID	Q16	22.86	22.83	22.66	22.70	22.82	23.50
		HIGH	Q16	22.90	22.76	22.59	22.65	22.81	23.50
	75	LOW	Q16	22.90	22.88	22.64	22.69	22.84	23.50
15	1	LOW	64QAM	22.95	22.99	22.96	22.94	23.07	23.50
		MID	64QAM	23.13	23.08	23.15	23.14	23.24	23.50
		HIGH	64QAM	22.90	22.87	22.83	22.97	23.03	23.50
	36	LOW	64QAM	21.87	21.64	21.49	21.83	21.67	22.50
		MID	64QAM	22.00	21.73	21.61	21.82	21.73	22.50
		HIGH	64QAM	22.01	21.91	21.49	21.62	21.83	22.50
	75	LOW	64QAM	21.96	21.93	21.61	21.63	21.70	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.70	24.62	24.49	24.59	24.58	25.50
		MID	QPSK	25.05	24.88	24.72	24.87	24.95	25.50
		HIGH	QPSK	24.80	24.65	24.56	24.68	24.81	25.50
	50	LOW	QPSK	23.83	23.60	23.66	23.68	23.69	24.50
		MID	QPSK	23.86	23.80	23.74	23.65	23.83	24.50
		HIGH	QPSK	23.83	23.84	23.55	23.56	23.79	24.50
20	100	LOW	QPSK	23.83	23.81	23.51	23.68	23.71	24.50
	1	LOW	Q16	23.92	23.92	23.66	23.88	23.94	24.50
		MID	Q16	24.25	24.13	23.84	24.14	24.19	24.50
		HIGH	Q16	24.03	23.87	23.63	23.90	24.13	24.50
	50	LOW	Q16	22.79	22.70	22.67	22.70	22.70	23.50
		MID	Q16	22.93	22.78	22.72	22.81	22.83	23.50
		HIGH	Q16	22.85	22.82	22.59	22.68	22.87	23.50
	100	LOW	Q16	22.74	22.79	22.58	22.64	22.75	23.50
20	1	LOW	64QAM	23.04	22.88	22.74	23.07	22.86	23.50
		MID	64QAM	23.25	23.27	22.74	23.10	23.20	23.50
		HIGH	64QAM	23.00	22.72	22.60	22.96	22.99	23.50
	50	LOW	64QAM	21.81	21.64	21.70	21.80	21.79	22.50
		MID	64QAM	21.98	21.92	21.55	21.68	21.75	22.50
		HIGH	64QAM	21.89	21.83	21.55	21.54	21.76	22.50
	100	LOW	64QAM	21.79	21.89	21.51	21.67	21.64	22.50

LTE B41-DSI_4-Ant.0																			
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)										
5	1	LOW	QPSK	22.73	22.56	22.34	22.35	22.53	23.50										
		MID	QPSK	22.84	22.62	22.43	22.48	22.64	23.50										
		HIGH	QPSK	22.70	22.51	22.32	22.32	22.57	23.50										
	12	LOW	QPSK	22.67	22.56	22.33	22.34	22.53	23.50										
		MID	QPSK	22.69	22.53	22.37	22.36	22.58	23.50										
		HIGH	QPSK	22.66	22.52	22.36	22.31	22.56	23.50										
	25	LOW	QPSK	22.65	22.55	22.38	22.36	22.59	23.50										
	5	1	LOW	Q16	22.96	22.74	22.61	22.65	22.77	23.50									
			MID	Q16	23.07	22.85	22.74	22.81	22.91	23.50									
HIGH			Q16	22.96	22.71	22.59	22.71	22.79	23.50										
12		LOW	Q16	22.71	22.59	22.37	22.48	22.53	23.50										
		MID	Q16	22.77	22.62	22.42	22.48	22.61	23.50										
		HIGH	Q16	22.72	22.57	22.39	22.44	22.57	23.50										
25	LOW	Q16	22.64	22.59	22.43	22.37	22.60	23.50											
5	1	LOW	64QAM	22.86	22.62	22.32	22.37	22.56	23.50										
		MID	64QAM	22.66	22.58	22.25	22.53	22.51	23.50										
		HIGH	64QAM	22.57	22.56	22.29	22.23	22.70	23.50										
	12	LOW	64QAM	21.70	21.70	21.48	21.62	21.46	22.50										
		MID	64QAM	21.64	21.65	21.38	21.34	21.69	22.50										
		HIGH	64QAM	21.85	21.59	21.30	21.38	21.51	22.50										
	25	LOW	64QAM	21.63	21.58	21.54	21.30	21.65	22.50										
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)									
10											1	LOW	QPSK	22.67	22.64	22.44	22.44	22.57	23.50
												MID	QPSK	22.72	22.63	22.48	22.54	22.71	23.50
												HIGH	QPSK	22.68	22.54	22.42	22.40	22.63	23.50
25											LOW	QPSK	22.65	22.59	22.42	22.42	22.54	23.50	
											MID	QPSK	22.69	22.59	22.47	22.44	22.60	23.50	
											HIGH	QPSK	22.68	22.55	22.44	22.39	22.57	23.50	
50											LOW	QPSK	22.64	22.54	22.44	22.38	22.54	23.50	
10											1	LOW	Q16	22.87	22.86	22.83	22.81	22.89	23.50
												MID	Q16	22.92	22.85	22.90	22.81	22.99	23.50
	HIGH	Q16	22.91	22.78	22.83	22.75	22.97	23.50											
	25	LOW	Q16	22.58	22.57	22.44	22.47	22.51	23.50										
		MID	Q16	22.66	22.62	22.45	22.43	22.60	23.50										
		HIGH	Q16	22.65	22.59	22.43	22.36	22.57	23.50										
50	LOW	Q16	22.66	22.57	22.46	22.42	22.57	23.50											
10	1	LOW	64QAM	22.82	22.58	22.40	22.42	22.57	23.50										
		MID	64QAM	22.75	22.54	22.29	22.40	22.58	23.50										
		HIGH	64QAM	22.44	22.61	22.32	22.17	22.67	23.50										
	25	LOW	64QAM	21.52	21.65	21.31	21.56	21.62	22.50										
		MID	64QAM	21.71	21.49	21.35	21.48	21.53	22.50										
		HIGH	64QAM	21.77	21.44	21.56	21.32	21.44	22.50										
	50	LOW	64QAM	21.67	21.53	21.50	21.32	21.53	22.50										

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.59	22.63	22.44	22.40	22.49	23.50
		MID	QPSK	22.77	22.64	22.54	22.51	22.67	23.50
		HIGH	QPSK	22.62	22.50	22.41	22.38	22.57	23.50
	36	LOW	QPSK	22.65	22.57	22.47	22.39	22.49	23.50
		MID	QPSK	22.72	22.61	22.51	22.44	22.55	23.50
		HIGH	QPSK	22.66	22.56	22.44	22.40	22.53	23.50
	75	LOW	QPSK	22.70	22.53	22.48	22.40	22.53	23.50
		LOW	Q16	22.84	22.80	22.81	22.69	22.71	23.50
		MID	Q16	22.94	22.91	22.91	22.79	22.92	23.50
15	1	HIGH	Q16	22.79	22.68	22.81	22.68	22.82	23.50
		LOW	Q16	22.63	22.58	22.43	22.44	22.49	23.50
		MID	Q16	22.66	22.58	22.45	22.43	22.56	23.50
	36	HIGH	Q16	22.60	22.56	22.44	22.38	22.54	23.50
		LOW	Q16	22.65	22.59	22.48	22.43	22.52	23.50
		MID	64QAM	22.83	22.63	22.20	22.30	22.43	23.50
	75	HIGH	64QAM	22.53	22.59	22.21	22.62	22.58	23.50
		LOW	64QAM	22.43	22.66	22.17	22.17	22.67	23.50
		MID	64QAM	21.57	21.52	21.33	21.41	21.62	22.50
15	1	HIGH	64QAM	21.80	21.47	21.30	21.51	21.47	22.50
		LOW	64QAM	21.58	21.48	21.30	21.39	21.57	22.50
		MID	64QAM	21.79	21.44	21.43	21.45	21.60	22.50
	36	LOW	QPSK	22.52	22.53	22.31	22.39	22.47	23.50
		MID	QPSK	22.76	22.61	22.53	22.60	22.67	23.50
		HIGH	QPSK	22.57	22.37	22.32	22.39	22.57	23.50
	50	LOW	QPSK	22.61	22.50	22.40	22.44	22.45	23.50
		MID	QPSK	22.67	22.62	22.51	22.44	22.52	23.50
		HIGH	QPSK	22.64	22.61	22.44	22.32	22.49	23.50
20	100	LOW	QPSK	22.59	22.56	22.43	22.39	22.45	23.50
		LOW	Q16	22.80	22.80	22.51	22.71	22.72	23.50
		MID	Q16	23.01	22.90	22.72	22.90	22.99	23.50
	50	HIGH	Q16	22.77	22.63	22.47	22.71	22.90	23.50
		LOW	Q16	22.57	22.48	22.46	22.47	22.55	23.50
		MID	Q16	22.67	22.63	22.53	22.51	22.58	23.50
	100	HIGH	Q16	22.62	22.59	22.46	22.43	22.56	23.50
		LOW	Q16	22.59	22.54	22.43	22.43	22.46	23.50
		MID	64QAM	22.88	22.51	22.19	22.34	22.62	23.50
20	1	HIGH	64QAM	22.76	22.61	22.33	22.55	22.43	23.50
		LOW	64QAM	22.43	22.54	22.15	22.17	22.65	23.50
		MID	64QAM	21.53	21.62	21.33	21.37	21.48	22.50
	50	HIGH	64QAM	21.70	21.61	21.48	21.55	21.70	22.50
		LOW	64QAM	21.53	21.67	21.39	21.30	21.48	22.50
		MID	64QAM	21.63	21.41	21.41	21.44	21.47	22.50
	100	LOW	64QAM	21.63	21.41	21.41	21.44	21.47	22.50
		MID	64QAM	21.63	21.41	21.41	21.44	21.47	22.50
		HIGH	64QAM	21.63	21.41	21.41	21.44	21.47	22.50

8.4 Intra-Band CA Power

8.4.1 LTE Band7 Uplink CA Output Power

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	23.42	25
21100	21298	20	QPSK	1	High	1	Low	2	23.53	25
21350	21152	20	QPSK	1	Low	1	High	2	23.41	25

LTE Uplink 2CA Band 7-ANT4 DSI 1										
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	18.28	19
21100	21298	20	QPSK	1	High	1	Low	2	18.31	19
21350	21152	20	QPSK	1	Low	1	High	2	18.27	19

LTE Uplink 2CA Band 7-ANT4 DSI 4										
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	19.55	20
21100	21298	20	QPSK	1	High	1	Low	2	19.69	20
21350	21152	20	QPSK	1	Low	1	High	2	19.66	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	23.36	25
21100	21298	20	QPSK	1	High	1	Low	2	23.45	25
21350	21152	20	QPSK	1	Low	1	High	2	23.2	25

LTE Uplink 2CA Band 7-ANT0 DSI 1										
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	23.36	25
21100	21298	20	QPSK	1	High	1	Low	2	23.45	25
21350	21152	20	QPSK	1	Low	1	High	2	23.2	25

LTE Uplink 2CA Band 7-ANT0 DSI 4										
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	19.84	21
21100	21298	20	QPSK	1	High	1	Low	2	19.96	21
21350	21152	20	QPSK	1	Low	1	High	2	19.89	21

8.4.2 LTE Band38 Uplink CA Output Power

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	24.01	25.5
38099	37901	20	QPSK	1	Low	1	High	2	24.17	25.5
38150	37952	20	QPSK	1	Low	1	High	2	23.97	25.5

LTE Uplink 2CA_Band 38-ANT4 DSI_1										
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	22.75	24
38099	37901	20	QPSK	1	Low	1	High	2	22.78	24
38150	37952	20	QPSK	1	Low	1	High	2	22.72	24

LTE Uplink 2CA_Band 38-ANT4 DSI_4										
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	22.75	24
38099	37901	20	QPSK	1	Low	1	High	2	22.78	24
38150	37952	20	QPSK	1	Low	1	High	2	22.72	24

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	23.69	25.5
38099	37901	20	QPSK	1	Low	1	High	2	23.79	25.5
38150	37952	20	QPSK	1	Low	1	High	2	23.57	25.5

LTE Uplink 2CA_Band 38-ANT0 DSI_1										
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	23.69	25.5
38099	37901	20	QPSK	1	Low	1	High	2	23.79	25.5
38150	37952	20	QPSK	1	Low	1	High	2	23.57	25.5

LTE Uplink 2CA_Band 38-ANT0 DSI_4										
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	22.46	23.5
38099	37901	20	QPSK	1	Low	1	High	2	22.43	23.5
38150	37952	20	QPSK	1	Low	1	High	2	22.39	23.5

8.4.3 LTE Band41 Uplink CA Output Power

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	23.63	24.5
40185	40383	20	QPSK	1	High	1	Low	2	23.76	24.5
40620	40818	20	QPSK	1	High	1	Low	2	23.78	24.5
41055	40857	20	QPSK	1	Low	1	High	2	23.51	24.5
41490	41292	20	QPSK	1	Low	1	High	2	23.67	24.5

LTE Uplink 2CA Band 41-ANT4 DSI 1										
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	22.05	23
40185	40383	20	QPSK	1	High	1	Low	2	22.05	23
40620	40818	20	QPSK	1	High	1	Low	2	22.02	23
41055	40857	20	QPSK	1	Low	1	High	2	22.07	23
41490	41292	20	QPSK	1	Low	1	High	2	22.06	23

LTE Uplink 2CA Band 41-ANT4 DSI 4										
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	21.65	22
40185	40383	20	QPSK	1	High	1	Low	2	21.77	22
40620	40818	20	QPSK	1	High	1	Low	2	21.63	22
41055	40857	20	QPSK	1	Low	1	High	2	21.5	22
41490	41292	20	QPSK	1	Low	1	High	2	21.78	22

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	24.64	25.5
40185	40383	20	QPSK	1	High	1	Low	2	24.48	25.5
40620	40818	20	QPSK	1	High	1	Low	2	24.57	25.5
41055	40857	20	QPSK	1	Low	1	High	2	24.39	25.5
41490	41292	20	QPSK	1	Low	1	High	2	24.39	25.5

LTE Uplink 2CA Band 41-ANT0 DSI 1										
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	24.64	25.5
40185	40383	20	QPSK	1	High	1	Low	2	24.48	25.5
40620	40818	20	QPSK	1	High	1	Low	2	24.57	25.5
41055	40857	20	QPSK	1	Low	1	High	2	24.39	25.5
41490	41292	20	QPSK	1	Low	1	High	2	24.39	25.5

LTE Uplink 2CA Band 41-ANT0 DSI 4										
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	22.57	23.5
40185	40383	20	QPSK	1	High	1	Low	2	22.71	23.5
40620	40818	20	QPSK	1	High	1	Low	2	22.59	23.5
41055	40857	20	QPSK	1	Low	1	High	2	22.49	23.5
41490	41292	20	QPSK	1	Low	1	High	2	22.41	23.5