

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

GSM-Full Power-Ant.4								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.78	32.72	32.57	33.50	23.59	23.53	23.38	24.31
GPRS (GMSK, 1-Slot)	32.76	32.71	32.56	33.50	23.57	23.52	23.37	24.31
GPRS (GMSK, 2-Slots)	32.06	32.01	31.84	32.50	25.93	25.88	25.71	26.37
GPRS (GMSK, 3-Slots)	30.31	30.23	30.02	30.50	25.89	25.81	25.60	26.08
GPRS (GMSK, 4-Slots)	29.17	29.09	28.85	29.50	25.99	25.91	25.67	26.32
EGPRS (8PSK, 1-Slot)	26.31	26.43	26.50	28.00	17.12	17.24	17.31	18.81
EGPRS (8PSK, 2-Slots)	25.20	25.40	25.29	26.50	19.07	19.27	19.16	20.37
EGPRS (8PSK, 3-Slots)	23.28	23.41	23.29	24.50	18.86	18.99	18.87	20.08
EGPRS (8PSK, 4-Slots)	22.17	22.68	22.18	23.50	18.99	19.50	19.00	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.11	29.14	29.09	30.50	19.64	19.67	19.58	21.31
GPRS (GMSK, 1-Slot)	29.10	29.13	29.08	30.50	19.63	19.64	19.56	21.31
GPRS (GMSK, 2-Slots)	28.24	28.27	28.21	29.50	21.84	21.87	21.76	23.37
GPRS (GMSK, 3-Slots)	26.39	26.37	26.29	27.50	21.71	21.69	21.57	23.08
GPRS (GMSK, 4-Slots)	25.22	25.20	25.13	26.50	21.78	21.76	21.65	23.32
EGPRS (8PSK, 1-Slot)	24.50	24.63	24.50	26.50	14.70	15.01	14.85	17.31
EGPRS (8PSK, 2-Slots)	23.50	23.56	23.61	25.50	16.82	17.03	16.93	19.37
EGPRS (8PSK, 3-Slots)	21.54	21.68	21.60	23.50	16.62	16.66	16.57	19.08
EGPRS (8PSK, 4-Slots)	20.53	20.65	21.05	22.50	16.87	17.25	16.82	19.32

GSM-DSI 1-Ant.4								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	30.48	30.49	30.30	30.50	20.67	20.61	20.43	21.31
GPRS (GMSK, 1-Slot)	30.42	30.49	30.29	30.50	20.66	20.59	20.41	21.31
GPRS (GMSK, 2-Slots)	27.36	27.26	27.04	27.50	20.60	20.53	20.28	20.37
GPRS (GMSK, 3-Slots)	25.29	25.22	24.95	25.70	20.26	20.15	19.96	18.28
GPRS (GMSK, 4-Slots)	24.28	24.18	23.98	24.50	20.48	20.37	20.17	17.32
EGPRS (8PSK, 1-Slot)	24.74	24.81	24.80	25.00	13.88	14.05	14.97	15.81
EGPRS (8PSK, 2-Slots)	21.67	21.79	21.61	22.00	13.78	14.00	13.92	14.37
EGPRS (8PSK, 3-Slots)	19.54	20.05	19.52	20.20	13.38	13.96	13.36	12.28
EGPRS (8PSK, 4-Slots)	18.30	18.52	18.36	19.00	13.57	13.61	13.58	11.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	22.45	22.46	22.34	24.00	13.13	13.16	13.06	14.81
GPRS (GMSK, 1-Slot)	22.43	22.45	22.33	24.00	13.14	13.17	13.06	14.81
GPRS (GMSK, 2-Slots)	19.36	19.28	19.18	21.00	13.13	13.08	12.97	13.87
GPRS (GMSK, 3-Slots)	17.33	17.30	17.31	19.20	12.82	12.80	12.65	11.78
GPRS (GMSK, 4-Slots)	16.35	16.29	16.11	18.00	13.08	13.04	12.86	10.82
EGPRS (8PSK, 1-Slot)	18.11	18.12	18.12	20.00	7.98	8.13	8.21	10.81
EGPRS (8PSK, 2-Slots)	15.07	15.18	15.03	17.00	7.95	7.97	7.95	9.87
EGPRS (8PSK, 3-Slots)	13.30	13.46	13.24	15.20	8.17	7.63	7.43	7.78
EGPRS (8PSK, 4-Slots)	12.15	12.36	12.21	14.00	7.64	7.77	7.67	6.82

GSM-DSI 3-Ant.4								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.78	32.72	32.57	33.50	23.59	23.53	23.38	24.31
GPRS (GMSK, 1-Slot)	32.76	32.71	32.56	33.50	23.57	23.52	23.37	24.31
GPRS (GMSK, 2-Slots)	32.06	32.01	31.84	32.50	25.93	25.88	25.71	26.37
GPRS (GMSK, 3-Slots)	30.31	30.23	30.02	30.50	25.89	25.81	25.60	26.08
GPRS (GMSK, 4-Slots)	29.17	29.09	28.85	29.50	25.99	25.91	25.67	26.32
EGPRS (8PSK, 1-Slot)	26.31	26.43	26.50	28.00	17.12	17.24	17.31	18.81
EGPRS (8PSK, 2-Slots)	25.20	25.40	25.29	26.50	19.07	19.27	19.16	20.37
EGPRS (8PSK, 3-Slots)	23.28	23.41	23.29	24.50	18.86	18.99	18.87	20.08
EGPRS (8PSK, 4-Slots)	22.17	22.68	22.18	23.50	18.99	19.50	19.00	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.11	29.14	29.09	30.50	19.64	19.67	19.58	21.31
GPRS (GMSK, 1-Slot)	29.10	29.13	29.08	30.50	19.63	19.64	19.56	21.31
GPRS (GMSK, 2-Slots)	28.24	28.27	28.21	29.50	21.84	21.87	21.76	23.37
GPRS (GMSK, 3-Slots)	26.39	26.37	26.29	27.50	21.71	21.69	21.57	23.08
GPRS (GMSK, 4-Slots)	25.22	25.20	25.13	26.50	21.78	21.76	21.65	23.32
EGPRS (8PSK, 1-Slot)	24.50	24.63	24.50	26.50	14.70	15.01	14.85	17.31
EGPRS (8PSK, 2-Slots)	23.50	23.56	23.61	25.50	16.82	17.03	16.93	19.37
EGPRS (8PSK, 3-Slots)	21.54	21.68	21.60	23.50	16.62	16.66	16.57	19.08
EGPRS (8PSK, 4-Slots)	20.53	20.65	21.05	22.50	16.87	17.25	16.82	19.32

GSM-DSI 4-Ant.4								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	31.06	31.00	30.80	31.50	20.67	20.61	20.43	21.31
GPRS (GMSK, 1-Slot)	31.06	30.98	30.79	31.50	20.66	20.59	20.41	21.31
GPRS (GMSK, 2-Slots)	27.86	27.76	27.54	28.50	20.60	20.53	20.28	20.37
GPRS (GMSK, 3-Slots)	25.79	25.72	25.45	26.70	20.26	20.15	19.96	18.28
GPRS (GMSK, 4-Slots)	24.79	24.67	24.48	25.50	20.48	20.37	20.17	17.32
EGPRS (8PSK, 1-Slot)	25.82	25.38	25.24	26.00	13.88	14.05	14.97	15.81
EGPRS (8PSK, 2-Slots)	22.11	22.27	22.11	23.00	13.78	14.00	13.92	14.37
EGPRS (8PSK, 3-Slots)	20.75	20.18	20.03	21.20	13.38	13.96	13.36	12.28
EGPRS (8PSK, 4-Slots)	18.83	19.56	18.93	20.00	13.57	13.61	13.58	11.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	24.46	24.50	24.42	26.00	13.13	13.16	13.06	14.81
GPRS (GMSK, 1-Slot)	24.46	24.48	24.40	26.00	13.14	13.17	13.06	14.81
GPRS (GMSK, 2-Slots)	21.37	21.30	21.19	23.00	13.13	13.08	12.97	13.87
GPRS (GMSK, 3-Slots)	19.31	19.23	19.51	21.20	12.82	12.80	12.65	11.78
GPRS (GMSK, 4-Slots)	18.33	18.28	18.14	20.00	13.08	13.04	12.86	10.82
EGPRS (8PSK, 1-Slot)	20.07	20.04	20.09	22.00	7.98	8.13	8.21	10.81
EGPRS (8PSK, 2-Slots)	17.06	17.18	17.15	19.00	7.95	7.97	7.95	9.87
EGPRS (8PSK, 3-Slots)	15.23	15.25	15.27	17.20	8.17	7.63	7.43	7.78
EGPRS (8PSK, 4-Slots)	14.05	14.11	14.03	16.00	7.64	7.77	7.67	6.82

GSM-Full Power-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.81	32.79	32.67	33.50	23.62	23.60	23.48	24.31
GPRS (GMSK, 1-Slot)	32.80	32.77	32.64	33.50	23.61	23.58	23.45	24.31
GPRS (GMSK, 2-Slots)	32.02	31.96	31.81	32.50	25.89	25.83	25.68	26.37
GPRS (GMSK, 3-Slots)	30.08	29.98	29.78	30.50	25.66	25.56	25.36	26.08
GPRS (GMSK, 4-Slots)	28.89	28.79	28.57	29.50	25.71	25.61	25.39	26.32
EGPRS (8PSK, 1-Slot)	26.29	26.36	26.19	28.00	17.10	17.17	17.00	18.81
EGPRS (8PSK, 2-Slots)	24.94	25.07	25.05	26.50	18.81	18.94	18.92	20.37
EGPRS (8PSK, 3-Slots)	22.99	23.42	22.85	24.50	18.57	19.00	18.43	20.08
EGPRS (8PSK, 4-Slots)	21.93	21.93	22.06	23.50	18.75	18.75	18.88	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.25	29.28	29.31	30.5	20.00	19.98	19.96	21.31
GPRS (GMSK, 1-Slot)	29.23	29.26	29.28	30.5	19.96	19.93	19.90	21.31
GPRS (GMSK, 2-Slots)	28.39	28.41	28.42	29.5	22.15	22.12	22.08	23.37
GPRS (GMSK, 3-Slots)	26.54	26.51	26.51	27.5	22.00	21.93	21.88	23.08
GPRS (GMSK, 4-Slots)	25.36	25.35	25.36	26.5	22.07	22.00	21.97	23.32
EGPRS (8PSK, 1-Slot)	24.55	24.52	24.58	26.5	14.91	14.99	15.06	17.31
EGPRS (8PSK, 2-Slots)	23.55	23.56	23.57	25.5	16.92	17.05	17.02	19.37
EGPRS (8PSK, 3-Slots)	21.53	21.63	21.57	23.5	17.21	16.83	16.75	19.08
EGPRS (8PSK, 4-Slots)	20.52	20.61	20.64	22.5	16.99	17.09	17.02	19.32

GSM-DSI 1-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.81	32.79	32.67	33.50	23.62	23.60	23.48	24.31
GPRS (GMSK, 1-Slot)	32.80	32.77	32.64	33.50	23.61	23.58	23.45	24.31
GPRS (GMSK, 2-Slots)	32.02	31.96	31.81	32.50	25.89	25.83	25.68	26.37
GPRS (GMSK, 3-Slots)	30.08	29.98	29.78	30.50	25.66	25.56	25.36	26.08
GPRS (GMSK, 4-Slots)	28.89	28.79	28.57	29.50	25.71	25.61	25.39	26.32
EGPRS (8PSK, 1-Slot)	26.29	26.36	26.19	28.00	17.10	17.17	17.00	18.81
EGPRS (8PSK, 2-Slots)	24.94	25.07	25.05	26.50	18.81	18.94	18.92	20.37
EGPRS (8PSK, 3-Slots)	22.99	23.42	22.85	24.50	18.57	19.00	18.43	20.08
EGPRS (8PSK, 4-Slots)	21.93	21.93	22.06	23.50	18.75	18.75	18.88	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.25	29.28	29.31	30.50	20.00	19.98	19.96	21.31
GPRS (GMSK, 1-Slot)	29.23	29.26	29.28	30.50	19.96	19.93	19.90	21.31
GPRS (GMSK, 2-Slots)	28.39	28.41	28.42	29.50	22.15	22.12	22.08	23.37
GPRS (GMSK, 3-Slots)	26.54	26.51	26.51	27.50	22.00	21.93	21.88	23.08
GPRS (GMSK, 4-Slots)	25.36	25.35	25.36	26.50	22.07	22.00	21.97	23.32
EGPRS (8PSK, 1-Slot)	24.55	24.52	24.58	26.50	14.91	14.99	15.06	17.31
EGPRS (8PSK, 2-Slots)	23.55	23.56	23.57	25.50	16.92	17.05	17.02	19.37
EGPRS (8PSK, 3-Slots)	21.53	21.63	21.57	23.50	17.21	16.83	16.75	19.08
EGPRS (8PSK, 4-Slots)	20.52	20.61	20.64	22.50	16.99	17.09	17.02	19.32

GSM-DSI 3-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.81	32.79	32.67	33.50	23.62	23.60	23.48	24.31
GPRS (GMSK, 1-Slot)	32.80	32.77	32.64	33.50	23.61	23.58	23.45	24.31
GPRS (GMSK, 2-Slots)	32.02	31.96	31.81	32.50	25.89	25.83	25.68	26.37
GPRS (GMSK, 3-Slots)	30.08	29.98	29.78	30.50	25.66	25.56	25.36	26.08
GPRS (GMSK, 4-Slots)	28.89	28.79	28.57	29.50	25.71	25.61	25.39	26.32
EGPRS (8PSK, 1-Slot)	26.29	26.36	26.19	28.00	17.10	17.17	17.00	18.81
EGPRS (8PSK, 2-Slots)	24.94	25.07	25.05	26.50	18.81	18.94	18.92	20.37
EGPRS (8PSK, 3-Slots)	22.99	23.42	22.85	24.50	18.57	19.00	18.43	20.08
EGPRS (8PSK, 4-Slots)	21.93	21.93	22.06	23.50	18.75	18.75	18.88	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	24.08	24.08	24.09	25.50	14.95	14.96	14.96	16.31
GPRS (GMSK, 1-Slot)	24.06	24.07	24.08	25.50	14.97	14.96	14.96	16.31
GPRS (GMSK, 2-Slots)	21.01	20.94	20.91	22.50	14.98	14.89	14.86	15.37
GPRS (GMSK, 3-Slots)	18.96	18.92	18.89	20.70	14.63	14.58	14.55	13.28
GPRS (GMSK, 4-Slots)	17.95	17.89	17.83	19.50	14.87	14.79	14.73	12.32
EGPRS (8PSK, 1-Slot)	19.53	19.55	19.51	21.50	9.87	9.91	9.68	12.31
EGPRS (8PSK, 2-Slots)	16.50	16.56	16.54	18.50	10.09	10.61	9.72	11.37
EGPRS (8PSK, 3-Slots)	14.78	14.73	14.72	16.70	9.16	9.21	9.14	9.28
EGPRS (8PSK, 4-Slots)	13.50	13.58	13.50	15.50	9.24	9.38	9.36	8.32

GSM-DSI 4-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.81	32.79	32.67	33.50	23.62	23.60	23.48	24.31
GPRS (GMSK, 1-Slot)	32.80	32.77	32.64	33.50	23.61	23.58	23.45	24.31
GPRS (GMSK, 2-Slots)	32.02	31.96	31.81	32.50	25.89	25.83	25.68	26.37
GPRS (GMSK, 3-Slots)	30.08	29.98	29.78	30.50	25.66	25.56	25.36	26.08
GPRS (GMSK, 4-Slots)	28.89	28.79	28.57	29.50	25.71	25.61	25.39	26.32
EGPRS (8PSK, 1-Slot)	26.29	26.36	26.19	28.00	17.10	17.17	17.00	18.81
EGPRS (8PSK, 2-Slots)	24.94	25.07	25.05	26.50	18.81	18.94	18.92	20.37
EGPRS (8PSK, 3-Slots)	22.99	23.42	22.85	24.50	18.57	19.00	18.43	20.08
EGPRS (8PSK, 4-Slots)	21.93	21.93	22.06	23.50	18.75	18.75	18.88	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	24.08	24.08	24.09	25.50	14.95	14.96	14.96	16.31
GPRS (GMSK, 1-Slot)	24.06	24.07	24.08	25.50	14.97	14.96	14.96	16.31
GPRS (GMSK, 2-Slots)	21.01	20.94	20.91	22.50	14.98	14.89	14.86	15.37
GPRS (GMSK, 3-Slots)	18.96	18.92	18.89	20.70	14.63	14.58	14.55	13.28
GPRS (GMSK, 4-Slots)	17.95	17.89	17.83	19.50	14.87	14.79	14.73	12.32
EGPRS (8PSK, 1-Slot)	19.53	19.55	19.51	21.50	9.87	9.91	9.68	12.31
EGPRS (8PSK, 2-Slots)	16.50	16.56	16.54	18.50	10.09	10.61	9.72	11.37
EGPRS (8PSK, 3-Slots)	14.78	14.73	14.72	16.70	9.16	9.21	9.14	9.28
EGPRS (8PSK, 4-Slots)	13.50	13.58	13.50	15.50	9.24	9.38	9.36	8.32

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.15	24.16	24.18	25.00
RMC 12.2Kbps	24.26	24.31	24.29	25.00
HSDPA Subtest-1	23.23	23.34	23.28	24.50
HSDPA Subtest-2	23.49	23.29	23.23	24.50
HSDPA Subtest-3	22.87	22.82	22.71	24.00
HSDPA Subtest-4	22.81	22.78	22.97	24.00
DC-HSDPA Subtest-1	23.15	23.51	23.39	24.50
DC-HSDPA Subtest-2	23.61	23.22	23.35	24.00
DC-HSDPA Subtest-3	22.91	22.99	22.64	24.00
DC-HSDPA Subtest-4	22.81	22.90	22.90	23.50
HSUPA Subtest-1	20.97	21.05	21.11	22.50
HSUPA Subtest-2	21.14	21.30	21.25	22.00
HSUPA Subtest-3	22.16	22.31	22.31	23.50
HSUPA Subtest-4	20.84	20.83	20.69	22.00
HSUPA Subtest-5	22.23	22.30	22.43	22.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.30	24.22	24.30	25.00
RMC 12.2Kbps	24.32	24.35	24.33	25.00
HSDPA Subtest-1	23.33	23.30	23.42	24.50
HSDPA Subtest-2	23.36	23.30	23.10	24.50
HSDPA Subtest-3	22.94	22.81	22.69	24.00
HSDPA Subtest-4	22.75	22.75	22.80	24.00
DC-HSDPA Subtest-1	23.24	23.21	23.39	24.00
DC-HSDPA Subtest-2	23.43	23.30	23.15	24.00
DC-HSDPA Subtest-3	22.83	22.71	22.66	23.50
DC-HSDPA Subtest-4	22.67	22.59	22.76	23.50
HSUPA Subtest-1	21.14	21.06	20.99	22.50
HSUPA Subtest-2	21.49	21.30	21.23	22.00
HSUPA Subtest-3	22.14	22.24	22.06	23.50
HSUPA Subtest-4	20.63	20.72	20.75	22.00
HSUPA Subtest-5	22.15	22.20	22.06	22.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.88	24.07	24.09	25.50
RMC 12.2Kbps	23.92	24.12	24.11	25.50
HSDPA Subtest-1	23.00	23.06	23.11	25.00
HSDPA Subtest-2	23.01	23.06	23.12	25.00
HSDPA Subtest-3	22.74	22.54	22.56	24.50
HSDPA Subtest-4	22.80	22.61	22.51	24.50
DC-HSDPA Subtest-1	23.06	23.03	22.93	24.00
DC-HSDPA Subtest-2	22.83	23.18	23.28	24.00
DC-HSDPA Subtest-3	22.67	22.72	22.60	23.50
DC-HSDPA Subtest-4	22.96	22.81	22.35	23.50
HSUPA Subtest-1	20.74	20.76	20.88	22.50
HSUPA Subtest-2	21.09	21.14	20.96	22.00
HSUPA Subtest-3	21.93	22.03	21.95	23.50
HSUPA Subtest-4	20.74	20.63	20.44	22.00
HSUPA Subtest-5	22.27	22.10	21.90	22.50

WCDMA-Power DSI1-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	17.38	17.45	17.43	18.00
RMC 12.2Kbps	17.44	17.54	17.53	18.00
HSDPA Subtest-1	16.67	16.50	16.51	17.50
HSDPA Subtest-2	16.66	16.59	16.48	17.50
HSDPA Subtest-3	16.07	16.09	16.06	17.00
HSDPA Subtest-4	16.22	16.10	16.25	17.00
DC-HSDPA Subtest-1	16.86	16.60	16.66	17.50
DC-HSDPA Subtest-2	16.73	16.61	16.48	17.00
DC-HSDPA Subtest-3	15.89	16.12	16.20	17.00
DC-HSDPA Subtest-4	16.05	16.14	16.37	16.50
HSUPA Subtest-1	14.33	14.32	14.35	15.50
HSUPA Subtest-2	14.68	14.55	14.59	15.00
HSUPA Subtest-3	15.46	15.55	15.70	16.50
HSUPA Subtest-4	14.06	14.06	14.09	15.00
HSUPA Subtest-5	15.36	15.50	15.42	15.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.41	19.46	19.46	21.00
RMC 12.2Kbps	19.53	19.55	19.53	21.00
HSDPA Subtest-1	19.44	19.48	19.32	20.50
HSDPA Subtest-2	19.54	19.46	19.33	20.50
HSDPA Subtest-3	18.93	18.96	18.99	20.00
HSDPA Subtest-4	19.06	18.99	18.87	20.00
DC-HSDPA Subtest-1	19.59	19.48	19.36	20.00
DC-HSDPA Subtest-2	19.51	19.47	19.24	20.00
DC-HSDPA Subtest-3	19.11	18.97	19.11	19.50
DC-HSDPA Subtest-4	19.06	18.85	18.99	19.50
HSUPA Subtest-1	17.15	17.23	17.29	18.50
HSUPA Subtest-2	17.54	17.49	17.42	18.00
HSUPA Subtest-3	18.66	18.47	18.55	19.50
HSUPA Subtest-4	17.11	17.01	16.82	18.00
HSUPA Subtest-5	18.50	18.50	18.42	18.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	20.13	20.18	20.16	21.50
RMC 12.2Kbps	20.19	20.29	20.20	21.50
HSDPA Subtest-1	19.18	19.07	19.10	21.00
HSDPA Subtest-2	19.20	19.20	19.32	21.00
HSDPA Subtest-3	18.78	18.72	18.59	20.50
HSDPA Subtest-4	18.62	18.62	18.56	20.50
DC-HSDPA Subtest-1	19.24	19.26	19.28	20.00
DC-HSDPA Subtest-2	19.13	19.01	19.32	20.00
DC-HSDPA Subtest-3	18.87	18.65	18.46	19.50
DC-HSDPA Subtest-4	18.48	18.61	18.68	19.50
HSUPA Subtest-1	16.97	16.96	17.14	18.50
HSUPA Subtest-2	17.04	17.22	17.36	18.00
HSUPA Subtest-3	18.30	18.12	18.18	19.50
HSUPA Subtest-4	16.73	16.76	16.90	18.00
HSUPA Subtest-5	18.25	18.17	18.26	18.50

WCDMA-Power DSI3-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.15	24.16	24.18	25.00
RMC 12.2Kbps	24.26	24.31	24.29	25.00
HSDPA Subtest-1	23.23	23.34	23.28	24.50
HSDPA Subtest-2	23.49	23.29	23.23	24.50
HSDPA Subtest-3	22.87	22.82	22.71	24.00
HSDPA Subtest-4	22.81	22.78	22.97	24.00
DC-HSDPA Subtest-1	23.15	23.51	23.39	24.50
DC-HSDPA Subtest-2	23.61	23.22	23.35	24.00
DC-HSDPA Subtest-3	22.91	22.99	22.64	24.00
DC-HSDPA Subtest-4	22.81	22.90	22.90	23.50
HSUPA Subtest-1	20.97	21.05	21.11	22.50
HSUPA Subtest-2	21.14	21.30	21.25	22.00
HSUPA Subtest-3	22.16	22.31	22.31	23.50
HSUPA Subtest-4	20.84	20.83	20.69	22.00
HSUPA Subtest-5	22.23	22.30	22.43	22.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.34	23.42	23.36	24.00
RMC 12.2Kbps	23.47	23.44	23.51	24.00
HSDPA Subtest-1	22.64	22.47	22.46	23.50
HSDPA Subtest-2	22.51	22.45	22.53	23.50
HSDPA Subtest-3	22.05	21.92	22.00	23.00
HSDPA Subtest-4	22.09	21.99	22.03	23.00
DC-HSDPA Subtest-1	22.59	22.52	22.33	23.00
DC-HSDPA Subtest-2	22.56	22.28	22.73	23.00
DC-HSDPA Subtest-3	21.86	21.76	22.20	22.50
DC-HSDPA Subtest-4	22.28	22.09	22.22	22.50
HSUPA Subtest-1	20.06	20.22	20.36	21.50
HSUPA Subtest-2	20.57	20.46	20.64	21.00
HSUPA Subtest-3	21.56	21.48	21.52	22.50
HSUPA Subtest-4	20.15	20.00	19.89	21.00
HSUPA Subtest-5	21.46	21.48	21.32	21.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.88	24.07	24.09	25.50
RMC 12.2Kbps	23.92	24.12	24.11	25.50
HSDPA Subtest-1	23.00	23.06	23.11	25.00
HSDPA Subtest-2	23.01	23.06	23.12	25.00
HSDPA Subtest-3	22.74	22.54	22.56	24.50
HSDPA Subtest-4	22.80	22.61	22.51	24.50
DC-HSDPA Subtest-1	23.06	23.03	22.93	24.00
DC-HSDPA Subtest-2	22.83	23.18	23.28	24.00
DC-HSDPA Subtest-3	22.67	22.72	22.60	23.50
DC-HSDPA Subtest-4	22.96	22.81	22.35	23.50
HSUPA Subtest-1	20.74	20.76	20.88	22.50
HSUPA Subtest-2	21.09	21.14	20.96	22.00
HSUPA Subtest-3	21.93	22.03	21.95	23.50
HSUPA Subtest-4	20.74	20.63	20.44	22.00
HSUPA Subtest-5	22.27	22.10	21.90	22.50

WCDMA-Power DSI4-Ant.4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.42	19.46	19.42	20.00
RMC 12.2Kbps	19.50	19.56	19.55	20.00
HSDPA Subtest-1	18.62	18.56	18.76	19.50
HSDPA Subtest-2	18.67	18.52	18.32	19.50
HSDPA Subtest-3	18.22	18.07	17.95	19.00
HSDPA Subtest-4	18.22	18.04	18.20	19.00
DC-HSDPA Subtest-1	18.63	18.72	18.57	19.50
DC-HSDPA Subtest-2	18.55	18.55	18.45	19.00
DC-HSDPA Subtest-3	18.30	18.02	17.81	19.00
DC-HSDPA Subtest-4	18.22	17.84	18.17	18.50
HSUPA Subtest-1	16.20	16.28	16.30	17.50
HSUPA Subtest-2	16.54	16.55	16.53	17.00
HSUPA Subtest-3	17.65	17.58	17.38	18.50
HSUPA Subtest-4	16.19	16.08	16.23	17.00
HSUPA Subtest-5	17.42	17.48	17.46	17.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.51	19.42	19.42	20.00
RMC 12.2Kbps	19.53	19.55	19.53	20.00
HSDPA Subtest-1	18.37	18.53	18.71	19.50
HSDPA Subtest-2	18.63	18.59	18.68	19.50
HSDPA Subtest-3	18.10	18.08	18.19	19.00
HSDPA Subtest-4	17.92	18.06	18.19	19.00
DC-HSDPA Subtest-1	18.24	18.52	18.88	19.00
DC-HSDPA Subtest-2	18.47	18.70	18.80	19.00
DC-HSDPA Subtest-3	17.95	18.00	17.99	18.50
DC-HSDPA Subtest-4	18.07	18.04	18.03	18.50
HSUPA Subtest-1	16.09	16.24	16.22	17.50
HSUPA Subtest-2	16.57	16.51	16.70	17.00
HSUPA Subtest-3	17.34	17.49	17.35	18.50
HSUPA Subtest-4	16.02	16.03	15.91	17.00
HSUPA Subtest-5	17.48	17.49	17.40	17.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.04	23.04	23.26	24.50
RMC 12.2Kbps	23.18	23.29	23.17	24.50
HSDPA Subtest-1	22.34	22.22	22.06	24.00
HSDPA Subtest-2	22.27	22.24	22.19	24.00
HSDPA Subtest-3	21.83	21.75	21.74	23.50
HSDPA Subtest-4	21.74	21.73	21.92	23.50
DC-HSDPA Subtest-1	22.48	22.22	22.18	23.00
DC-HSDPA Subtest-2	22.24	22.28	22.15	23.00
DC-HSDPA Subtest-3	21.69	21.64	21.77	22.50
DC-HSDPA Subtest-4	21.65	21.84	21.99	22.50
HSUPA Subtest-1	20.13	19.99	19.91	21.50
HSUPA Subtest-2	20.36	20.20	20.16	21.00
HSUPA Subtest-3	21.23	21.25	21.06	22.50
HSUPA Subtest-4	19.65	19.79	19.89	21.00
HSUPA Subtest-5	21.32	21.12	21.19	21.50

WCDMA-Full Power-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.21	24.29	24.24	25.00
RMC 12.2Kbps	24.38	24.31	24.34	25.00
HSDPA Subtest-1	23.47	23.40	23.57	24.50
HSDPA Subtest-2	23.47	23.33	23.46	24.50
HSDPA Subtest-3	22.71	22.87	23.04	24.00
HSDPA Subtest-4	22.78	22.88	22.98	24.00
DC-HSDPA Subtest-1	23.62	23.30	23.52	24.50
DC-HSDPA Subtest-2	23.49	23.39	23.61	24.00
DC-HSDPA Subtest-3	22.65	22.74	23.08	24.00
DC-HSDPA Subtest-4	22.63	22.88	23.06	23.50
HSUPA Subtest-1	21.20	21.15	21.03	22.50
HSUPA Subtest-2	21.21	21.37	21.53	22.00
HSUPA Subtest-3	22.52	22.39	22.29	23.50
HSUPA Subtest-4	21.01	20.89	21.02	22.00
HSUPA Subtest-5	22.34	22.38	22.30	22.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.40	24.27	24.40	25.00
RMC 12.2Kbps	24.42	24.43	24.40	25.00
HSDPA Subtest-1	23.40	23.37	23.49	24.50
HSDPA Subtest-2	23.24	23.37	23.47	24.50
HSDPA Subtest-3	22.86	22.86	22.92	24.00
HSDPA Subtest-4	22.96	22.84	22.66	24.00
DC-HSDPA Subtest-1	23.59	23.49	23.57	24.00
DC-HSDPA Subtest-2	23.42	23.43	23.42	24.00
DC-HSDPA Subtest-3	23.00	22.95	22.79	23.50
DC-HSDPA Subtest-4	23.09	23.01	22.48	23.50
HSUPA Subtest-1	21.18	21.13	21.11	22.50
HSUPA Subtest-2	21.52	21.39	21.59	22.00
HSUPA Subtest-3	22.57	22.38	22.27	23.50
HSUPA Subtest-4	20.91	20.87	20.70	22.00
HSUPA Subtest-5	22.39	22.35	22.18	22.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.26	24.28	24.37	25.50
RMC 12.2Kbps	24.41	24.49	24.43	25.50
HSDPA Subtest-1	23.25	23.29	23.35	25.00
HSDPA Subtest-2	23.60	23.46	23.54	25.00
HSDPA Subtest-3	23.08	23.03	23.19	24.50
HSDPA Subtest-4	22.92	22.89	23.02	24.50
DC-HSDPA Subtest-1	23.16	23.31	23.40	24.00
DC-HSDPA Subtest-2	23.72	23.36	23.66	24.00
DC-HSDPA Subtest-3	23.16	22.93	23.20	23.50
DC-HSDPA Subtest-4	23.11	22.94	22.86	23.50
HSUPA Subtest-1	21.19	21.23	21.17	22.50
HSUPA Subtest-2	21.33	21.47	21.42	22.00
HSUPA Subtest-3	22.41	22.51	22.61	23.50
HSUPA Subtest-4	21.08	20.91	21.02	22.00
HSUPA Subtest-5	22.32	22.43	22.48	22.50

WCDMA-DS1 1-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.21	24.29	24.24	25.00
RMC 12.2Kbps	24.38	24.31	24.34	25.00
HSDPA Subtest-1	23.47	23.40	23.57	24.50
HSDPA Subtest-2	23.47	23.33	23.46	24.50
HSDPA Subtest-3	22.71	22.87	23.04	24.00
HSDPA Subtest-4	22.78	22.88	22.98	24.00
DC-HSDPA Subtest-1	23.62	23.30	23.52	24.50
DC-HSDPA Subtest-2	23.49	23.39	23.61	24.00
DC-HSDPA Subtest-3	22.65	22.74	23.08	24.00
DC-HSDPA Subtest-4	22.63	22.88	23.06	23.50
HSUPA Subtest-1	21.20	21.15	21.03	22.50
HSUPA Subtest-2	21.21	21.37	21.53	22.00
HSUPA Subtest-3	22.52	22.39	22.29	23.50
HSUPA Subtest-4	21.01	20.89	21.02	22.00
HSUPA Subtest-5	22.34	22.38	22.30	22.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.40	24.27	24.40	25.00
RMC 12.2Kbps	24.42	24.43	24.40	25.00
HSDPA Subtest-1	23.40	23.37	23.49	24.50
HSDPA Subtest-2	23.24	23.37	23.47	24.50
HSDPA Subtest-3	22.86	22.86	22.92	24.00
HSDPA Subtest-4	22.96	22.84	22.66	24.00
DC-HSDPA Subtest-1	23.59	23.49	23.57	24.00
DC-HSDPA Subtest-2	23.42	23.43	23.42	24.00
DC-HSDPA Subtest-3	23.00	22.95	22.79	23.50
DC-HSDPA Subtest-4	23.09	23.01	22.48	23.50
HSUPA Subtest-1	21.18	21.13	21.11	22.50
HSUPA Subtest-2	21.52	21.39	21.59	22.00
HSUPA Subtest-3	22.57	22.38	22.27	23.50
HSUPA Subtest-4	20.91	20.87	20.70	22.00
HSUPA Subtest-5	22.39	22.35	22.18	22.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.26	24.28	24.37	25.50
RMC 12.2Kbps	24.41	24.49	24.43	25.50
HSDPA Subtest-1	23.25	23.29	23.35	25.00
HSDPA Subtest-2	23.60	23.46	23.54	25.00
HSDPA Subtest-3	23.08	23.03	23.19	24.50
HSDPA Subtest-4	22.92	22.89	23.02	24.50
DC-HSDPA Subtest-1	23.16	23.31	23.40	24.00
DC-HSDPA Subtest-2	23.72	23.36	23.66	24.00
DC-HSDPA Subtest-3	23.16	22.93	23.20	23.50
DC-HSDPA Subtest-4	23.11	22.94	22.86	23.50
HSUPA Subtest-1	21.19	21.23	21.17	22.50
HSUPA Subtest-2	21.33	21.47	21.42	22.00
HSUPA Subtest-3	22.41	22.51	22.61	23.50
HSUPA Subtest-4	21.08	20.91	21.02	22.00
HSUPA Subtest-5	22.32	22.43	22.48	22.50

WCDMA-DSI 3-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	17.87	17.90	17.89	18.50
RMC 12.2Kbps	18.00	18.03	18.00	18.50
HSDPA Subtest-1	17.08	17.03	17.04	18.00
HSDPA Subtest-2	16.99	17.03	16.96	18.00
HSDPA Subtest-3	16.69	16.57	16.50	17.50
HSDPA Subtest-4	16.62	16.51	16.54	17.50
DC-HSDPA Subtest-1	17.10	16.86	17.18	18.00
DC-HSDPA Subtest-2	17.10	17.08	16.83	17.50
DC-HSDPA Subtest-3	16.75	16.48	16.50	17.50
DC-HSDPA Subtest-4	16.69	16.56	16.68	17.00
HSUPA Subtest-1	14.72	14.77	14.86	16.00
HSUPA Subtest-2	14.91	15.09	14.95	15.50
HSUPA Subtest-3	16.14	16.06	15.89	17.00
HSUPA Subtest-4	14.70	14.59	14.78	15.50
HSUPA Subtest-5	15.89	16.00	15.88	16.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.85	17.93	17.86	18.50
RMC 12.2Kbps	18.00	18.02	18.00	18.50
HSDPA Subtest-1	16.94	16.94	17.01	18.00
HSDPA Subtest-2	16.98	16.96	17.11	18.00
HSDPA Subtest-3	16.41	16.46	16.41	17.50
HSDPA Subtest-4	16.54	16.46	16.61	17.50
DC-HSDPA Subtest-1	17.00	16.80	16.93	17.50
DC-HSDPA Subtest-2	16.94	16.99	17.22	17.50
DC-HSDPA Subtest-3	16.42	16.61	16.46	17.00
DC-HSDPA Subtest-4	16.62	16.44	16.55	17.00
HSUPA Subtest-1	14.88	14.75	14.71	16.00
HSUPA Subtest-2	14.86	15.00	15.00	15.50
HSUPA Subtest-3	15.85	15.95	16.05	17.00
HSUPA Subtest-4	14.63	14.48	14.54	15.50
HSUPA Subtest-5	16.00	15.95	16.00	16.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.25	23.31	23.41	24.50
RMC 12.2Kbps	23.25	23.47	23.45	24.50
HSDPA Subtest-1	22.58	22.43	22.55	24.00
HSDPA Subtest-2	22.55	22.42	22.57	24.00
HSDPA Subtest-3	21.96	22.01	22.01	23.50
HSDPA Subtest-4	21.81	21.95	21.89	23.50
DC-HSDPA Subtest-1	22.51	22.58	22.67	23.00
DC-HSDPA Subtest-2	22.62	22.45	22.74	23.00
DC-HSDPA Subtest-3	22.09	21.83	22.03	22.50
DC-HSDPA Subtest-4	21.79	21.96	21.85	22.50
HSUPA Subtest-1	20.15	20.08	20.04	21.50
HSUPA Subtest-2	20.33	20.36	20.47	21.00
HSUPA Subtest-3	21.53	21.48	21.57	22.50
HSUPA Subtest-4	19.80	19.89	19.96	21.00
HSUPA Subtest-5	21.50	21.32	21.41	21.50

WCDMA-DSI 4-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	17.87	17.90	17.89	18.50
RMC 12.2Kbps	18.00	18.03	18.00	18.50
HSDPA Subtest-1	17.08	17.03	17.04	18.00
HSDPA Subtest-2	16.99	17.03	16.96	18.00
HSDPA Subtest-3	16.69	16.57	16.50	17.50
HSDPA Subtest-4	16.62	16.51	16.54	17.50
DC-HSDPA Subtest-1	17.10	16.86	17.18	18.00
DC-HSDPA Subtest-2	17.10	17.08	16.83	17.50
DC-HSDPA Subtest-3	16.75	16.48	16.50	17.50
DC-HSDPA Subtest-4	16.69	16.56	16.68	17.00
HSUPA Subtest-1	14.72	14.77	14.86	16.00
HSUPA Subtest-2	14.91	15.09	14.95	15.50
HSUPA Subtest-3	16.14	16.06	15.89	17.00
HSUPA Subtest-4	14.70	14.59	14.78	15.50
HSUPA Subtest-5	15.89	16.00	15.88	16.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.85	17.93	17.86	18.50
RMC 12.2Kbps	18.00	18.02	18.00	18.50
HSDPA Subtest-1	16.94	16.94	17.01	18.00
HSDPA Subtest-2	16.98	16.96	17.11	18.00
HSDPA Subtest-3	16.41	16.46	16.41	17.50
HSDPA Subtest-4	16.54	16.46	16.61	17.50
DC-HSDPA Subtest-1	17.00	16.80	16.93	17.50
DC-HSDPA Subtest-2	16.94	16.99	17.22	17.50
DC-HSDPA Subtest-3	16.42	16.61	16.46	17.00
DC-HSDPA Subtest-4	16.62	16.44	16.55	17.00
HSUPA Subtest-1	14.88	14.75	14.71	16.00
HSUPA Subtest-2	14.86	15.00	15.00	15.50
HSUPA Subtest-3	15.85	15.95	16.05	17.00
HSUPA Subtest-4	14.63	14.48	14.54	15.50
HSUPA Subtest-5	16.00	15.95	16.00	16.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.25	23.31	23.41	24.50
RMC 12.2Kbps	23.25	23.47	23.45	24.50
HSDPA Subtest-1	22.58	22.43	22.55	24.00
HSDPA Subtest-2	22.55	22.42	22.57	24.00
HSDPA Subtest-3	21.96	22.01	22.01	23.50
HSDPA Subtest-4	21.81	21.95	21.89	23.50
DC-HSDPA Subtest-1	22.51	22.58	22.67	23.00
DC-HSDPA Subtest-2	22.62	22.45	22.74	23.00
DC-HSDPA Subtest-3	22.09	21.83	22.03	22.50
DC-HSDPA Subtest-4	21.79	21.96	21.85	22.50
HSUPA Subtest-1	20.15	20.08	20.04	21.50
HSUPA Subtest-2	20.33	20.36	20.47	21.00
HSUPA Subtest-3	21.53	21.48	21.57	22.50
HSUPA Subtest-4	19.80	19.89	19.96	21.00
HSUPA Subtest-5	21.50	21.32	21.41	21.50

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	24.64	24.68	24.66	25.50
		MID	QPSK	24.91	25.12	24.83	25.50
		HIGH	QPSK	24.93	24.88	24.94	25.50
	3	LOW	QPSK	24.77	24.80	24.71	25.50
		MID	QPSK	24.84	24.93	25.08	25.50
		HIGH	QPSK	24.69	24.66	24.94	25.50
	6	LOW	QPSK	23.84	23.89	23.67	24.50
1.4	1	LOW	Q16	24.03	24.28	23.97	24.50
		MID	Q16	24.27	24.42	24.09	24.50
		HIGH	Q16	24.01	24.08	23.94	24.50
	3	LOW	Q16	24.07	24.02	24.15	24.50
		MID	Q16	24.12	24.41	24.17	24.50
		HIGH	Q16	24.08	24.28	24.02	24.50
	6	LOW	Q16	22.73	22.98	22.63	23.50
1.4	1	LOW	64QAM	22.79	23.13	23.02	23.50
		MID	64QAM	23.19	23.48	23.09	23.50
		HIGH	64QAM	23.20	23.47	23.01	23.50
	3	LOW	64QAM	22.78	23.35	23.04	23.50
		MID	64QAM	23.10	23.40	23.32	23.50
		HIGH	64QAM	23.15	23.39	23.19	23.50
	6	LOW	64QAM	21.83	21.91	21.56	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.85	24.89	24.66	25.50
		MID	QPSK	24.92	24.88	25.07	25.50
		HIGH	QPSK	24.71	24.78	24.84	25.50
	8	LOW	QPSK	23.77	23.95	23.82	24.50
		MID	QPSK	23.95	24.00	24.02	24.50
		HIGH	QPSK	23.80	23.93	23.64	24.50
	15	LOW	QPSK	23.64	23.72	23.94	24.50
3	1	LOW	Q16	24.13	24.31	23.97	24.50
		MID	Q16	24.26	24.41	24.32	24.50
		HIGH	Q16	23.93	24.08	24.16	24.50
	8	LOW	Q16	22.58	22.79	22.91	23.50
		MID	Q16	22.75	22.99	22.85	23.50
		HIGH	Q16	22.68	23.06	22.61	23.50
	15	LOW	Q16	22.70	22.77	22.76	23.50
3	1	LOW	64QAM	22.82	23.39	23.20	23.50
		MID	64QAM	23.28	23.48	23.25	23.50
		HIGH	64QAM	23.08	23.36	23.15	23.50
	8	LOW	64QAM	21.48	21.78	21.86	22.50
		MID	64QAM	21.79	21.95	21.79	22.50
		HIGH	64QAM	21.98	21.89	21.59	22.50
	15	LOW	64QAM	21.74	22.00	21.60	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.81	24.95	24.82	25.50
		MID	QPSK	25.00	24.84	25.01	25.50
		HIGH	QPSK	24.88	24.86	25.00	25.50
	36	LOW	QPSK	23.78	23.93	23.78	24.50
		MID	QPSK	24.03	23.98	23.93	24.50
		HIGH	QPSK	23.76	23.93	23.64	24.50
	75	LOW	QPSK	23.72	23.74	23.68	24.50
5	1	LOW	Q16	24.13	24.17	23.94	24.50
		MID	Q16	24.10	24.27	24.27	24.50
		HIGH	Q16	24.21	24.19	24.16	24.50
	36	LOW	Q16	22.56	22.83	22.85	23.50
		MID	Q16	22.88	23.05	22.91	23.50
		HIGH	Q16	22.85	23.05	22.87	23.50
	75	LOW	Q16	22.80	22.89	22.73	23.50
5	1	LOW	64QAM	22.96	23.23	23.00	23.50
		MID	64QAM	23.24	23.44	23.27	23.50
		HIGH	64QAM	23.33	23.28	23.05	23.50
	36	LOW	64QAM	21.59	21.55	21.98	22.50
		MID	64QAM	21.80	21.90	21.84	22.50
		HIGH	64QAM	22.03	22.06	21.80	22.50
	75	LOW	64QAM	21.71	21.86	21.66	22.50

LTE B2-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.85	24.75	24.65	25.50
		MID	QPSK	24.80	24.96	24.84	25.50
		HIGH	QPSK	24.81	24.82	24.92	25.50
	50	LOW	QPSK	23.71	23.97	23.90	24.50
		MID	QPSK	23.92	23.87	23.96	24.50
		HIGH	QPSK	23.85	23.93	23.89	24.50
100	LOW	QPSK	23.72	23.71	23.91	24.50	
10	1	LOW	Q16	24.08	24.07	23.88	24.50
		MID	Q16	24.28	24.34	24.27	24.50
		HIGH	Q16	23.94	24.14	23.94	24.50
	50	LOW	Q16	22.54	22.72	22.65	23.50
		MID	Q16	22.94	23.01	22.81	23.50
		HIGH	Q16	22.88	23.06	22.67	23.50
100	LOW	Q16	22.82	22.95	22.61	23.50	
10	1	LOW	64QAM	22.90	23.37	23.22	23.50
		MID	64QAM	23.35	23.47	23.04	23.50
		HIGH	64QAM	23.35	23.47	23.11	23.50
	50	LOW	64QAM	21.54	21.79	21.83	22.50
		MID	64QAM	21.73	21.99	21.86	22.50
		HIGH	64QAM	21.82	22.07	21.64	22.50
100	LOW	64QAM	21.74	21.88	21.66	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.69	24.81	24.77	25.50
		MID	QPSK	24.96	24.98	25.04	25.50
		HIGH	QPSK	24.93	24.79	24.88	25.50
	36	LOW	QPSK	23.81	23.96	23.93	24.50
		MID	QPSK	24.02	23.90	23.89	24.50
		HIGH	QPSK	23.93	23.96	23.75	24.50
75	LOW	QPSK	23.75	23.93	23.85	24.50	
15	1	LOW	Q16	23.95	24.27	23.95	24.50
		MID	Q16	24.30	24.39	24.10	24.50
		HIGH	Q16	24.00	24.09	23.97	24.50
	36	LOW	Q16	22.75	22.90	22.77	23.50
		MID	Q16	22.71	22.79	22.99	23.50
		HIGH	Q16	22.91	22.83	22.71	23.50
75	LOW	Q16	22.90	22.74	22.83	23.50	
15	1	LOW	64QAM	23.01	23.21	23.05	23.50
		MID	64QAM	23.23	23.35	23.30	23.50
		HIGH	64QAM	23.36	23.39	23.24	23.50
	36	LOW	64QAM	21.53	21.78	21.90	22.50
		MID	64QAM	21.83	21.87	21.94	22.50
		HIGH	64QAM	21.97	21.95	21.54	22.50
75	LOW	64QAM	21.77	22.04	21.52	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.74	24.83	24.72	25.50
		MID	QPSK	24.99	24.95	24.98	25.50
		HIGH	QPSK	24.84	24.78	24.89	25.50
	50	LOW	QPSK	23.69	23.84	23.80	24.50
		MID	QPSK	23.92	23.91	23.88	24.50
		HIGH	QPSK	23.90	23.90	23.74	24.50
100	LOW	QPSK	23.77	23.86	23.80	24.50	
20	1	LOW	Q16	24.06	24.17	24.03	24.50
		MID	Q16	24.23	24.37	24.19	24.50
		HIGH	Q16	24.06	24.19	24.05	24.50
	50	LOW	Q16	22.61	22.83	22.79	23.50
		MID	Q16	22.84	22.90	22.86	23.50
		HIGH	Q16	22.78	22.91	22.73	23.50
100	LOW	Q16	22.76	22.88	22.76	23.50	
20	1	LOW	64QAM	22.91	23.28	23.15	23.50
		MID	64QAM	23.24	23.46	23.18	23.50
		HIGH	64QAM	23.21	23.32	23.13	23.50
	50	LOW	64QAM	21.48	21.69	21.84	22.50
		MID	64QAM	21.82	21.95	21.94	22.50
		HIGH	64QAM	21.91	22.02	21.68	22.50
100	LOW	64QAM	21.74	21.94	21.67	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	18.20	18.45	18.49	19.00
		MID	QPSK	18.40	18.68	18.64	19.00
		HIGH	QPSK	18.29	18.37	18.53	19.00
	3	LOW	QPSK	18.41	18.29	18.23	19.00
		MID	QPSK	18.49	18.50	18.50	19.00
		HIGH	QPSK	18.34	18.45	18.47	19.00
	6	LOW	QPSK	18.21	18.35	18.16	19.00
1.4	1	LOW	Q16	18.57	18.70	18.44	19.00
		MID	Q16	18.64	18.65	18.52	19.00
		HIGH	Q16	18.43	18.57	18.63	19.00
	3	LOW	Q16	18.30	18.66	18.42	19.00
		MID	Q16	18.65	18.67	18.60	19.00
		HIGH	Q16	18.58	18.41	18.67	19.00
	6	LOW	Q16	18.01	18.21	17.92	19.00
1.4	1	LOW	64QAM	18.64	18.62	18.41	19.00
		MID	64QAM	18.71	18.72	18.46	19.00
		HIGH	64QAM	18.38	18.50	18.60	19.00
	3	LOW	64QAM	18.62	18.54	18.38	19.00
		MID	64QAM	18.68	18.73	18.61	19.00
		HIGH	64QAM	18.21	18.43	18.58	19.00
	6	LOW	64QAM	18.04	18.17	18.05	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.13	18.36	18.44	19.00
		MID	QPSK	18.57	18.45	18.51	19.00
		HIGH	QPSK	18.56	18.31	18.41	19.00
	8	LOW	QPSK	18.21	18.29	18.37	19.00
		MID	QPSK	18.49	18.58	18.49	19.00
		HIGH	QPSK	18.38	18.47	18.41	19.00
	15	LOW	QPSK	18.41	18.33	18.42	19.00
3	1	LOW	Q16	18.53	18.42	18.41	19.00
		MID	Q16	18.62	18.75	18.80	19.00
		HIGH	Q16	18.51	18.46	18.51	19.00
	8	LOW	Q16	18.04	18.28	18.13	19.00
		MID	Q16	18.10	18.19	18.33	19.00
		HIGH	Q16	18.12	18.17	18.17	19.00
	15	LOW	Q16	18.17	18.03	18.10	19.00
3	1	LOW	64QAM	18.47	18.60	18.21	19.00
		MID	64QAM	18.83	18.81	18.46	19.00
		HIGH	64QAM	18.29	18.67	18.66	19.00
	8	LOW	64QAM	18.19	18.39	18.09	19.00
		MID	64QAM	18.17	18.23	18.14	19.00
		HIGH	64QAM	17.89	18.39	18.32	19.00
	15	LOW	64QAM	18.06	18.33	18.13	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.19	18.24	18.32	19.00
		MID	QPSK	18.58	18.64	18.50	19.00
		HIGH	QPSK	18.32	18.53	18.58	19.00
	36	LOW	QPSK	18.06	18.41	18.29	19.00
		MID	QPSK	18.43	18.46	18.49	19.00
		HIGH	QPSK	18.31	18.41	18.32	19.00
	75	LOW	QPSK	18.23	18.53	18.23	19.00
5	1	LOW	Q16	18.53	18.44	18.34	19.00
		MID	Q16	18.72	18.91	18.71	19.00
		HIGH	Q16	18.36	18.42	18.38	19.00
	36	LOW	Q16	17.98	18.10	18.04	19.00
		MID	Q16	18.21	18.11	18.16	19.00
		HIGH	Q16	18.12	18.08	18.07	19.00
	75	LOW	Q16	18.04	18.23	18.04	19.00
5	1	LOW	64QAM	18.69	18.59	18.41	19.00
		MID	64QAM	18.70	18.75	18.56	19.00
		HIGH	64QAM	18.39	18.43	18.67	19.00
	36	LOW	64QAM	18.19	18.12	18.01	19.00
		MID	64QAM	18.16	18.31	18.11	19.00
		HIGH	64QAM	17.89	18.44	18.14	19.00
	75	LOW	64QAM	17.96	18.06	17.98	19.00

LTE B2-DSI 1-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.42	18.44	18.28	19.00
		MID	QPSK	18.53	18.63	18.46	19.00
		HIGH	QPSK	18.38	18.40	18.34	19.00
	50	LOW	QPSK	18.11	18.25	18.24	19.00
		MID	QPSK	18.41	18.49	18.37	19.00
		HIGH	QPSK	18.25	18.61	18.38	19.00
	100	LOW	QPSK	18.32	18.55	18.30	19.00
10	1	LOW	Q16	18.37	18.40	18.58	19.00
		MID	Q16	18.70	18.86	18.77	19.00
		HIGH	Q16	18.30	18.57	18.48	19.00
	50	LOW	Q16	17.93	18.05	18.20	19.00
		MID	Q16	18.18	18.11	18.30	19.00
		HIGH	Q16	18.23	18.25	18.19	19.00
	100	LOW	Q16	18.08	18.09	18.04	19.00
10	1	LOW	64QAM	18.58	18.69	18.39	19.00
		MID	64QAM	18.69	18.88	18.54	19.00
		HIGH	64QAM	18.41	18.40	18.75	19.00
	50	LOW	64QAM	18.03	18.10	18.00	19.00
		MID	64QAM	18.13	18.45	18.27	19.00
		HIGH	64QAM	18.17	18.44	18.08	19.00
	100	LOW	64QAM	18.02	18.18	18.14	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.22	18.40	18.24	19.00
		MID	QPSK	18.54	18.73	18.50	19.00
		HIGH	QPSK	18.48	18.30	18.38	19.00
	36	LOW	QPSK	18.31	18.42	18.42	19.00
		MID	QPSK	18.37	18.59	18.33	19.00
		HIGH	QPSK	18.43	18.54	18.25	19.00
75	LOW	QPSK	18.36	18.36	18.42	19.00	
15	1	LOW	Q16	18.36	18.68	18.53	19.00
		MID	Q16	18.75	18.78	18.68	19.00
		HIGH	Q16	18.57	18.69	18.55	19.00
	36	LOW	Q16	17.98	18.18	18.22	19.00
		MID	Q16	18.14	18.25	18.15	19.00
		HIGH	Q16	18.18	18.21	18.04	19.00
	75	LOW	Q16	17.99	18.19	18.05	19.00
15	1	LOW	64QAM	18.49	18.55	18.25	19.00
		MID	64QAM	18.64	18.66	18.62	19.00
		HIGH	64QAM	18.45	18.58	18.66	19.00
	36	LOW	64QAM	18.01	18.13	18.02	19.00
		MID	64QAM	18.15	18.30	18.08	19.00
		HIGH	64QAM	17.93	18.38	18.14	19.00
	75	LOW	64QAM	18.11	18.11	18.16	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.28	18.38	18.35	19.00
		MID	QPSK	18.59	18.52	18.56	19.00
		HIGH	QPSK	18.41	18.39	18.46	19.00
	50	LOW	QPSK	18.20	18.36	18.30	19.00
		MID	QPSK	18.47	18.42	18.41	19.00
		HIGH	QPSK	18.38	18.46	18.30	19.00
100	LOW	QPSK	18.30	18.40	18.30	19.00	
20	1	LOW	Q16	18.43	18.55	18.46	19.00
		MID	Q16	18.64	18.79	18.67	19.00
		HIGH	Q16	18.45	18.56	18.52	19.00
	50	LOW	Q16	17.94	18.16	18.12	19.00
		MID	Q16	18.16	18.25	18.21	19.00
		HIGH	Q16	18.13	18.22	18.07	19.00
	100	LOW	Q16	18.08	18.17	18.07	19.00
20	1	LOW	64QAM	18.54	18.57	18.32	19.00
		MID	64QAM	18.74	18.76	18.59	19.00
		HIGH	64QAM	18.35	18.54	18.62	19.00
	50	LOW	64QAM	18.04	18.24	18.11	19.00
		MID	64QAM	18.16	18.33	18.23	19.00
		HIGH	64QAM	18.03	18.32	18.19	19.00
	100	LOW	64QAM	18.01	18.19	18.03	19.00

LTE B2-DSI 3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.64	24.68	24.66	25.50
		MID	QPSK	24.91	25.12	24.83	25.50
		HIGH	QPSK	24.93	24.88	24.94	25.50
	3	LOW	QPSK	24.77	24.80	24.71	25.50
		MID	QPSK	24.84	24.93	25.08	25.50
		HIGH	QPSK	24.69	24.66	24.94	25.50
6	LOW	QPSK	23.84	23.89	23.67	24.50	
1.4	1	LOW	Q16	24.03	24.28	23.97	24.50
		MID	Q16	24.27	24.42	24.09	24.50
		HIGH	Q16	24.01	24.08	23.94	24.50
	3	LOW	Q16	24.07	24.02	24.15	24.50
		MID	Q16	24.12	24.41	24.17	24.50
		HIGH	Q16	24.08	24.28	24.02	24.50
6	LOW	Q16	22.73	22.98	22.63	23.50	
1.4	1	LOW	64QAM	22.79	23.13	23.02	23.50
		MID	64QAM	23.19	23.48	23.09	23.50
		HIGH	64QAM	23.20	23.47	23.01	23.50
	3	LOW	64QAM	22.78	23.35	23.04	23.50
		MID	64QAM	23.10	23.40	23.32	23.50
		HIGH	64QAM	23.15	23.39	23.19	23.50
6	LOW	64QAM	21.83	21.91	21.56	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.85	24.89	24.66	25.50
		MID	QPSK	24.92	24.88	25.07	25.50
		HIGH	QPSK	24.71	24.78	24.84	25.50
	8	LOW	QPSK	23.77	23.95	23.82	24.50
		MID	QPSK	23.95	24.00	24.02	24.50
		HIGH	QPSK	23.80	23.93	23.64	24.50
15	LOW	QPSK	23.64	23.72	23.94	24.50	
3	1	LOW	Q16	24.13	24.31	23.97	24.50
		MID	Q16	24.26	24.41	24.32	24.50
		HIGH	Q16	23.93	24.08	24.16	24.50
	8	LOW	Q16	22.58	22.79	22.91	23.50
		MID	Q16	22.75	22.99	22.85	23.50
		HIGH	Q16	22.68	23.06	22.61	23.50
15	LOW	Q16	22.70	22.77	22.76	23.50	
3	1	LOW	64QAM	22.82	23.39	23.20	23.50
		MID	64QAM	23.28	23.48	23.25	23.50
		HIGH	64QAM	23.08	23.36	23.15	23.50
	8	LOW	64QAM	21.48	21.78	21.86	22.50
		MID	64QAM	21.79	21.95	21.79	22.50
		HIGH	64QAM	21.98	21.89	21.59	22.50
15	LOW	64QAM	21.74	22.00	21.60	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.81	24.95	24.82	25.50
		MID	QPSK	25.00	24.84	25.01	25.50
		HIGH	QPSK	24.88	24.86	25.00	25.50
	36	LOW	QPSK	23.78	23.93	23.78	24.50
		MID	QPSK	24.03	23.98	23.93	24.50
		HIGH	QPSK	23.76	23.93	23.64	24.50
75	LOW	QPSK	23.72	23.74	23.68	24.50	
5	1	LOW	Q16	24.13	24.17	23.94	24.50
		MID	Q16	24.10	24.27	24.27	24.50
		HIGH	Q16	24.21	24.19	24.16	24.50
	36	LOW	Q16	22.56	22.83	22.85	23.50
		MID	Q16	22.88	23.05	22.91	23.50
		HIGH	Q16	22.85	23.05	22.87	23.50
75	LOW	Q16	22.80	22.89	22.73	23.50	
5	1	LOW	64QAM	22.96	23.23	23.00	23.50
		MID	64QAM	23.24	23.44	23.27	23.50
		HIGH	64QAM	23.33	23.28	23.05	23.50
	36	LOW	64QAM	21.59	21.55	21.98	22.50
		MID	64QAM	21.80	21.90	21.84	22.50
		HIGH	64QAM	22.03	22.06	21.80	22.50
75	LOW	64QAM	21.71	21.86	21.66	22.50	

LTE B2-DSI 3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.85	24.75	24.65	25.50
		MID	QPSK	24.80	24.96	24.84	25.50
		HIGH	QPSK	24.81	24.82	24.92	25.50
	50	LOW	QPSK	23.71	23.97	23.90	24.50
		MID	QPSK	23.92	23.87	23.96	24.50
		HIGH	QPSK	23.85	23.93	23.89	24.50
10	100	LOW	QPSK	23.72	23.71	23.91	24.50
		LOW	Q16	24.08	24.07	23.88	24.50
		MID	Q16	24.28	24.34	24.27	24.50
	50	HIGH	Q16	23.94	24.14	23.94	24.50
		LOW	Q16	22.54	22.72	22.65	23.50
		MID	Q16	22.94	23.01	22.81	23.50
10	100	HIGH	Q16	22.88	23.06	22.67	23.50
		LOW	Q16	22.82	22.95	22.61	23.50
		LOW	64QAM	22.90	23.37	23.22	23.50
	1	MID	64QAM	23.35	23.47	23.04	23.50
		HIGH	64QAM	23.35	23.47	23.11	23.50
		50	LOW	64QAM	21.54	21.79	21.83
MID	64QAM		21.73	21.99	21.86	22.50	
HIGH	64QAM		21.82	22.07	21.64	22.50	
100	LOW	64QAM	21.74	21.88	21.66	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.69	24.81	24.77	25.50
		MID	QPSK	24.96	24.98	25.04	25.50
		HIGH	QPSK	24.93	24.79	24.88	25.50
	36	LOW	QPSK	23.81	23.96	23.93	24.50
		MID	QPSK	24.02	23.90	23.89	24.50
		HIGH	QPSK	23.93	23.96	23.75	24.50
15	75	LOW	QPSK	23.75	23.93	23.85	24.50
		LOW	Q16	23.95	24.27	23.95	24.50
		MID	Q16	24.30	24.39	24.10	24.50
	36	HIGH	Q16	24.00	24.09	23.97	24.50
		LOW	Q16	22.75	22.90	22.77	23.50
		MID	Q16	22.71	22.79	22.99	23.50
15	75	HIGH	Q16	22.91	22.83	22.71	23.50
		LOW	Q16	22.90	22.74	22.83	23.50
		LOW	64QAM	23.01	23.21	23.05	23.50
	1	MID	64QAM	23.23	23.35	23.30	23.50
		HIGH	64QAM	23.36	23.39	23.24	23.50
		36	LOW	64QAM	21.53	21.78	21.90
MID	64QAM		21.83	21.87	21.94	22.50	
HIGH	64QAM		21.97	21.95	21.54	22.50	
75	LOW	64QAM	21.77	22.04	21.52	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.74	24.83	24.72	25.50
		MID	QPSK	24.99	24.95	24.98	25.50
		HIGH	QPSK	24.84	24.78	24.89	25.50
	50	LOW	QPSK	23.69	23.84	23.80	24.50
		MID	QPSK	23.92	23.91	23.88	24.50
		HIGH	QPSK	23.90	23.90	23.74	24.50
20	100	LOW	QPSK	23.77	23.86	23.80	24.50
		LOW	Q16	24.06	24.17	24.03	24.50
		MID	Q16	24.23	24.37	24.19	24.50
	50	HIGH	Q16	24.06	24.19	24.05	24.50
		LOW	Q16	22.61	22.83	22.79	23.50
		MID	Q16	22.84	22.90	22.86	23.50
20	100	HIGH	Q16	22.78	22.91	22.73	23.50
		LOW	Q16	22.76	22.88	22.76	23.50
		LOW	64QAM	22.91	23.28	23.15	23.50
	1	MID	64QAM	23.24	23.46	23.18	23.50
		HIGH	64QAM	23.21	23.32	23.13	23.50
		50	LOW	64QAM	21.48	21.69	21.84
MID	64QAM		21.82	21.95	21.94	22.50	
HIGH	64QAM		21.91	22.02	21.68	22.50	
100	LOW	64QAM	21.74	21.94	21.67	22.50	

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	19.47	19.50	19.53	20.00
		MID	QPSK	19.64	19.83	19.82	20.00
		HIGH	QPSK	19.77	19.63	19.86	20.00
	3	LOW	QPSK	19.58	19.56	19.66	20.00
		MID	QPSK	19.71	19.71	19.81	20.00
		HIGH	QPSK	19.51	19.65	19.66	20.00
	6	LOW	QPSK	19.75	19.63	19.54	20.00
1.4	1	LOW	Q16	19.72	19.98	19.91	20.00
		MID	Q16	19.95	19.98	19.94	20.00
		HIGH	Q16	19.76	19.97	19.66	20.00
	3	LOW	Q16	19.63	19.77	19.76	20.00
		MID	Q16	19.86	19.99	19.97	20.00
		HIGH	Q16	19.92	19.79	19.86	20.00
	6	LOW	Q16	19.54	19.44	19.37	20.00
1.4	1	LOW	64QAM	19.66	19.99	19.65	20.00
		MID	64QAM	19.97	19.93	19.70	20.00
		HIGH	64QAM	19.84	19.88	19.76	20.00
	3	LOW	64QAM	19.91	19.97	19.72	20.00
		MID	64QAM	19.87	19.98	19.73	20.00
		HIGH	64QAM	19.91	19.72	19.79	20.00
	6	LOW	64QAM	19.41	19.51	19.48	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.40	19.67	19.51	20.00
		MID	QPSK	19.68	19.69	19.88	20.00
		HIGH	QPSK	19.56	19.65	19.86	20.00
	8	LOW	QPSK	19.44	19.68	19.47	20.00
		MID	QPSK	19.75	19.71	19.60	20.00
		HIGH	QPSK	19.67	19.61	19.48	20.00
	15	LOW	QPSK	19.49	19.60	19.44	20.00
3	1	LOW	Q16	19.68	19.83	19.92	20.00
		MID	Q16	20.00	20.00	19.85	20.00
		HIGH	Q16	19.74	19.85	19.66	20.00
	8	LOW	Q16	19.34	19.62	19.61	20.00
		MID	Q16	19.44	19.55	19.42	20.00
		HIGH	Q16	19.55	19.63	19.25	20.00
	15	LOW	Q16	19.33	19.45	19.55	20.00
3	1	LOW	64QAM	19.69	19.92	19.73	20.00
		MID	64QAM	19.86	20.00	19.81	20.00
		HIGH	64QAM	19.93	19.79	19.67	20.00
	8	LOW	64QAM	19.54	19.44	19.66	20.00
		MID	64QAM	19.48	19.79	19.56	20.00
		HIGH	64QAM	19.55	19.68	19.34	20.00
	15	LOW	64QAM	19.57	19.64	19.27	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.48	19.77	19.75	20.00
		MID	QPSK	19.91	19.87	19.73	20.00
		HIGH	QPSK	19.71	19.55	19.58	20.00
	36	LOW	QPSK	19.54	19.50	19.47	20.00
		MID	QPSK	19.60	19.72	19.61	20.00
		HIGH	QPSK	19.80	19.69	19.71	20.00
	75	LOW	QPSK	19.58	19.71	19.47	20.00
5	1	LOW	Q16	19.65	19.97	19.75	20.00
		MID	Q16	19.99	19.91	19.94	20.00
		HIGH	Q16	19.90	19.85	19.75	20.00
	36	LOW	Q16	19.34	19.56	19.63	20.00
		MID	Q16	19.66	19.46	19.44	20.00
		HIGH	Q16	19.59	19.62	19.28	20.00
	75	LOW	Q16	19.49	19.65	19.50	20.00
5	1	LOW	64QAM	19.62	19.99	19.53	20.00
		MID	64QAM	19.91	19.91	19.91	20.00
		HIGH	64QAM	19.73	19.85	19.74	20.00
	36	LOW	64QAM	19.41	19.50	19.49	20.00
		MID	64QAM	19.42	19.62	19.65	20.00
		HIGH	64QAM	19.74	19.66	19.51	20.00
	75	LOW	64QAM	19.67	19.68	19.37	20.00

LTE B2-DSI 4-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.66	19.63	19.76	20.00
		MID	QPSK	19.81	19.71	19.82	20.00
		HIGH	QPSK	19.60	19.79	19.73	20.00
	50	LOW	QPSK	19.38	19.57	19.62	20.00
		MID	QPSK	19.80	19.78	19.68	20.00
		HIGH	QPSK	19.58	19.67	19.49	20.00
	100	LOW	QPSK	19.70	19.59	19.50	20.00
10	1	LOW	Q16	19.79	19.88	19.66	20.00
		MID	Q16	19.87	19.95	19.94	20.00
		HIGH	Q16	19.80	19.82	19.89	20.00
	50	LOW	Q16	19.45	19.50	19.54	20.00
		MID	Q16	19.56	19.67	19.55	20.00
		HIGH	Q16	19.47	19.43	19.26	20.00
	100	LOW	Q16	19.49	19.46	19.48	20.00
10	1	LOW	64QAM	19.77	19.87	19.72	20.00
		MID	64QAM	19.78	19.97	19.84	20.00
		HIGH	64QAM	19.76	19.81	19.81	20.00
	50	LOW	64QAM	19.35	19.26	19.69	20.00
		MID	64QAM	19.56	19.67	19.81	20.00
		HIGH	64QAM	19.70	19.52	19.53	20.00
	100	LOW	64QAM	19.52	19.55	19.46	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.66	19.47	19.59	20.00
		MID	QPSK	19.65	19.69	19.83	20.00
		HIGH	QPSK	19.69	19.69	19.74	20.00
	36	LOW	QPSK	19.39	19.77	19.54	20.00
		MID	QPSK	19.85	19.88	19.86	20.00
		HIGH	QPSK	19.84	19.67	19.68	20.00
	75	LOW	QPSK	19.54	19.53	19.49	20.00
15	1	LOW	Q16	19.66	19.79	19.90	20.00
		MID	Q16	19.81	19.92	19.87	20.00
		HIGH	Q16	19.75	19.77	19.67	20.00
	36	LOW	Q16	19.32	19.37	19.49	20.00
		MID	Q16	19.56	19.51	19.45	20.00
		HIGH	Q16	19.61	19.65	19.46	20.00
	75	LOW	Q16	19.37	19.57	19.25	20.00
15	1	LOW	64QAM	19.79	19.81	19.69	20.00
		MID	64QAM	19.94	19.86	19.89	20.00
		HIGH	64QAM	19.99	19.89	19.96	20.00
	36	LOW	64QAM	19.34	19.49	19.72	20.00
		MID	64QAM	19.30	19.64	19.72	20.00
		HIGH	64QAM	19.45	19.46	19.49	20.00
	75	LOW	64QAM	19.46	19.62	19.38	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.55	19.62	19.61	20.00
		MID	QPSK	19.86	19.83	19.79	20.00
		HIGH	QPSK	19.66	19.66	19.71	20.00
	50	LOW	QPSK	19.49	19.65	19.62	20.00
		MID	QPSK	19.75	19.72	19.72	20.00
		HIGH	QPSK	19.71	19.73	19.57	20.00
	100	LOW	QPSK	19.60	19.67	19.59	20.00
20	1	LOW	Q16	19.78	19.90	19.77	20.00
		MID	Q16	19.99	19.87	20.00	20.00
		HIGH	Q16	19.79	19.92	19.81	20.00
	50	LOW	Q16	19.33	19.50	19.48	20.00
		MID	Q16	19.56	19.60	19.55	20.00
		HIGH	Q16	19.47	19.58	19.40	20.00
	100	LOW	Q16	19.46	19.57	19.40	20.00
20	1	LOW	64QAM	19.77	19.87	19.66	20.00
		MID	64QAM	19.92	19.96	19.85	20.00
		HIGH	64QAM	19.88	19.86	19.82	20.00
	50	LOW	64QAM	19.46	19.40	19.59	20.00
		MID	64QAM	19.45	19.75	19.69	20.00
		HIGH	64QAM	19.59	19.59	19.46	20.00
	100	LOW	64QAM	19.53	19.61	19.40	20.00

LTE B2-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.89	24.90	24.81	25.50
		MID	QPSK	24.98	24.95	25.01	25.50
		HIGH	QPSK	24.82	24.83	25.10	25.50
	3	LOW	QPSK	24.62	24.79	24.77	25.50
		MID	QPSK	25.06	25.20	25.23	25.50
		HIGH	QPSK	25.00	24.87	24.98	25.50
	6	LOW	QPSK	23.88	23.97	24.04	24.50
1.4	1	LOW	Q16	24.08	24.13	24.00	24.50
		MID	Q16	24.37	24.39	24.19	24.50
		HIGH	Q16	24.28	24.37	24.25	24.50
	3	LOW	Q16	24.09	24.21	24.22	24.50
		MID	Q16	24.23	24.36	24.46	24.50
		HIGH	Q16	24.30	24.16	24.23	24.50
	6	LOW	Q16	22.91	23.07	22.96	23.50
1.4	1	LOW	64QAM	23.01	23.27	23.27	23.50
		MID	64QAM	23.05	23.45	23.45	23.50
		HIGH	64QAM	23.23	23.17	23.11	23.50
	3	LOW	64QAM	23.14	23.32	23.07	23.50
		MID	64QAM	23.02	23.46	23.29	23.50
		HIGH	64QAM	23.16	23.24	23.33	23.50
	6	LOW	64QAM	21.64	21.68	21.90	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.85	25.04	24.87	25.50
		MID	QPSK	25.07	25.00	24.95	25.50
		HIGH	QPSK	25.01	25.00	24.92	25.50
	8	LOW	QPSK	23.72	23.93	23.86	24.50
		MID	QPSK	23.95	23.95	23.98	24.50
		HIGH	QPSK	23.89	24.11	23.74	24.50
	15	LOW	QPSK	23.95	23.88	23.78	24.50
3	1	LOW	Q16	23.94	24.23	23.97	24.50
		MID	Q16	24.43	24.48	24.47	24.50
		HIGH	Q16	24.00	24.31	24.14	24.50
	8	LOW	Q16	22.81	22.76	22.99	23.50
		MID	Q16	23.04	23.16	23.10	23.50
		HIGH	Q16	22.80	23.05	22.81	23.50
	15	LOW	Q16	22.74	23.02	22.93	23.50
3	1	LOW	64QAM	23.10	23.38	23.28	23.50
		MID	64QAM	23.22	23.42	23.44	23.50
		HIGH	64QAM	23.02	23.24	23.29	23.50
	8	LOW	64QAM	21.63	21.93	21.77	22.50
		MID	64QAM	21.88	22.12	21.79	22.50
		HIGH	64QAM	21.95	21.86	21.89	22.50
	15	LOW	64QAM	21.64	21.72	21.88	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.68	24.87	24.94	25.50
		MID	QPSK	24.90	25.21	25.17	25.50
		HIGH	QPSK	25.02	24.85	24.98	25.50
	36	LOW	QPSK	23.73	23.93	23.95	24.50
		MID	QPSK	23.85	24.12	23.90	24.50
		HIGH	QPSK	24.00	23.87	23.81	24.50
	75	LOW	QPSK	23.72	24.09	24.03	24.50
5	1	LOW	Q16	24.06	24.12	24.12	24.50
		MID	Q16	24.15	24.41	24.34	24.50
		HIGH	Q16	24.09	24.20	24.01	24.50
	36	LOW	Q16	22.71	22.91	23.04	23.50
		MID	Q16	22.95	23.16	22.97	23.50
		HIGH	Q16	22.99	22.88	22.72	23.50
	75	LOW	Q16	22.68	23.05	22.96	23.50
5	1	LOW	64QAM	23.12	23.29	23.12	23.50
		MID	64QAM	23.15	23.35	23.37	23.50
		HIGH	64QAM	22.95	23.29	23.21	23.50
	36	LOW	64QAM	21.70	21.94	21.84	22.50
		MID	64QAM	21.81	21.87	21.76	22.50
		HIGH	64QAM	21.85	21.97	22.01	22.50
	75	LOW	64QAM	21.61	21.91	21.86	22.50

LTE B2-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.83	24.78	24.86	25.50
		MID	QPSK	24.92	25.13	25.21	25.50
		HIGH	QPSK	24.85	25.04	24.97	25.50
	50	LOW	QPSK	23.72	23.92	23.87	24.50
		MID	QPSK	24.09	23.94	23.85	24.50
		HIGH	QPSK	23.91	24.17	23.93	24.50
	100	LOW	QPSK	23.87	23.85	23.98	24.50
10	1	LOW	Q16	23.96	24.41	24.12	24.50
		MID	Q16	24.15	24.39	24.43	24.50
		HIGH	Q16	24.02	24.14	24.06	24.50
	50	LOW	Q16	22.54	22.94	22.84	23.50
		MID	Q16	23.04	23.10	23.09	23.50
		HIGH	Q16	22.97	22.91	22.75	23.50
	100	LOW	Q16	22.66	22.88	22.78	23.50
10	1	LOW	64QAM	22.88	23.19	23.11	23.50
		MID	64QAM	23.19	23.35	23.38	23.50
		HIGH	64QAM	23.02	23.19	23.09	23.50
	50	LOW	64QAM	21.51	21.87	21.79	22.50
		MID	64QAM	21.86	22.15	21.87	22.50
		HIGH	64QAM	21.75	21.75	21.84	22.50
	100	LOW	64QAM	21.81	21.89	21.88	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.72	24.85	24.93	25.50
		MID	QPSK	25.13	25.00	25.18	25.50
		HIGH	QPSK	25.04	24.81	24.98	25.50
	36	LOW	QPSK	23.63	24.04	23.78	24.50
		MID	QPSK	24.01	23.94	24.08	24.50
		HIGH	QPSK	24.08	23.95	23.78	24.50
	75	LOW	QPSK	23.91	23.88	23.78	24.50
15	1	LOW	Q16	24.08	24.34	23.98	24.50
		MID	Q16	24.23	24.36	24.47	24.50
		HIGH	Q16	24.27	24.39	24.15	24.50
	36	LOW	Q16	22.66	22.92	23.00	23.50
		MID	Q16	22.90	23.08	22.88	23.50
		HIGH	Q16	23.00	23.03	22.84	23.50
	75	LOW	Q16	22.77	23.00	22.95	23.50
15	1	LOW	64QAM	22.85	23.35	23.26	23.50
		MID	64QAM	23.14	23.45	23.44	23.50
		HIGH	64QAM	23.14	23.30	23.38	23.50
	36	LOW	64QAM	21.70	21.84	21.62	22.50
		MID	64QAM	21.88	22.14	21.78	22.50
		HIGH	64QAM	22.04	21.89	21.96	22.50
	75	LOW	64QAM	21.63	21.98	21.75	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.74	24.90	24.81	25.50
		MID	QPSK	25.08	25.06	25.00	25.50
		HIGH	QPSK	24.93	24.91	24.82	25.50
	50	LOW	QPSK	23.73	23.90	23.90	24.50
		MID	QPSK	23.97	23.97	23.98	24.50
		HIGH	QPSK	24.02	24.01	23.99	24.50
	100	LOW	QPSK	23.83	23.98	23.89	24.50
20	1	LOW	Q16	24.03	24.27	24.11	24.50
		MID	Q16	24.30	24.49	24.32	24.50
		HIGH	Q16	24.15	24.28	24.15	24.50
	50	LOW	Q16	22.68	22.89	22.91	23.50
		MID	Q16	22.90	23.01	22.99	23.50
		HIGH	Q16	22.87	22.98	22.87	23.50
	100	LOW	Q16	22.79	22.94	22.88	23.50
20	1	LOW	64QAM	22.99	23.25	23.21	23.50
		MID	64QAM	23.15	23.49	23.37	23.50
		HIGH	64QAM	23.10	23.26	23.24	23.50
	50	LOW	64QAM	21.58	21.83	21.76	22.50
		MID	64QAM	21.78	22.01	21.85	22.50
		HIGH	64QAM	21.89	21.86	21.91	22.50
	100	LOW	64QAM	21.75	21.83	21.90	22.50

LTE B2-DSI 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.89	24.90	24.81	25.50
		MID	QPSK	24.98	24.95	25.01	25.50
		HIGH	QPSK	24.82	24.83	25.10	25.50
	3	LOW	QPSK	24.62	24.79	24.77	25.50
		MID	QPSK	25.06	25.20	25.23	25.50
		HIGH	QPSK	25.00	24.87	24.98	25.50
	6	LOW	QPSK	23.88	23.97	24.04	24.50
1.4	1	LOW	Q16	24.08	24.13	24.00	24.50
		MID	Q16	24.37	24.39	24.19	24.50
		HIGH	Q16	24.28	24.37	24.25	24.50
	3	LOW	Q16	24.09	24.21	24.22	24.50
		MID	Q16	24.23	24.36	24.46	24.50
		HIGH	Q16	24.30	24.16	24.23	24.50
	6	LOW	Q16	22.91	23.07	22.96	23.50
1.4	1	LOW	64QAM	23.01	23.27	23.27	23.50
		MID	64QAM	23.05	23.45	23.45	23.50
		HIGH	64QAM	23.23	23.17	23.11	23.50
	3	LOW	64QAM	23.14	23.32	23.07	23.50
		MID	64QAM	23.02	23.46	23.29	23.50
		HIGH	64QAM	23.16	23.24	23.33	23.50
	6	LOW	64QAM	21.64	21.68	21.90	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	24.85	25.04	24.87	25.50
		MID	QPSK	25.07	25.00	24.95	25.50
		HIGH	QPSK	25.01	25.00	24.92	25.50
	8	LOW	QPSK	23.72	23.93	23.86	24.50
		MID	QPSK	23.95	23.95	23.98	24.50
		HIGH	QPSK	23.89	24.11	23.74	24.50
	15	LOW	QPSK	23.95	23.88	23.78	24.50
3	1	LOW	Q16	23.94	24.23	23.97	24.50
		MID	Q16	24.43	24.48	24.47	24.50
		HIGH	Q16	24.00	24.31	24.14	24.50
	8	LOW	Q16	22.81	22.76	22.99	23.50
		MID	Q16	23.04	23.16	23.10	23.50
		HIGH	Q16	22.80	23.05	22.81	23.50
	15	LOW	Q16	22.74	23.02	22.93	23.50
3	1	LOW	64QAM	23.10	23.38	23.28	23.50
		MID	64QAM	23.22	23.42	23.44	23.50
		HIGH	64QAM	23.02	23.24	23.29	23.50
	8	LOW	64QAM	21.63	21.93	21.77	22.50
		MID	64QAM	21.88	22.12	21.79	22.50
		HIGH	64QAM	21.95	21.86	21.89	22.50
	15	LOW	64QAM	21.64	21.72	21.88	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	24.68	24.87	24.94	25.50
		MID	QPSK	24.90	25.21	25.17	25.50
		HIGH	QPSK	25.02	24.85	24.98	25.50
	36	LOW	QPSK	23.73	23.93	23.95	24.50
		MID	QPSK	23.85	24.12	23.90	24.50
		HIGH	QPSK	24.00	23.87	23.81	24.50
	75	LOW	QPSK	23.72	24.09	24.03	24.50
5	1	LOW	Q16	24.06	24.12	24.12	24.50
		MID	Q16	24.15	24.41	24.34	24.50
		HIGH	Q16	24.09	24.20	24.01	24.50
	36	LOW	Q16	22.71	22.91	23.04	23.50
		MID	Q16	22.95	23.16	22.97	23.50
		HIGH	Q16	22.99	22.88	22.72	23.50
	75	LOW	Q16	22.68	23.05	22.96	23.50
5	1	LOW	64QAM	23.12	23.29	23.12	23.50
		MID	64QAM	23.15	23.35	23.37	23.50
		HIGH	64QAM	22.95	23.29	23.21	23.50
	36	LOW	64QAM	21.70	21.94	21.84	22.50
		MID	64QAM	21.81	21.87	21.76	22.50
		HIGH	64QAM	21.85	21.97	22.01	22.50
	75	LOW	64QAM	21.61	21.91	21.86	22.50

LTE B2-DSI 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.83	24.78	24.86	25.50
		MID	QPSK	24.92	25.13	25.21	25.50
		HIGH	QPSK	24.85	25.04	24.97	25.50
	50	LOW	QPSK	23.72	23.92	23.87	24.50
		MID	QPSK	24.09	23.94	23.85	24.50
		HIGH	QPSK	23.91	24.17	23.93	24.50
	100	LOW	QPSK	23.87	23.85	23.98	24.50
10	1	LOW	Q16	23.96	24.41	24.12	24.50
		MID	Q16	24.15	24.39	24.43	24.50
		HIGH	Q16	24.02	24.14	24.06	24.50
	50	LOW	Q16	22.54	22.94	22.84	23.50
		MID	Q16	23.04	23.10	23.09	23.50
		HIGH	Q16	22.97	22.91	22.75	23.50
	100	LOW	Q16	22.66	22.88	22.78	23.50
10	1	LOW	64QAM	22.88	23.19	23.11	23.50
		MID	64QAM	23.19	23.35	23.38	23.50
		HIGH	64QAM	23.02	23.19	23.09	23.50
	50	LOW	64QAM	21.51	21.87	21.79	22.50
		MID	64QAM	21.86	22.15	21.87	22.50
		HIGH	64QAM	21.75	21.75	21.84	22.50
	100	LOW	64QAM	21.81	21.89	21.88	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.72	24.85	24.93	25.50
		MID	QPSK	25.13	25.00	25.18	25.50
		HIGH	QPSK	25.04	24.81	24.98	25.50
	36	LOW	QPSK	23.63	24.04	23.78	24.50
		MID	QPSK	24.01	23.94	24.08	24.50
		HIGH	QPSK	24.08	23.95	23.78	24.50
	75	LOW	QPSK	23.91	23.88	23.78	24.50
15	1	LOW	Q16	24.08	24.34	23.98	24.50
		MID	Q16	24.23	24.36	24.47	24.50
		HIGH	Q16	24.27	24.39	24.15	24.50
	36	LOW	Q16	22.66	22.92	23.00	23.50
		MID	Q16	22.90	23.08	22.88	23.50
		HIGH	Q16	23.00	23.03	22.84	23.50
	75	LOW	Q16	22.77	23.00	22.95	23.50
15	1	LOW	64QAM	22.85	23.35	23.26	23.50
		MID	64QAM	23.14	23.45	23.44	23.50
		HIGH	64QAM	23.14	23.30	23.38	23.50
	36	LOW	64QAM	21.70	21.84	21.62	22.50
		MID	64QAM	21.88	22.14	21.78	22.50
		HIGH	64QAM	22.04	21.89	21.96	22.50
	75	LOW	64QAM	21.63	21.98	21.75	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.74	24.90	24.81	25.50
		MID	QPSK	25.08	25.06	25.00	25.50
		HIGH	QPSK	24.93	24.91	24.82	25.50
	50	LOW	QPSK	23.73	23.90	23.90	24.50
		MID	QPSK	23.97	23.97	23.98	24.50
		HIGH	QPSK	24.02	24.01	23.99	24.50
	100	LOW	QPSK	23.83	23.98	23.89	24.50
20	1	LOW	Q16	24.03	24.27	24.11	24.50
		MID	Q16	24.30	24.49	24.32	24.50
		HIGH	Q16	24.15	24.28	24.15	24.50
	50	LOW	Q16	22.68	22.89	22.91	23.50
		MID	Q16	22.90	23.01	22.99	23.50
		HIGH	Q16	22.87	22.98	22.87	23.50
	100	LOW	Q16	22.79	22.94	22.88	23.50
20	1	LOW	64QAM	22.99	23.25	23.21	23.50
		MID	64QAM	23.15	23.49	23.37	23.50
		HIGH	64QAM	23.10	23.26	23.24	23.50
	50	LOW	64QAM	21.58	21.83	21.76	22.50
		MID	64QAM	21.78	22.01	21.85	22.50
		HIGH	64QAM	21.89	21.86	21.91	22.50
	100	LOW	64QAM	21.75	21.83	21.90	22.50

LTE B2-DSI 3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.52	18.47	18.64	19.00
		MID	QPSK	18.63	18.66	18.88	19.00
		HIGH	QPSK	18.65	18.77	18.72	19.00
	3	LOW	QPSK	18.56	18.62	18.60	19.00
		MID	QPSK	18.72	18.67	18.70	19.00
		HIGH	QPSK	18.61	18.54	18.64	19.00
	6	LOW	QPSK	18.50	18.55	18.47	19.00
1.4	1	LOW	Q16	18.77	18.91	18.75	19.00
		MID	Q16	18.98	18.85	18.93	19.00
		HIGH	Q16	18.69	18.86	18.88	19.00
	3	LOW	Q16	18.81	18.97	18.90	19.00
		MID	Q16	19.00	18.84	18.83	19.00
		HIGH	Q16	18.84	18.90	18.70	19.00
	6	LOW	Q16	18.27	18.38	18.50	19.00
1.4	1	LOW	64QAM	18.85	18.87	18.73	19.00
		MID	64QAM	18.67	18.88	18.95	19.00
		HIGH	64QAM	18.72	18.87	18.71	19.00
	3	LOW	64QAM	18.89	18.81	18.78	19.00
		MID	64QAM	18.78	18.85	18.92	19.00
		HIGH	64QAM	18.51	18.90	18.86	19.00
	6	LOW	64QAM	18.38	18.27	18.43	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.50	18.45	18.69	19.00
		MID	QPSK	18.76	18.94	18.80	19.00
		HIGH	QPSK	18.75	18.68	18.56	19.00
	8	LOW	QPSK	18.40	18.54	18.47	19.00
		MID	QPSK	18.73	18.76	18.55	19.00
		HIGH	QPSK	18.51	18.74	18.48	19.00
	15	LOW	QPSK	18.62	18.77	18.72	19.00
3	1	LOW	Q16	18.72	18.81	18.79	19.00
		MID	Q16	18.86	18.87	18.87	19.00
		HIGH	Q16	18.67	18.76	18.92	19.00
	8	LOW	Q16	18.18	18.31	18.41	19.00
		MID	Q16	18.29	18.65	18.59	19.00
		HIGH	Q16	18.41	18.51	18.41	19.00
	15	LOW	Q16	18.23	18.53	18.27	19.00
3	1	LOW	64QAM	18.82	18.75	18.69	19.00
		MID	64QAM	18.71	18.97	18.82	19.00
		HIGH	64QAM	18.61	18.91	18.86	19.00
	8	LOW	64QAM	17.99	18.41	18.36	19.00
		MID	64QAM	18.53	18.48	18.75	19.00
		HIGH	64QAM	18.14	18.52	18.42	19.00
	15	LOW	64QAM	18.54	18.40	18.38	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.27	18.61	18.52	19.00
		MID	QPSK	18.79	18.69	18.88	19.00
		HIGH	QPSK	18.69	18.76	18.61	19.00
	36	LOW	QPSK	18.26	18.42	18.49	19.00
		MID	QPSK	18.45	18.71	18.56	19.00
		HIGH	QPSK	18.69	18.75	18.57	19.00
	75	LOW	QPSK	18.56	18.67	18.46	19.00
5	1	LOW	Q16	18.58	18.96	18.78	19.00
		MID	Q16	18.87	18.95	18.73	19.00
		HIGH	Q16	18.64	18.84	18.81	19.00
	36	LOW	Q16	18.27	18.34	18.32	19.00
		MID	Q16	18.45	18.57	18.50	19.00
		HIGH	Q16	18.49	18.63	18.27	19.00
	75	LOW	Q16	18.25	18.49	18.43	19.00
5	1	LOW	64QAM	18.60	18.86	18.71	19.00
		MID	64QAM	18.79	18.83	18.95	19.00
		HIGH	64QAM	18.55	18.82	18.76	19.00
	36	LOW	64QAM	18.11	18.47	18.40	19.00
		MID	64QAM	18.37	18.56	18.76	19.00
		HIGH	64QAM	18.13	18.53	18.53	19.00
	75	LOW	64QAM	18.31	18.54	18.32	19.00

LTE B2-DSI 3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.53	18.50	18.49	19.00
		MID	QPSK	18.67	18.78	18.96	19.00
		HIGH	QPSK	18.76	18.55	18.78	19.00
	50	LOW	QPSK	18.26	18.50	18.63	19.00
		MID	QPSK	18.65	18.60	18.60	19.00
		HIGH	QPSK	18.65	18.63	18.57	19.00
	100	LOW	QPSK	18.57	18.51	18.73	19.00
10	1	LOW	Q16	18.75	19.00	18.76	19.00
		MID	Q16	18.99	18.98	19.00	19.00
		HIGH	Q16	18.80	18.94	18.96	19.00
	50	LOW	Q16	18.18	18.37	18.52	19.00
		MID	Q16	18.28	18.50	18.61	19.00
		HIGH	Q16	18.29	18.39	18.43	19.00
	100	LOW	Q16	18.41	18.37	18.49	19.00
10	1	LOW	64QAM	18.75	18.68	18.60	19.00
		MID	64QAM	18.80	18.99	18.75	19.00
		HIGH	64QAM	18.51	18.88	18.70	19.00
	50	LOW	64QAM	18.06	18.53	18.46	19.00
		MID	64QAM	18.51	18.39	18.60	19.00
		HIGH	64QAM	18.22	18.56	18.31	19.00
	100	LOW	64QAM	18.34	18.45	18.48	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.50	18.46	18.67	19.00
		MID	QPSK	18.68	18.66	18.96	19.00
		HIGH	QPSK	18.61	18.72	18.61	19.00
	36	LOW	QPSK	18.35	18.58	18.66	19.00
		MID	QPSK	18.65	18.55	18.69	19.00
		HIGH	QPSK	18.73	18.82	18.47	19.00
	75	LOW	QPSK	18.55	18.52	18.74	19.00
15	1	LOW	Q16	18.71	18.90	18.72	19.00
		MID	Q16	18.94	18.91	18.98	19.00
		HIGH	Q16	18.68	18.94	18.76	19.00
	36	LOW	Q16	18.09	18.50	18.35	19.00
		MID	Q16	18.33	18.70	18.57	19.00
		HIGH	Q16	18.28	18.56	18.53	19.00
	75	LOW	Q16	18.40	18.53	18.52	19.00
15	1	LOW	64QAM	18.71	18.74	18.58	19.00
		MID	64QAM	18.77	18.98	18.88	19.00
		HIGH	64QAM	18.65	18.95	18.91	19.00
	36	LOW	64QAM	18.05	18.38	18.28	19.00
		MID	64QAM	18.33	18.66	18.71	19.00
		HIGH	64QAM	18.37	18.35	18.27	19.00
	75	LOW	64QAM	18.32	18.33	18.42	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.42	18.60	18.57	19.00
		MID	QPSK	18.83	18.80	18.69	19.00
		HIGH	QPSK	18.61	18.64	18.70	19.00
	50	LOW	QPSK	18.39	18.57	18.58	19.00
		MID	QPSK	18.59	18.68	18.69	19.00
		HIGH	QPSK	18.70	18.61	18.58	19.00
	100	LOW	QPSK	18.52	18.62	18.60	19.00
20	1	LOW	Q16	18.68	18.86	18.75	19.00
		MID	Q16	18.90	18.88	19.00	19.00
		HIGH	Q16	18.74	18.88	18.83	19.00
	50	LOW	Q16	18.17	18.39	18.43	19.00
		MID	Q16	18.42	18.55	18.49	19.00
		HIGH	Q16	18.38	18.52	18.38	19.00
	100	LOW	Q16	18.32	18.49	18.40	19.00
20	1	LOW	64QAM	18.80	18.83	18.66	19.00
		MID	64QAM	18.82	18.92	18.93	19.00
		HIGH	64QAM	18.62	19.00	18.81	19.00
	50	LOW	64QAM	18.07	18.53	18.35	19.00
		MID	64QAM	18.47	18.51	18.61	19.00
		HIGH	64QAM	18.23	18.48	18.38	19.00
	100	LOW	64QAM	18.42	18.39	18.39	19.00

LTE B2-DSI 4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.52	18.47	18.64	19.00
		MID	QPSK	18.63	18.66	18.88	19.00
		HIGH	QPSK	18.65	18.77	18.72	19.00
	3	LOW	QPSK	18.56	18.62	18.60	19.00
		MID	QPSK	18.72	18.67	18.70	19.00
		HIGH	QPSK	18.61	18.54	18.64	19.00
	6	LOW	QPSK	18.50	18.55	18.47	19.00
1.4	1	LOW	Q16	18.77	18.91	18.75	19.00
		MID	Q16	18.98	18.85	18.93	19.00
		HIGH	Q16	18.69	18.86	18.88	19.00
	3	LOW	Q16	18.81	18.97	18.90	19.00
		MID	Q16	19.00	18.84	18.83	19.00
		HIGH	Q16	18.84	18.90	18.70	19.00
	6	LOW	Q16	18.27	18.38	18.50	19.00
1.4	1	LOW	64QAM	18.85	18.87	18.73	19.00
		MID	64QAM	18.67	18.88	18.95	19.00
		HIGH	64QAM	18.72	18.87	18.71	19.00
	3	LOW	64QAM	18.89	18.81	18.78	19.00
		MID	64QAM	18.78	18.85	18.92	19.00
		HIGH	64QAM	18.51	18.90	18.86	19.00
	6	LOW	64QAM	18.38	18.27	18.43	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.50	18.45	18.69	19.00
		MID	QPSK	18.76	18.94	18.80	19.00
		HIGH	QPSK	18.75	18.68	18.56	19.00
	8	LOW	QPSK	18.40	18.54	18.47	19.00
		MID	QPSK	18.73	18.76	18.55	19.00
		HIGH	QPSK	18.51	18.74	18.48	19.00
	15	LOW	QPSK	18.62	18.77	18.72	19.00
3	1	LOW	Q16	18.72	18.81	18.79	19.00
		MID	Q16	18.86	18.87	18.87	19.00
		HIGH	Q16	18.67	18.76	18.92	19.00
	8	LOW	Q16	18.18	18.31	18.41	19.00
		MID	Q16	18.29	18.65	18.59	19.00
		HIGH	Q16	18.41	18.51	18.41	19.00
	15	LOW	Q16	18.23	18.53	18.27	19.00
3	1	LOW	64QAM	18.82	18.75	18.69	19.00
		MID	64QAM	18.71	18.97	18.82	19.00
		HIGH	64QAM	18.61	18.91	18.86	19.00
	8	LOW	64QAM	17.99	18.41	18.36	19.00
		MID	64QAM	18.53	18.48	18.75	19.00
		HIGH	64QAM	18.14	18.52	18.42	19.00
	15	LOW	64QAM	18.54	18.40	18.38	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.27	18.61	18.52	19.00
		MID	QPSK	18.79	18.69	18.88	19.00
		HIGH	QPSK	18.69	18.76	18.61	19.00
	36	LOW	QPSK	18.26	18.42	18.49	19.00
		MID	QPSK	18.45	18.71	18.56	19.00
		HIGH	QPSK	18.69	18.75	18.57	19.00
	75	LOW	QPSK	18.56	18.67	18.46	19.00
5	1	LOW	Q16	18.58	18.96	18.78	19.00
		MID	Q16	18.87	18.95	18.73	19.00
		HIGH	Q16	18.64	18.84	18.81	19.00
	36	LOW	Q16	18.27	18.34	18.32	19.00
		MID	Q16	18.45	18.57	18.50	19.00
		HIGH	Q16	18.49	18.63	18.27	19.00
	75	LOW	Q16	18.25	18.49	18.43	19.00
5	1	LOW	64QAM	18.60	18.86	18.71	19.00
		MID	64QAM	18.79	18.83	18.95	19.00
		HIGH	64QAM	18.55	18.82	18.76	19.00
	36	LOW	64QAM	18.11	18.47	18.40	19.00
		MID	64QAM	18.37	18.56	18.76	19.00
		HIGH	64QAM	18.13	18.53	18.53	19.00
	75	LOW	64QAM	18.31	18.54	18.32	19.00

LTE B2-DSI 4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.53	18.50	18.49	19.00
		MID	QPSK	18.67	18.78	18.96	19.00
		HIGH	QPSK	18.76	18.55	18.78	19.00
	50	LOW	QPSK	18.26	18.50	18.63	19.00
		MID	QPSK	18.65	18.60	18.60	19.00
		HIGH	QPSK	18.65	18.63	18.57	19.00
	100	LOW	QPSK	18.57	18.51	18.73	19.00
10	1	LOW	Q16	18.75	19.00	18.76	19.00
		MID	Q16	18.99	18.98	19.00	19.00
		HIGH	Q16	18.80	18.94	18.96	19.00
	50	LOW	Q16	18.18	18.37	18.52	19.00
		MID	Q16	18.28	18.50	18.61	19.00
		HIGH	Q16	18.29	18.39	18.43	19.00
	100	LOW	Q16	18.41	18.37	18.49	19.00
10	1	LOW	64QAM	18.75	18.68	18.60	19.00
		MID	64QAM	18.80	18.99	18.75	19.00
		HIGH	64QAM	18.51	18.88	18.70	19.00
	50	LOW	64QAM	18.06	18.53	18.46	19.00
		MID	64QAM	18.51	18.39	18.60	19.00
		HIGH	64QAM	18.22	18.56	18.31	19.00
	100	LOW	64QAM	18.34	18.45	18.48	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.50	18.46	18.67	19.00
		MID	QPSK	18.68	18.66	18.96	19.00
		HIGH	QPSK	18.61	18.72	18.61	19.00
	36	LOW	QPSK	18.35	18.58	18.66	19.00
		MID	QPSK	18.65	18.55	18.69	19.00
		HIGH	QPSK	18.73	18.82	18.47	19.00
	75	LOW	QPSK	18.55	18.52	18.74	19.00
15	1	LOW	Q16	18.71	18.90	18.72	19.00
		MID	Q16	18.94	18.91	18.98	19.00
		HIGH	Q16	18.68	18.94	18.76	19.00
	36	LOW	Q16	18.09	18.50	18.35	19.00
		MID	Q16	18.33	18.70	18.57	19.00
		HIGH	Q16	18.28	18.56	18.53	19.00
	75	LOW	Q16	18.40	18.53	18.52	19.00
15	1	LOW	64QAM	18.71	18.74	18.58	19.00
		MID	64QAM	18.77	18.98	18.88	19.00
		HIGH	64QAM	18.65	18.95	18.91	19.00
	36	LOW	64QAM	18.05	18.38	18.28	19.00
		MID	64QAM	18.33	18.66	18.71	19.00
		HIGH	64QAM	18.37	18.35	18.27	19.00
	75	LOW	64QAM	18.32	18.33	18.42	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.42	18.60	18.57	19.00
		MID	QPSK	18.83	18.80	18.69	19.00
		HIGH	QPSK	18.61	18.64	18.70	19.00
	50	LOW	QPSK	18.39	18.57	18.58	19.00
		MID	QPSK	18.59	18.68	18.69	19.00
		HIGH	QPSK	18.70	18.61	18.58	19.00
	100	LOW	QPSK	18.52	18.62	18.60	19.00
20	1	LOW	Q16	18.68	18.86	18.75	19.00
		MID	Q16	18.90	18.88	19.00	19.00
		HIGH	Q16	18.74	18.88	18.83	19.00
	50	LOW	Q16	18.17	18.39	18.43	19.00
		MID	Q16	18.42	18.55	18.49	19.00
		HIGH	Q16	18.38	18.52	18.38	19.00
	100	LOW	Q16	18.32	18.49	18.40	19.00
20	1	LOW	64QAM	18.80	18.83	18.66	19.00
		MID	64QAM	18.82	18.92	18.93	19.00
		HIGH	64QAM	18.62	19.00	18.81	19.00
	50	LOW	64QAM	18.07	18.53	18.35	19.00
		MID	64QAM	18.47	18.51	18.61	19.00
		HIGH	64QAM	18.23	18.48	18.38	19.00
	100	LOW	64QAM	18.42	18.39	18.39	19.00

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	24.83	24.70	24.95	25.50
		MID	QPSK	25.16	25.20	25.06	25.50
		HIGH	QPSK	25.00	25.06	25.07	25.50
	3	LOW	QPSK	24.75	24.83	24.68	25.50
		MID	QPSK	25.01	25.12	25.13	25.50
		HIGH	QPSK	24.83	25.07	25.01	25.50
1.4	1	LOW	Q16	24.01	23.92	24.08	24.50
		MID	Q16	24.27	24.18	24.16	24.50
		HIGH	Q16	24.38	24.22	24.21	24.50
	3	LOW	Q16	24.27	24.30	24.36	24.50
		MID	Q16	24.19	24.12	24.08	24.50
		HIGH	Q16	24.41	24.44	24.22	24.50
1.4	1	LOW	Q16	24.19	24.31	24.22	24.50
		MID	Q16	22.82	22.80	23.04	23.50
		HIGH	Q16	22.82	22.80	23.04	23.50
	3	LOW	64QAM	23.25	23.14	22.98	23.50
		MID	64QAM	23.47	23.27	23.10	23.50
		HIGH	64QAM	23.18	23.20	23.31	23.50
1.4	1	LOW	64QAM	23.18	23.07	22.93	23.50
		MID	64QAM	23.35	23.44	23.20	23.50
		HIGH	64QAM	23.31	23.26	23.24	23.50
	3	LOW	64QAM	21.76	21.91	21.77	22.50
		MID	64QAM	21.76	21.91	21.77	22.50
		HIGH	64QAM	21.76	21.91	21.77	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.74	24.71	24.89	25.50
		MID	QPSK	25.02	25.13	25.08	25.50
		HIGH	QPSK	25.11	25.03	24.97	25.50
	8	LOW	QPSK	23.97	23.80	23.91	24.50
		MID	QPSK	23.97	23.90	24.12	24.50
		HIGH	QPSK	23.85	24.12	23.98	24.50
3	1	LOW	QPSK	23.90	23.96	23.96	24.50
		MID	QPSK	23.90	23.96	23.96	24.50
		HIGH	QPSK	23.90	23.96	23.96	24.50
	8	LOW	Q16	24.17	23.99	24.13	24.50
		MID	Q16	24.39	24.27	24.29	24.50
		HIGH	Q16	24.25	24.05	24.35	24.50
3	1	LOW	Q16	22.83	22.77	22.93	23.50
		MID	Q16	22.83	22.77	22.93	23.50
		HIGH	Q16	22.83	22.77	22.93	23.50
	8	LOW	Q16	23.08	22.89	22.91	23.50
		MID	Q16	23.08	22.89	22.91	23.50
		HIGH	Q16	23.06	23.09	22.87	23.50
3	1	LOW	Q16	23.01	23.00	22.99	23.50
		MID	Q16	23.01	23.00	22.99	23.50
		HIGH	Q16	23.01	23.00	22.99	23.50
	8	LOW	64QAM	23.31	23.16	22.87	23.50
		MID	64QAM	23.23	23.25	23.12	23.50
		HIGH	64QAM	23.17	23.14	23.41	23.50
3	1	LOW	64QAM	23.17	23.14	23.41	23.50
		MID	64QAM	21.92	22.09	21.89	22.50
		HIGH	64QAM	21.92	22.09	21.89	22.50
	8	LOW	64QAM	21.77	22.16	22.00	22.50
		MID	64QAM	21.77	22.16	22.00	22.50
		HIGH	64QAM	22.23	22.01	22.05	22.50
3	1	LOW	64QAM	22.23	22.01	22.05	22.50
		MID	64QAM	21.93	22.03	21.89	22.50
		HIGH	64QAM	21.93	22.03	21.89	22.50
	8	LOW	64QAM	21.93	22.03	21.89	22.50
		MID	64QAM	21.93	22.03	21.89	22.50
		HIGH	64QAM	21.93	22.03	21.89	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.90	24.91	24.67	25.50
		MID	QPSK	25.20	24.95	25.02	25.50
		HIGH	QPSK	24.97	24.89	25.01	25.50
	36	LOW	QPSK	23.76	23.88	23.85	24.50
		MID	QPSK	24.04	24.08	23.98	24.50
		HIGH	QPSK	23.85	24.02	23.84	24.50
5	1	LOW	QPSK	23.85	23.93	23.81	24.50
		MID	QPSK	23.85	23.93	23.81	24.50
		HIGH	QPSK	23.85	23.93	23.81	24.50
	36	LOW	Q16	24.16	23.94	24.02	24.50
		MID	Q16	23.39	24.32	24.30	24.50
		HIGH	Q16	24.20	24.26	24.20	24.50
5	1	LOW	Q16	22.79	22.93	22.96	23.50
		MID	Q16	22.79	22.93	22.96	23.50
		HIGH	Q16	22.79	22.93	22.96	23.50
	36	LOW	Q16	23.01	22.93	23.06	23.50
		MID	Q16	22.96	22.84	22.98	23.50
		HIGH	Q16	22.96	22.84	22.98	23.50
5	1	LOW	Q16	22.92	22.99	23.06	23.50
		MID	Q16	22.92	22.99	23.06	23.50
		HIGH	Q16	22.92	22.99	23.06	23.50
	36	LOW	64QAM	23.28	23.12	23.09	23.50
		MID	64QAM	23.23	23.26	23.20	23.50
		HIGH	64QAM	23.19	23.40	23.34	23.50
5	1	LOW	64QAM	23.19	23.40	23.34	23.50
		MID	64QAM	21.86	22.12	21.96	22.50
		HIGH	64QAM	21.86	22.12	21.96	22.50
	36	LOW	64QAM	21.98	22.16	21.92	22.50
		MID	64QAM	22.05	22.10	21.98	22.50
		HIGH	64QAM	22.05	22.10	21.98	22.50
5	1	LOW	64QAM	21.87	22.16	21.63	22.50
		MID	64QAM	21.87	22.16	21.63	22.50
		HIGH	64QAM	21.87	22.16	21.63	22.50
	36	LOW	64QAM	21.87	22.16	21.63	22.50
		MID	64QAM	21.87	22.16	21.63	22.50
		HIGH	64QAM	21.87	22.16	21.63	22.50

LTE B4-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.75	24.91	24.89	25.50
		MID	QPSK	24.98	24.94	25.21	25.50
		HIGH	QPSK	24.83	25.03	24.87	25.50
	50	LOW	QPSK	23.96	23.92	23.90	24.50
		MID	QPSK	23.90	23.93	24.00	24.50
		HIGH	QPSK	24.08	23.91	23.96	24.50
	100	LOW	QPSK	23.82	23.88	24.05	24.50
10	1	LOW	Q16	24.35	24.22	23.94	24.50
		MID	Q16	24.45	24.42	24.36	24.50
		HIGH	Q16	24.22	24.13	24.24	24.50
	50	LOW	Q16	22.81	22.98	22.98	23.50
		MID	Q16	23.02	23.03	23.04	23.50
		HIGH	Q16	23.15	23.13	22.83	23.50
	100	LOW	Q16	23.02	22.80	22.96	23.50
10	1	LOW	64QAM	23.17	23.18	23.07	23.50
		MID	64QAM	23.32	23.22	23.31	23.50
		HIGH	64QAM	23.33	23.25	23.15	23.50
	50	LOW	64QAM	22.00	21.97	21.95	22.50
		MID	64QAM	21.96	22.31	22.11	22.50
		HIGH	64QAM	21.98	22.06	21.85	22.50
	100	LOW	64QAM	21.73	22.14	21.81	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.84	24.92	24.83	25.50
		MID	QPSK	25.18	25.16	25.00	25.50
		HIGH	QPSK	24.95	24.86	24.88	25.50
	36	LOW	QPSK	23.91	23.99	23.95	24.50
		MID	QPSK	23.92	24.12	24.01	24.50
		HIGH	QPSK	24.12	24.03	24.11	24.50
	75	LOW	QPSK	23.82	23.80	23.96	24.50
15	1	LOW	Q16	24.23	23.96	24.16	24.50
		MID	Q16	24.41	24.22	24.17	24.50
		HIGH	Q16	24.20	24.14	24.19	24.50
	36	LOW	Q16	22.79	22.95	22.86	23.50
		MID	Q16	23.20	23.01	22.95	23.50
		HIGH	Q16	22.93	23.13	23.08	23.50
	75	LOW	Q16	22.85	22.75	22.78	23.50
15	1	LOW	64QAM	23.26	23.09	23.00	23.50
		MID	64QAM	23.45	23.29	23.21	23.50
		HIGH	64QAM	23.05	23.28	23.34	23.50
	36	LOW	64QAM	21.87	21.86	21.92	22.50
		MID	64QAM	21.88	22.13	22.13	22.50
		HIGH	64QAM	22.15	22.10	21.99	22.50
	75	LOW	64QAM	21.77	21.90	21.74	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.84	24.84	24.82	25.50
		MID	QPSK	25.09	25.08	25.08	25.50
		HIGH	QPSK	24.98	24.99	24.98	25.50
	50	LOW	QPSK	23.84	23.86	23.92	24.50
		MID	QPSK	24.00	23.98	24.02	24.50
		HIGH	QPSK	24.05	24.01	23.98	24.50
	100	LOW	QPSK	23.92	23.89	23.93	24.50
20	1	LOW	Q16	24.21	24.08	24.06	24.50
		MID	Q16	24.46	24.29	24.28	24.50
		HIGH	Q16	24.34	24.19	24.22	24.50
	50	LOW	Q16	22.83	22.86	22.85	23.50
		MID	Q16	23.05	23.02	22.95	23.50
		HIGH	Q16	23.01	22.98	22.93	23.50
	100	LOW	Q16	22.93	22.88	22.92	23.50
20	1	LOW	64QAM	23.27	23.19	22.99	23.50
		MID	64QAM	23.38	23.35	23.16	23.50
		HIGH	64QAM	23.19	23.28	23.28	23.50
	50	LOW	64QAM	21.98	22.00	21.93	22.50
		MID	64QAM	21.91	22.17	22.02	22.50
		HIGH	64QAM	22.08	22.08	21.91	22.50
	100	LOW	64QAM	21.81	22.02	21.77	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	20.26	20.51	20.32	21.00
		MID	QPSK	20.54	20.74	20.61	21.00
		HIGH	QPSK	20.59	20.58	20.69	21.00
	3	LOW	QPSK	20.45	20.36	20.50	21.00
		MID	QPSK	20.72	20.54	20.54	21.00
		HIGH	QPSK	20.55	20.72	20.44	21.00
	6	LOW	QPSK	20.52	20.53	20.43	21.00
1.4	1	LOW	Q16	20.74	20.65	20.40	21.00
		MID	Q16	20.91	20.87	20.59	21.00
		HIGH	Q16	20.93	20.75	20.75	21.00
	3	LOW	Q16	20.76	20.45	20.63	21.00
		MID	Q16	21.00	20.79	20.59	21.00
		HIGH	Q16	20.74	20.57	20.63	21.00
	6	LOW	Q16	20.34	20.33	20.22	21.00
1.4	1	LOW	64QAM	20.74	20.37	20.60	21.00
		MID	64QAM	20.94	20.87	20.97	21.00
		HIGH	64QAM	20.85	20.83	20.62	21.00
	3	LOW	64QAM	20.76	20.56	20.37	21.00
		MID	64QAM	20.73	21.00	20.74	21.00
		HIGH	64QAM	20.74	20.59	20.57	21.00
	6	LOW	64QAM	20.31	20.31	20.32	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.39	20.58	20.36	21.00
		MID	QPSK	20.59	20.77	20.57	21.00
		HIGH	QPSK	20.61	20.70	20.55	21.00
	8	LOW	QPSK	20.49	20.57	20.53	21.00
		MID	QPSK	20.62	20.47	20.66	21.00
		HIGH	QPSK	20.66	20.62	20.58	21.00
	15	LOW	QPSK	20.43	20.43	20.45	21.00
3	1	LOW	Q16	20.73	20.55	20.58	21.00
		MID	Q16	20.86	20.70	20.61	21.00
		HIGH	Q16	20.74	20.67	20.74	21.00
	8	LOW	Q16	20.23	20.13	20.08	21.00
		MID	Q16	20.48	20.22	20.32	21.00
		HIGH	Q16	20.24	20.30	20.20	21.00
	15	LOW	Q16	20.35	20.15	20.41	21.00
3	1	LOW	64QAM	20.83	20.44	20.60	21.00
		MID	64QAM	20.73	20.88	20.72	21.00
		HIGH	64QAM	20.67	20.74	20.81	21.00
	8	LOW	64QAM	20.35	20.30	20.01	21.00
		MID	64QAM	20.60	20.09	20.18	21.00
		HIGH	64QAM	20.43	20.55	20.13	21.00
	15	LOW	64QAM	20.58	20.31	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.42	20.56	20.29	21.00
		MID	QPSK	20.62	20.58	20.67	21.00
		HIGH	QPSK	20.46	20.63	20.64	21.00
	36	LOW	QPSK	20.46	20.30	20.44	21.00
		MID	QPSK	20.46	20.64	20.54	21.00
		HIGH	QPSK	20.52	20.61	20.62	21.00
	75	LOW	QPSK	20.32	20.32	20.41	21.00
5	1	LOW	Q16	20.78	20.53	20.64	21.00
		MID	Q16	20.91	20.88	20.82	21.00
		HIGH	Q16	20.68	20.71	20.73	21.00
	36	LOW	Q16	20.27	20.28	20.11	21.00
		MID	Q16	20.56	20.38	20.33	21.00
		HIGH	Q16	20.42	20.35	20.38	21.00
	75	LOW	Q16	20.44	20.41	20.41	21.00
5	1	LOW	64QAM	20.83	20.44	20.46	21.00
		MID	64QAM	20.90	20.89	20.91	21.00
		HIGH	64QAM	20.56	20.61	20.61	21.00
	36	LOW	64QAM	20.37	20.07	20.08	21.00
		MID	64QAM	20.62	20.37	20.34	21.00
		HIGH	64QAM	20.28	20.37	20.12	21.00
	75	LOW	64QAM	20.50	20.29	20.42	21.00

LTE B4-DSI 1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.33	20.48	20.51	21.00
		MID	QPSK	20.54	20.58	20.65	21.00
		HIGH	QPSK	20.71	20.68	20.61	21.00
	50	LOW	QPSK	20.35	20.28	20.54	21.00
		MID	QPSK	20.44	20.42	20.46	21.00
		HIGH	QPSK	20.46	20.38	20.47	21.00
	100	LOW	QPSK	20.34	20.35	20.46	21.00
10	1	LOW	Q16	20.66	20.59	20.56	21.00
		MID	Q16	20.95	20.76	20.74	21.00
		HIGH	Q16	20.93	20.73	20.82	21.00
	50	LOW	Q16	20.40	20.31	20.29	21.00
		MID	Q16	20.48	20.33	20.27	21.00
		HIGH	Q16	20.48	20.28	20.16	21.00
	100	LOW	Q16	20.27	20.18	20.38	21.00
10	1	LOW	64QAM	20.68	20.38	20.63	21.00
		MID	64QAM	20.71	20.73	20.96	21.00
		HIGH	64QAM	20.60	20.80	20.75	21.00
	50	LOW	64QAM	20.08	20.32	20.04	21.00
		MID	64QAM	20.37	20.13	20.15	21.00
		HIGH	64QAM	20.22	20.26	20.31	21.00
	100	LOW	64QAM	20.40	20.33	20.23	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.47	20.39	20.41	21.00
		MID	QPSK	20.64	20.56	20.72	21.00
		HIGH	QPSK	20.63	20.60	20.68	21.00
	36	LOW	QPSK	20.25	20.35	20.48	21.00
		MID	QPSK	20.62	20.47	20.39	21.00
		HIGH	QPSK	20.61	20.41	20.54	21.00
	75	LOW	QPSK	20.50	20.53	20.53	21.00
15	1	LOW	Q16	20.69	20.60	20.65	21.00
		MID	Q16	20.92	20.88	20.65	21.00
		HIGH	Q16	20.69	20.58	20.56	21.00
	36	LOW	Q16	20.24	20.24	20.24	21.00
		MID	Q16	20.28	20.35	20.23	21.00
		HIGH	Q16	20.42	20.36	20.25	21.00
	75	LOW	Q16	20.44	20.27	20.18	21.00
15	1	LOW	64QAM	20.80	20.61	20.37	21.00
		MID	64QAM	20.75	20.93	20.72	21.00
		HIGH	64QAM	20.66	20.60	20.66	21.00
	36	LOW	64QAM	20.32	20.09	20.16	21.00
		MID	64QAM	20.45	20.37	20.36	21.00
		HIGH	64QAM	20.22	20.31	20.15	21.00
	75	LOW	64QAM	20.29	20.30	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.40	20.43	20.39	21.00
		MID	QPSK	20.69	20.64	20.68	21.00
		HIGH	QPSK	20.59	20.61	20.58	21.00
	50	LOW	QPSK	20.38	20.42	20.43	21.00
		MID	QPSK	20.53	20.52	20.54	21.00
		HIGH	QPSK	20.55	20.51	20.53	21.00
	100	LOW	QPSK	20.44	20.45	20.51	21.00
20	1	LOW	Q16	20.65	20.58	20.52	21.00
		MID	Q16	20.94	20.81	20.74	21.00
		HIGH	Q16	20.81	20.65	20.67	21.00
	50	LOW	Q16	20.25	20.25	20.20	21.00
		MID	Q16	20.42	20.35	20.29	21.00
		HIGH	Q16	20.37	20.34	20.30	21.00
	100	LOW	Q16	20.33	20.26	20.29	21.00
20	1	LOW	64QAM	20.78	20.52	20.50	21.00
		MID	64QAM	20.84	20.86	20.86	21.00
		HIGH	64QAM	20.70	20.69	20.71	21.00
	50	LOW	64QAM	20.23	20.19	20.12	21.00
		MID	64QAM	20.50	20.23	20.26	21.00
		HIGH	64QAM	20.36	20.40	20.20	21.00
	100	LOW	64QAM	20.43	20.19	20.37	21.00

LTE B4-DSI 3-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.75	24.91	24.89	25.50
		MID	QPSK	24.98	24.94	25.21	25.50
		HIGH	QPSK	24.83	25.03	24.87	25.50
	50	LOW	QPSK	23.96	23.92	23.90	24.50
		MID	QPSK	23.90	23.93	24.00	24.50
		HIGH	QPSK	24.08	23.91	23.96	24.50
	100	LOW	QPSK	23.82	23.88	24.05	24.50
10	1	LOW	Q16	24.35	24.22	23.94	24.50
		MID	Q16	24.45	24.42	24.36	24.50
		HIGH	Q16	24.22	24.13	24.24	24.50
	50	LOW	Q16	22.81	22.98	22.98	23.50
		MID	Q16	23.02	23.03	23.04	23.50
		HIGH	Q16	23.15	23.13	22.83	23.50
	100	LOW	Q16	23.02	22.80	22.96	23.50
10	1	LOW	64QAM	23.17	23.18	23.07	23.50
		MID	64QAM	23.32	23.22	23.31	23.50
		HIGH	64QAM	23.33	23.25	23.15	23.50
	50	LOW	64QAM	22.00	21.97	21.95	22.50
		MID	64QAM	21.96	22.31	22.11	22.50
		HIGH	64QAM	21.98	22.06	21.85	22.50
	100	LOW	64QAM	21.73	22.14	21.81	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.84	24.92	24.83	25.50
		MID	QPSK	25.18	25.16	25.00	25.50
		HIGH	QPSK	24.95	24.86	24.88	25.50
	36	LOW	QPSK	23.91	23.99	23.95	24.50
		MID	QPSK	23.92	24.12	24.01	24.50
		HIGH	QPSK	24.12	24.03	24.11	24.50
	75	LOW	QPSK	23.82	23.80	23.96	24.50
15	1	LOW	Q16	24.23	23.96	24.16	24.50
		MID	Q16	24.41	24.22	24.17	24.50
		HIGH	Q16	24.20	24.14	24.19	24.50
	36	LOW	Q16	22.79	22.95	22.86	23.50
		MID	Q16	23.20	23.01	22.95	23.50
		HIGH	Q16	22.93	23.13	23.08	23.50
	75	LOW	Q16	22.85	22.75	22.78	23.50
15	1	LOW	64QAM	23.26	23.09	23.00	23.50
		MID	64QAM	23.45	23.29	23.21	23.50
		HIGH	64QAM	23.05	23.28	23.34	23.50
	36	LOW	64QAM	21.87	21.86	21.92	22.50
		MID	64QAM	21.88	22.13	22.13	22.50
		HIGH	64QAM	22.15	22.10	21.99	22.50
	75	LOW	64QAM	21.77	21.90	21.74	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.84	24.84	24.82	25.50
		MID	QPSK	25.09	25.08	25.08	25.50
		HIGH	QPSK	24.98	24.99	24.98	25.50
	50	LOW	QPSK	23.84	23.86	23.92	24.50
		MID	QPSK	24.00	23.98	24.02	24.50
		HIGH	QPSK	24.05	24.01	23.98	24.50
	100	LOW	QPSK	23.92	23.89	23.93	24.50
20	1	LOW	Q16	24.21	24.08	24.06	24.50
		MID	Q16	24.46	24.29	24.28	24.50
		HIGH	Q16	24.34	24.19	24.22	24.50
	50	LOW	Q16	22.83	22.86	22.85	23.50
		MID	Q16	23.05	23.02	22.95	23.50
		HIGH	Q16	23.01	22.98	22.93	23.50
	100	LOW	Q16	22.93	22.88	22.92	23.50
20	1	LOW	64QAM	23.27	23.19	22.99	23.50
		MID	64QAM	23.38	23.35	23.16	23.50
		HIGH	64QAM	23.19	23.28	23.28	23.50
	50	LOW	64QAM	21.98	22.00	21.93	22.50
		MID	64QAM	21.91	22.17	22.02	22.50
		HIGH	64QAM	22.08	22.08	21.91	22.50
	100	LOW	64QAM	21.81	22.02	21.77	22.50

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	19.55	19.61	19.63	20.00
		MID	QPSK	19.79	19.73	19.87	20.00
		HIGH	QPSK	19.85	19.76	19.76	20.00
	3	LOW	QPSK	19.55	19.54	19.62	20.00
		MID	QPSK	19.90	19.76	19.76	20.00
		HIGH	QPSK	19.78	19.90	19.80	20.00
	6	LOW	QPSK	19.60	19.78	19.88	20.00
1.4	1	LOW	Q16	19.92	19.83	19.86	20.00
		MID	Q16	19.88	19.97	19.90	20.00
		HIGH	Q16	19.99	19.88	19.88	20.00
	3	LOW	Q16	19.85	19.95	19.74	20.00
		MID	Q16	19.93	19.98	19.97	20.00
		HIGH	Q16	19.88	19.97	19.88	20.00
	6	LOW	Q16	19.48	19.64	19.69	20.00
1.4	1	LOW	64QAM	20.00	19.70	19.83	20.00
		MID	64QAM	19.98	19.99	19.86	20.00
		HIGH	64QAM	19.84	19.89	19.71	20.00
	3	LOW	64QAM	19.99	19.69	19.88	20.00
		MID	64QAM	19.97	19.95	19.97	20.00
		HIGH	64QAM	19.99	19.86	19.86	20.00
	6	LOW	64QAM	19.71	19.62	19.48	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.54	19.78	19.46	20.00
		MID	QPSK	19.72	19.81	19.91	20.00
		HIGH	QPSK	19.74	19.68	19.64	20.00
	8	LOW	QPSK	19.69	19.57	19.58	20.00
		MID	QPSK	19.73	19.67	19.77	20.00
		HIGH	QPSK	19.80	19.67	19.74	20.00
	15	LOW	QPSK	19.59	19.79	19.62	20.00
3	1	LOW	Q16	19.88	19.86	19.81	20.00
		MID	Q16	19.91	19.98	19.96	20.00
		HIGH	Q16	19.96	19.93	20.00	20.00
	8	LOW	Q16	19.53	19.60	19.51	20.00
		MID	Q16	19.78	19.75	19.69	20.00
		HIGH	Q16	19.75	19.68	19.56	20.00
	15	LOW	Q16	19.69	19.43	19.66	20.00
3	1	LOW	64QAM	19.92	19.66	19.84	20.00
		MID	64QAM	19.96	19.98	19.98	20.00
		HIGH	64QAM	19.87	19.82	19.91	20.00
	8	LOW	64QAM	19.60	19.71	19.68	20.00
		MID	64QAM	19.93	19.77	19.67	20.00
		HIGH	64QAM	19.50	19.75	19.45	20.00
	15	LOW	64QAM	19.71	19.39	19.53	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.65	19.72	19.73	20.00
		MID	QPSK	19.72	19.93	20.00	20.00
		HIGH	QPSK	19.70	19.86	19.74	20.00
	36	LOW	QPSK	19.77	19.75	19.71	20.00
		MID	QPSK	19.84	19.85	19.82	20.00
		HIGH	QPSK	19.73	19.92	19.82	20.00
	75	LOW	QPSK	19.82	19.58	19.73	20.00
5	1	LOW	Q16	19.85	19.85	19.85	20.00
		MID	Q16	19.75	19.96	19.81	20.00
		HIGH	Q16	19.75	19.69	19.91	20.00
	36	LOW	Q16	19.41	19.47	19.43	20.00
		MID	Q16	19.64	19.61	19.56	20.00
		HIGH	Q16	19.73	19.74	19.59	20.00
	75	LOW	Q16	19.72	19.44	19.72	20.00
5	1	LOW	64QAM	19.68	19.67	19.63	20.00
		MID	64QAM	19.87	19.71	19.99	20.00
		HIGH	64QAM	19.73	19.72	19.76	20.00
	36	LOW	64QAM	19.46	19.48	19.64	20.00
		MID	64QAM	19.95	19.65	19.70	20.00
		HIGH	64QAM	19.68	19.56	19.63	20.00
	75	LOW	64QAM	19.62	19.62	19.52	20.00

LTE B4-DSI 4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.59	19.57	19.73	20.00
		MID	QPSK	19.89	19.95	19.80	20.00
		HIGH	QPSK	19.65	19.85	19.66	20.00
	50	LOW	QPSK	19.61	19.54	19.54	20.00
		MID	QPSK	19.74	19.85	19.65	20.00
		HIGH	QPSK	19.76	19.77	19.84	20.00
	100	LOW	QPSK	19.58	19.59	19.62	20.00
10	1	LOW	Q16	19.85	19.79	19.73	20.00
		MID	Q16	19.82	19.66	19.64	20.00
		HIGH	Q16	19.76	19.87	19.96	20.00
	50	LOW	Q16	19.51	19.55	19.69	20.00
		MID	Q16	19.67	19.58	19.68	20.00
		HIGH	Q16	19.58	19.70	19.45	20.00
	100	LOW	Q16	19.67	19.67	19.68	20.00
10	1	LOW	64QAM	19.79	19.64	19.89	20.00
		MID	64QAM	19.66	19.77	19.62	20.00
		HIGH	64QAM	19.64	19.94	19.99	20.00
	50	LOW	64QAM	19.62	19.57	19.66	20.00
		MID	64QAM	19.88	19.66	19.58	20.00
		HIGH	64QAM	19.51	19.79	19.63	20.00
	100	LOW	64QAM	19.72	19.48	19.58	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.52	19.50	19.72	20.00
		MID	QPSK	19.92	19.81	19.86	20.00
		HIGH	QPSK	19.92	19.84	19.79	20.00
	36	LOW	QPSK	19.63	19.75	19.80	20.00
		MID	QPSK	19.69	19.77	19.63	20.00
		HIGH	QPSK	19.75	19.70	19.72	20.00
	75	LOW	QPSK	19.73	19.59	19.72	20.00
15	1	LOW	Q16	19.93	19.84	19.95	20.00
		MID	Q16	19.99	19.76	19.81	20.00
		HIGH	Q16	19.62	19.65	19.90	20.00
	36	LOW	Q16	19.59	19.55	19.39	20.00
		MID	Q16	19.81	19.54	19.64	20.00
		HIGH	Q16	19.82	19.79	19.65	20.00
	75	LOW	Q16	19.56	19.55	19.72	20.00
15	1	LOW	64QAM	19.68	19.84	19.92	20.00
		MID	64QAM	19.86	19.99	19.76	20.00
		HIGH	64QAM	19.93	19.99	19.87	20.00
	36	LOW	64QAM	19.46	19.49	19.71	20.00
		MID	64QAM	19.90	19.68	19.75	20.00
		HIGH	64QAM	19.67	19.50	19.55	20.00
	75	LOW	64QAM	19.86	19.36	19.60	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.61	19.64	19.60	20.00
		MID	QPSK	19.86	19.88	19.87	20.00
		HIGH	QPSK	19.79	19.79	19.79	20.00
	50	LOW	QPSK	19.63	19.67	19.67	20.00
		MID	QPSK	19.77	19.76	19.77	20.00
		HIGH	QPSK	19.74	19.78	19.72	20.00
	100	LOW	QPSK	19.69	19.67	19.74	20.00
20	1	LOW	Q16	19.98	19.89	19.83	20.00
		MID	Q16	19.84	19.71	19.66	20.00
		HIGH	Q16	19.71	20.00	19.96	20.00
	50	LOW	Q16	19.53	19.55	19.54	20.00
		MID	Q16	19.69	19.67	19.60	20.00
		HIGH	Q16	19.67	19.64	19.57	20.00
	100	LOW	Q16	19.61	19.55	19.59	20.00
20	1	LOW	64QAM	19.70	19.79	19.91	20.00
		MID	64QAM	19.76	19.73	19.66	20.00
		HIGH	64QAM	19.61	19.67	19.86	20.00
	50	LOW	64QAM	19.61	19.62	19.59	20.00
		MID	64QAM	19.82	19.80	19.61	20.00
		HIGH	64QAM	19.53	19.65	19.55	20.00
	100	LOW	64QAM	19.74	19.51	19.50	20.00

LTE B4-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.87	24.83	25.02	25.50
		MID	QPSK	25.37	25.10	25.27	25.50
		HIGH	QPSK	25.05	25.19	25.14	25.50
	3	LOW	QPSK	25.09	25.05	24.89	25.50
		MID	QPSK	25.31	25.35	25.19	25.50
		HIGH	QPSK	25.15	25.00	24.93	25.50
	6	LOW	QPSK	24.09	23.90	24.21	24.50
1.4	1	LOW	Q16	24.42	24.21	24.22	24.50
		MID	Q16	24.49	24.43	24.41	24.50
		HIGH	Q16	24.47	24.12	24.23	24.50
	3	LOW	Q16	24.31	24.06	23.99	24.50
		MID	Q16	24.36	24.37	24.40	24.50
		HIGH	Q16	24.47	24.32	24.29	24.50
	6	LOW	Q16	22.89	22.78	22.80	23.50
1.4	1	LOW	64QAM	23.15	23.21	23.12	23.50
		MID	64QAM	23.48	23.49	23.26	23.50
		HIGH	64QAM	23.30	23.22	23.28	23.50
	3	LOW	64QAM	23.12	23.10	23.17	23.50
		MID	64QAM	23.42	23.50	23.43	23.50
		HIGH	64QAM	23.37	23.40	23.14	23.50
	6	LOW	64QAM	21.95	21.98	21.94	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	25.02	24.94	24.96	25.50
		MID	QPSK	25.17	25.32	25.25	25.50
		HIGH	QPSK	25.16	25.07	25.03	25.50
	8	LOW	QPSK	24.07	24.10	23.87	24.50
		MID	QPSK	24.12	24.28	24.24	24.50
		HIGH	QPSK	23.98	24.07	24.18	24.50
	15	LOW	QPSK	24.08	23.90	24.06	24.50
3	1	LOW	Q16	24.04	24.07	24.00	24.50
		MID	Q16	24.43	24.25	24.33	24.50
		HIGH	Q16	24.37	24.17	24.09	24.50
	8	LOW	Q16	22.73	22.99	22.72	23.50
		MID	Q16	23.04	23.15	22.86	23.50
		HIGH	Q16	23.02	22.89	22.97	23.50
	15	LOW	Q16	23.09	22.88	22.93	23.50
3	1	LOW	64QAM	23.08	23.06	23.02	23.50
		MID	64QAM	23.37	23.48	23.43	23.50
		HIGH	64QAM	23.38	23.32	23.23	23.50
	8	LOW	64QAM	21.94	22.03	21.78	22.50
		MID	64QAM	22.15	21.99	21.98	22.50
		HIGH	64QAM	22.07	21.89	22.05	22.50
	15	LOW	64QAM	22.09	22.22	22.03	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.88	25.05	24.91	25.50
		MID	QPSK	25.31	25.34	25.31	25.50
		HIGH	QPSK	25.15	25.06	24.91	25.50
	36	LOW	QPSK	24.12	23.98	23.90	24.50
		MID	QPSK	23.99	24.10	24.11	24.50
		HIGH	QPSK	24.14	23.97	23.95	24.50
	75	LOW	QPSK	24.15	24.04	23.93	24.50
5	1	LOW	Q16	24.44	24.24	24.15	24.50
		MID	Q16	24.45	24.38	24.30	24.50
		HIGH	Q16	24.46	24.32	24.23	24.50
	36	LOW	Q16	22.76	22.79	22.85	23.50
		MID	Q16	23.05	23.14	22.97	23.50
		HIGH	Q16	22.85	23.02	22.82	23.50
	75	LOW	Q16	22.83	23.05	22.91	23.50
5	1	LOW	64QAM	23.36	23.02	22.96	23.50
		MID	64QAM	23.40	23.36	23.36	23.50
		HIGH	64QAM	23.37	23.45	23.18	23.50
	36	LOW	64QAM	22.00	21.89	21.88	22.50
		MID	64QAM	22.17	21.94	22.03	22.50
		HIGH	64QAM	22.00	21.98	22.03	22.50
	75	LOW	64QAM	21.81	22.13	21.80	22.50

LTE B4-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	25.00	24.91	24.90	25.50
		MID	QPSK	25.11	25.25	25.24	25.50
		HIGH	QPSK	25.19	25.07	25.15	25.50
	50	LOW	QPSK	23.95	23.98	24.10	24.50
		MID	QPSK	24.00	24.27	24.08	24.50
		HIGH	QPSK	24.21	24.07	23.95	24.50
	100	LOW	QPSK	24.04	23.93	24.11	24.50
10	1	LOW	Q16	24.24	24.17	24.22	24.50
		MID	Q16	24.35	24.34	24.41	24.50
		HIGH	Q16	24.47	24.24	24.18	24.50
	50	LOW	Q16	22.91	22.79	23.00	23.50
		MID	Q16	23.05	23.02	22.81	23.50
		HIGH	Q16	22.92	23.07	22.84	23.50
	100	LOW	Q16	23.07	22.89	22.91	23.50
10	1	LOW	64QAM	23.19	23.04	23.03	23.50
		MID	64QAM	23.40	23.37	23.45	23.50
		HIGH	64QAM	23.46	23.37	23.04	23.50
	50	LOW	64QAM	21.92	21.92	21.80	22.50
		MID	64QAM	22.12	22.20	22.02	22.50
		HIGH	64QAM	21.81	22.10	22.10	22.50
	100	LOW	64QAM	22.02	22.10	22.01	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.86	25.09	24.81	25.50
		MID	QPSK	25.09	25.36	25.05	25.50
		HIGH	QPSK	24.97	25.12	25.19	25.50
	36	LOW	QPSK	23.91	24.18	23.87	24.50
		MID	QPSK	24.15	24.10	24.06	24.50
		HIGH	QPSK	24.22	24.15	24.21	24.50
	75	LOW	QPSK	24.02	24.17	23.95	24.50
15	1	LOW	Q16	24.29	24.28	24.22	24.50
		MID	Q16	24.47	24.46	24.30	24.50
		HIGH	Q16	24.45	24.44	24.34	24.50
	36	LOW	Q16	23.04	22.95	22.91	23.50
		MID	Q16	23.02	23.19	23.07	23.50
		HIGH	Q16	23.20	23.22	22.97	23.50
	75	LOW	Q16	23.00	23.10	22.96	23.50
15	1	LOW	64QAM	23.47	23.44	23.17	23.50
		MID	64QAM	23.39	23.40	23.50	23.50
		HIGH	64QAM	23.42	23.43	23.27	23.50
	36	LOW	64QAM	22.01	22.03	22.00	22.50
		MID	64QAM	22.26	22.28	22.15	22.50
		HIGH	64QAM	22.14	22.17	22.31	22.50
	75	LOW	64QAM	22.08	22.20	22.07	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.96	24.98	24.92	25.50
		MID	QPSK	25.21	25.25	25.17	25.50
		HIGH	QPSK	25.09	25.07	25.06	25.50
	50	LOW	QPSK	23.99	24.03	24.02	24.50
		MID	QPSK	24.14	24.16	24.14	24.50
		HIGH	QPSK	24.13	24.12	24.08	24.50
	100	LOW	QPSK	24.06	24.07	24.04	24.50
20	1	LOW	Q16	24.34	24.26	24.23	24.50
		MID	Q16	24.42	24.48	24.45	24.50
		HIGH	Q16	24.49	24.35	24.29	24.50
	50	LOW	Q16	22.99	23.05	23.01	23.50
		MID	Q16	23.16	23.15	23.11	23.50
		HIGH	Q16	23.12	23.16	23.04	23.50
	100	LOW	Q16	23.11	23.06	23.07	23.50
20	1	LOW	64QAM	23.38	23.30	23.23	23.50
		MID	64QAM	23.49	23.42	23.41	23.50
		HIGH	64QAM	23.46	23.48	23.31	23.50
	50	LOW	64QAM	22.10	22.12	22.05	22.50
		MID	64QAM	22.24	22.20	22.24	22.50
		HIGH	64QAM	22.08	22.10	22.18	22.50
	100	LOW	64QAM	21.98	22.21	22.06	22.50

LTE B4-DSI 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.87	24.83	25.02	25.50
		MID	QPSK	25.37	25.10	25.27	25.50
		HIGH	QPSK	25.05	25.19	25.14	25.50
	3	LOW	QPSK	25.09	25.05	24.89	25.50
		MID	QPSK	25.31	25.35	25.19	25.50
		HIGH	QPSK	25.15	25.00	24.93	25.50
	6	LOW	QPSK	24.09	23.90	24.21	24.50
1.4	1	LOW	Q16	24.42	24.21	24.22	24.50
		MID	Q16	24.49	24.43	24.41	24.50
		HIGH	Q16	24.47	24.12	24.23	24.50
	3	LOW	Q16	24.31	24.06	23.99	24.50
		MID	Q16	24.36	24.37	24.40	24.50
		HIGH	Q16	24.47	24.32	24.29	24.50
	6	LOW	Q16	22.89	22.78	22.80	23.50
1.4	1	LOW	64QAM	23.15	23.21	23.12	23.50
		MID	64QAM	23.48	23.49	23.26	23.50
		HIGH	64QAM	23.30	23.22	23.28	23.50
	3	LOW	64QAM	23.12	23.10	23.17	23.50
		MID	64QAM	23.42	23.50	23.43	23.50
		HIGH	64QAM	23.37	23.40	23.14	23.50
	6	LOW	64QAM	21.95	21.98	21.94	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	25.02	24.94	24.96	25.50
		MID	QPSK	25.17	25.32	25.25	25.50
		HIGH	QPSK	25.16	25.07	25.03	25.50
	8	LOW	QPSK	24.07	24.10	23.87	24.50
		MID	QPSK	24.12	24.28	24.24	24.50
		HIGH	QPSK	23.98	24.07	24.18	24.50
	15	LOW	QPSK	24.08	23.90	24.06	24.50
3	1	LOW	Q16	24.04	24.07	24.00	24.50
		MID	Q16	24.43	24.25	24.33	24.50
		HIGH	Q16	24.37	24.17	24.09	24.50
	8	LOW	Q16	22.73	22.99	22.72	23.50
		MID	Q16	23.04	23.15	22.86	23.50
		HIGH	Q16	23.02	22.89	22.97	23.50
	15	LOW	Q16	23.09	22.88	22.93	23.50
3	1	LOW	64QAM	23.08	23.06	23.02	23.50
		MID	64QAM	23.37	23.48	23.43	23.50
		HIGH	64QAM	23.38	23.32	23.23	23.50
	8	LOW	64QAM	21.94	22.03	21.78	22.50
		MID	64QAM	22.15	21.99	21.98	22.50
		HIGH	64QAM	22.07	21.89	22.05	22.50
	15	LOW	64QAM	22.09	22.22	22.03	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.88	25.05	24.91	25.50
		MID	QPSK	25.31	25.34	25.31	25.50
		HIGH	QPSK	25.15	25.06	24.91	25.50
	36	LOW	QPSK	24.12	23.98	23.90	24.50
		MID	QPSK	23.99	24.10	24.11	24.50
		HIGH	QPSK	24.14	23.97	23.95	24.50
	75	LOW	QPSK	24.15	24.04	23.93	24.50
5	1	LOW	Q16	24.44	24.24	24.15	24.50
		MID	Q16	24.45	24.38	24.30	24.50
		HIGH	Q16	24.46	24.32	24.23	24.50
	36	LOW	Q16	22.76	22.79	22.85	23.50
		MID	Q16	23.05	23.14	22.97	23.50
		HIGH	Q16	22.85	23.02	22.82	23.50
	75	LOW	Q16	22.83	23.05	22.91	23.50
5	1	LOW	64QAM	23.36	23.02	22.96	23.50
		MID	64QAM	23.40	23.36	23.36	23.50
		HIGH	64QAM	23.37	23.45	23.18	23.50
	36	LOW	64QAM	22.00	21.89	21.88	22.50
		MID	64QAM	22.17	21.94	22.03	22.50
		HIGH	64QAM	22.00	21.98	22.03	22.50
	75	LOW	64QAM	21.81	22.13	21.80	22.50

LTE B4-DSI 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	25.00	24.91	24.90	25.50
		MID	QPSK	25.11	25.25	25.24	25.50
		HIGH	QPSK	25.19	25.07	25.15	25.50
	50	LOW	QPSK	23.95	23.98	24.10	24.50
		MID	QPSK	24.00	24.27	24.08	24.50
		HIGH	QPSK	24.21	24.07	23.95	24.50
	100	LOW	QPSK	24.04	23.93	24.11	24.50
10	1	LOW	Q16	24.24	24.17	24.22	24.50
		MID	Q16	24.35	24.34	24.41	24.50
		HIGH	Q16	24.47	24.24	24.18	24.50
	50	LOW	Q16	22.91	22.79	23.00	23.50
		MID	Q16	23.05	23.02	22.81	23.50
		HIGH	Q16	22.92	23.07	22.84	23.50
	100	LOW	Q16	23.07	22.89	22.91	23.50
10	1	LOW	64QAM	23.19	23.04	23.03	23.50
		MID	64QAM	23.40	23.37	23.45	23.50
		HIGH	64QAM	23.46	23.37	23.04	23.50
	50	LOW	64QAM	21.92	21.92	21.80	22.50
		MID	64QAM	22.12	22.20	22.02	22.50
		HIGH	64QAM	21.81	22.10	22.10	22.50
	100	LOW	64QAM	22.02	22.10	22.01	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.86	25.09	24.81	25.50
		MID	QPSK	25.09	25.36	25.05	25.50
		HIGH	QPSK	24.97	25.12	25.19	25.50
	36	LOW	QPSK	23.91	24.18	23.87	24.50
		MID	QPSK	24.15	24.10	24.06	24.50
		HIGH	QPSK	24.22	24.15	24.21	24.50
	75	LOW	QPSK	24.02	24.17	23.95	24.50
15	1	LOW	Q16	24.29	24.28	24.22	24.50
		MID	Q16	24.47	24.46	24.30	24.50
		HIGH	Q16	24.45	24.44	24.34	24.50
	36	LOW	Q16	23.04	22.95	22.91	23.50
		MID	Q16	23.02	23.19	23.07	23.50
		HIGH	Q16	23.20	23.22	22.97	23.50
	75	LOW	Q16	23.00	23.10	22.96	23.50
15	1	LOW	64QAM	23.47	23.44	23.17	23.50
		MID	64QAM	23.39	23.40	23.50	23.50
		HIGH	64QAM	23.42	23.43	23.27	23.50
	36	LOW	64QAM	22.01	22.03	22.00	22.50
		MID	64QAM	22.26	22.28	22.15	22.50
		HIGH	64QAM	22.14	22.17	22.31	22.50
	75	LOW	64QAM	22.08	22.20	22.07	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.96	24.98	24.92	25.50
		MID	QPSK	25.21	25.25	25.17	25.50
		HIGH	QPSK	25.09	25.07	25.06	25.50
	50	LOW	QPSK	23.99	24.03	24.02	24.50
		MID	QPSK	24.14	24.16	24.14	24.50
		HIGH	QPSK	24.13	24.12	24.08	24.50
	100	LOW	QPSK	24.06	24.07	24.04	24.50
20	1	LOW	Q16	24.34	24.26	24.23	24.50
		MID	Q16	24.42	24.48	24.45	24.50
		HIGH	Q16	24.49	24.35	24.29	24.50
	50	LOW	Q16	22.99	23.05	23.01	23.50
		MID	Q16	23.16	23.15	23.11	23.50
		HIGH	Q16	23.12	23.16	23.04	23.50
	100	LOW	Q16	23.11	23.06	23.07	23.50
20	1	LOW	64QAM	23.38	23.30	23.23	23.50
		MID	64QAM	23.49	23.42	23.41	23.50
		HIGH	64QAM	23.46	23.48	23.31	23.50
	50	LOW	64QAM	22.10	22.12	22.05	22.50
		MID	64QAM	22.24	22.20	22.24	22.50
		HIGH	64QAM	22.08	22.10	22.18	22.50
	100	LOW	64QAM	21.98	22.21	22.06	22.50

LTE B4-DSI 3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.80	18.57	18.62	19.00
		MID	QPSK	18.99	18.87	18.73	19.00
		HIGH	QPSK	18.76	18.90	18.65	19.00
	3	LOW	QPSK	18.78	18.73	18.58	19.00
		MID	QPSK	18.85	18.86	18.77	19.00
		HIGH	QPSK	18.86	18.81	18.71	19.00
	6	LOW	QPSK	18.65	18.65	18.73	19.00
1.4	1	LOW	Q16	18.74	18.88	18.99	19.00
		MID	Q16	18.85	18.92	18.98	19.00
		HIGH	Q16	18.92	18.80	18.73	19.00
	3	LOW	Q16	18.74	18.95	18.69	19.00
		MID	Q16	18.83	18.75	18.80	19.00
		HIGH	Q16	18.82	18.80	18.86	19.00
	6	LOW	Q16	18.74	18.47	18.53	19.00
1.4	1	LOW	64QAM	18.99	18.80	18.90	19.00
		MID	64QAM	18.83	19.00	18.81	19.00
		HIGH	64QAM	18.80	18.95	18.83	19.00
	3	LOW	64QAM	18.80	18.90	18.83	19.00
		MID	64QAM	18.82	18.89	18.94	19.00
		HIGH	64QAM	18.98	18.89	18.99	19.00
	6	LOW	64QAM	18.68	18.40	18.60	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.81	18.63	18.57	19.00
		MID	QPSK	18.71	18.82	18.79	19.00
		HIGH	QPSK	18.80	18.68	18.88	19.00
	8	LOW	QPSK	18.68	18.66	18.50	19.00
		MID	QPSK	18.84	18.69	18.58	19.00
		HIGH	QPSK	18.73	18.77	18.59	19.00
	15	LOW	QPSK	18.81	18.62	18.78	19.00
3	1	LOW	Q16	18.92	18.88	18.83	19.00
		MID	Q16	18.88	18.93	18.94	19.00
		HIGH	Q16	18.97	18.96	18.97	19.00
	8	LOW	Q16	18.43	18.61	18.70	19.00
		MID	Q16	18.75	18.60	18.62	19.00
		HIGH	Q16	18.54	18.65	18.75	19.00
	15	LOW	Q16	18.59	18.55	18.76	19.00
3	1	LOW	64QAM	18.93	18.89	18.70	19.00
		MID	64QAM	18.88	18.77	18.87	19.00
		HIGH	64QAM	18.78	18.85	18.86	19.00
	8	LOW	64QAM	18.49	18.37	18.51	19.00
		MID	64QAM	18.65	18.52	18.72	19.00
		HIGH	64QAM	18.57	18.80	18.63	19.00
	15	LOW	64QAM	18.56	18.42	18.67	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.62	18.59	18.75	19.00
		MID	QPSK	18.91	18.81	18.92	19.00
		HIGH	QPSK	18.66	18.80	18.68	19.00
	36	LOW	QPSK	18.47	18.72	18.73	19.00
		MID	QPSK	18.76	18.64	18.76	19.00
		HIGH	QPSK	18.55	18.62	18.80	19.00
	75	LOW	QPSK	18.73	18.61	18.79	19.00
5	1	LOW	Q16	18.97	19.00	18.84	19.00
		MID	Q16	18.98	18.87	18.86	19.00
		HIGH	Q16	18.87	18.92	18.83	19.00
	36	LOW	Q16	18.66	18.69	18.47	19.00
		MID	Q16	18.63	18.55	18.61	19.00
		HIGH	Q16	18.73	18.71	18.48	19.00
	75	LOW	Q16	18.77	18.66	18.70	19.00
5	1	LOW	64QAM	18.98	18.94	18.91	19.00
		MID	64QAM	18.88	19.00	18.81	19.00
		HIGH	64QAM	18.86	18.91	18.92	19.00
	36	LOW	64QAM	18.67	18.53	18.54	19.00
		MID	64QAM	18.59	18.69	18.42	19.00
		HIGH	64QAM	18.46	18.61	18.66	19.00
	75	LOW	64QAM	18.51	18.54	18.77	19.00

LTE B4-DSI 3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	18.60	18.68	18.56	19.00
		MID	QPSK	18.86	18.86	18.77	19.00
		HIGH	QPSK	18.88	18.80	18.93	19.00
	50	LOW	QPSK	18.72	18.69	18.73	19.00
		MID	QPSK	18.75	18.71	18.76	19.00
		HIGH	QPSK	18.75	18.70	18.66	19.00
	100	LOW	QPSK	18.64	18.81	18.57	19.00
10	1	LOW	Q16	18.81	18.91	18.77	19.00
		MID	Q16	18.85	18.82	18.92	19.00
		HIGH	Q16	18.92	18.95	18.85	19.00
	50	LOW	Q16	18.44	18.71	18.61	19.00
		MID	Q16	18.78	18.56	18.54	19.00
		HIGH	Q16	18.53	18.73	18.58	19.00
	100	LOW	Q16	18.70	18.58	18.59	19.00
10	1	LOW	64QAM	18.98	18.73	18.85	19.00
		MID	64QAM	18.82	18.86	18.91	19.00
		HIGH	64QAM	18.76	18.76	18.85	19.00
	50	LOW	64QAM	18.45	18.34	18.57	19.00
		MID	64QAM	18.67	18.69	18.54	19.00
		HIGH	64QAM	18.58	18.74	18.81	19.00
	100	LOW	64QAM	18.46	18.44	18.74	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	18.59	18.55	18.71	19.00
		MID	QPSK	18.74	18.79	18.99	19.00
		HIGH	QPSK	18.84	18.89	18.71	19.00
	36	LOW	QPSK	18.43	18.51	18.65	19.00
		MID	QPSK	18.82	18.85	18.77	19.00
		HIGH	QPSK	18.65	18.79	18.80	19.00
	75	LOW	QPSK	18.78	18.71	18.66	19.00
15	1	LOW	Q16	18.74	18.75	18.79	19.00
		MID	Q16	18.81	18.82	18.87	19.00
		HIGH	Q16	18.79	18.75	18.82	19.00
	36	LOW	Q16	18.57	18.61	18.48	19.00
		MID	Q16	18.78	18.69	18.61	19.00
		HIGH	Q16	18.81	18.72	18.57	19.00
	75	LOW	Q16	18.58	18.70	18.64	19.00
15	1	LOW	64QAM	18.88	18.88	18.68	19.00
		MID	64QAM	19.00	18.87	18.71	19.00
		HIGH	64QAM	18.83	18.83	18.94	19.00
	36	LOW	64QAM	18.69	18.49	18.37	19.00
		MID	64QAM	18.53	18.64	18.50	19.00
		HIGH	64QAM	18.66	18.59	18.55	19.00
	75	LOW	64QAM	18.51	18.35	18.67	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	18.68	18.64	18.63	19.00
		MID	QPSK	18.88	18.92	18.88	19.00
		HIGH	QPSK	18.80	18.79	18.80	19.00
	50	LOW	QPSK	18.57	18.63	18.64	19.00
		MID	QPSK	18.75	18.76	18.73	19.00
		HIGH	QPSK	18.70	18.72	18.71	19.00
	100	LOW	QPSK	18.67	18.66	18.68	19.00
20	1	LOW	Q16	18.71	18.97	18.84	19.00
		MID	Q16	18.98	18.89	18.81	19.00
		HIGH	Q16	18.84	18.74	19.00	19.00
	50	LOW	Q16	18.56	18.60	18.57	19.00
		MID	Q16	18.70	18.70	18.65	19.00
		HIGH	Q16	18.68	18.71	18.61	19.00
	100	LOW	Q16	18.63	18.61	18.63	19.00
20	1	LOW	64QAM	18.76	18.83	18.77	19.00
		MID	64QAM	18.91	19.00	18.90	19.00
		HIGH	64QAM	18.91	18.97	18.79	19.00
	50	LOW	64QAM	18.59	18.45	18.52	19.00
		MID	64QAM	18.58	18.55	18.57	19.00
		HIGH	64QAM	18.54	18.72	18.69	19.00
	100	LOW	64QAM	18.58	18.50	18.73	19.00

LTE B4-DSI 4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.80	18.57	18.62	19.00
		MID	QPSK	18.99	18.87	18.73	19.00
		HIGH	QPSK	18.76	18.90	18.65	19.00
	3	LOW	QPSK	18.78	18.73	18.58	19.00
		MID	QPSK	18.85	18.86	18.77	19.00
		HIGH	QPSK	18.86	18.81	18.71	19.00
	6	LOW	QPSK	18.65	18.65	18.73	19.00
	1.4	LOW	Q16	18.74	18.88	18.99	19.00
		MID	Q16	18.85	18.92	18.98	19.00
		HIGH	Q16	18.92	18.80	18.73	19.00
		LOW	Q16	18.74	18.95	18.69	19.00
		MID	Q16	18.83	18.75	18.80	19.00
		HIGH	Q16	18.82	18.80	18.86	19.00
1.4	6	LOW	Q16	18.74	18.47	18.53	19.00
	1	LOW	64QAM	18.99	18.80	18.90	19.00
		MID	64QAM	18.83	19.00	18.81	19.00
		HIGH	64QAM	18.80	18.95	18.83	19.00
	3	LOW	64QAM	18.80	18.90	18.83	19.00
		MID	64QAM	18.82	18.89	18.94	19.00
		HIGH	64QAM	18.98	18.89	18.99	19.00
	6	LOW	64QAM	18.68	18.40	18.60	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.81	18.63	18.57	19.00
		MID	QPSK	18.71	18.82	18.79	19.00
		HIGH	QPSK	18.80	18.68	18.88	19.00
	8	LOW	QPSK	18.68	18.66	18.50	19.00
		MID	QPSK	18.84	18.69	18.58	19.00
		HIGH	QPSK	18.73	18.77	18.59	19.00
	15	LOW	QPSK	18.81	18.62	18.78	19.00
	3	LOW	Q16	18.92	18.88	18.83	19.00
		MID	Q16	18.88	18.93	18.94	19.00
		HIGH	Q16	18.97	18.96	18.97	19.00
		LOW	Q16	18.43	18.61	18.70	19.00
		MID	Q16	18.75	18.60	18.62	19.00
		HIGH	Q16	18.54	18.65	18.75	19.00
3	15	LOW	Q16	18.59	18.55	18.76	19.00
	1	LOW	64QAM	18.93	18.89	18.70	19.00
		MID	64QAM	18.88	18.77	18.87	19.00
		HIGH	64QAM	18.78	18.85	18.86	19.00
	8	LOW	64QAM	18.49	18.37	18.51	19.00
		MID	64QAM	18.65	18.52	18.72	19.00
		HIGH	64QAM	18.57	18.80	18.63	19.00
	15	LOW	64QAM	18.56	18.42	18.67	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.62	18.59	18.75	19.00
		MID	QPSK	18.91	18.81	18.92	19.00
		HIGH	QPSK	18.66	18.80	18.68	19.00
	36	LOW	QPSK	18.47	18.72	18.73	19.00
		MID	QPSK	18.76	18.64	18.76	19.00
		HIGH	QPSK	18.55	18.62	18.80	19.00
	75	LOW	QPSK	18.73	18.61	18.79	19.00
	5	LOW	Q16	18.97	19.00	18.84	19.00
		MID	Q16	18.98	18.87	18.86	19.00
		HIGH	Q16	18.87	18.92	18.83	19.00
		LOW	Q16	18.66	18.69	18.47	19.00
		MID	Q16	18.63	18.55	18.61	19.00
		HIGH	Q16	18.73	18.71	18.48	19.00
5	75	LOW	Q16	18.77	18.66	18.70	19.00
	1	LOW	64QAM	18.98	18.94	18.91	19.00
		MID	64QAM	18.88	19.00	18.81	19.00
		HIGH	64QAM	18.86	18.91	18.92	19.00
	36	LOW	64QAM	18.67	18.53	18.54	19.00
		MID	64QAM	18.59	18.69	18.42	19.00
		HIGH	64QAM	18.46	18.61	18.66	19.00
	75	LOW	64QAM	18.51	18.54	18.77	19.00

LTE B4-DSI 4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	18.60	18.68	18.56	19.00
		MID	QPSK	18.86	18.86	18.77	19.00
		HIGH	QPSK	18.88	18.80	18.93	19.00
	50	LOW	QPSK	18.72	18.69	18.73	19.00
		MID	QPSK	18.75	18.71	18.76	19.00
		HIGH	QPSK	18.75	18.70	18.66	19.00
	100	LOW	QPSK	18.64	18.81	18.57	19.00
10	1	LOW	Q16	18.81	18.91	18.77	19.00
		MID	Q16	18.85	18.82	18.92	19.00
		HIGH	Q16	18.92	18.95	18.85	19.00
	50	LOW	Q16	18.44	18.71	18.61	19.00
		MID	Q16	18.78	18.56	18.54	19.00
		HIGH	Q16	18.53	18.73	18.58	19.00
	100	LOW	Q16	18.70	18.58	18.59	19.00
10	1	LOW	64QAM	18.98	18.73	18.85	19.00
		MID	64QAM	18.82	18.86	18.91	19.00
		HIGH	64QAM	18.76	18.76	18.85	19.00
	50	LOW	64QAM	18.45	18.34	18.57	19.00
		MID	64QAM	18.67	18.69	18.54	19.00
		HIGH	64QAM	18.58	18.74	18.81	19.00
	100	LOW	64QAM	18.46	18.44	18.74	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	18.59	18.55	18.71	19.00
		MID	QPSK	18.74	18.79	18.99	19.00
		HIGH	QPSK	18.84	18.89	18.71	19.00
	36	LOW	QPSK	18.43	18.51	18.65	19.00
		MID	QPSK	18.82	18.85	18.77	19.00
		HIGH	QPSK	18.65	18.79	18.80	19.00
	75	LOW	QPSK	18.78	18.71	18.66	19.00
15	1	LOW	Q16	18.74	18.75	18.79	19.00
		MID	Q16	18.81	18.82	18.87	19.00
		HIGH	Q16	18.79	18.75	18.82	19.00
	36	LOW	Q16	18.57	18.61	18.48	19.00
		MID	Q16	18.78	18.69	18.61	19.00
		HIGH	Q16	18.81	18.72	18.57	19.00
	75	LOW	Q16	18.58	18.70	18.64	19.00
15	1	LOW	64QAM	18.88	18.88	18.68	19.00
		MID	64QAM	19.00	18.87	18.71	19.00
		HIGH	64QAM	18.83	18.83	18.94	19.00
	36	LOW	64QAM	18.69	18.49	18.37	19.00
		MID	64QAM	18.53	18.64	18.50	19.00
		HIGH	64QAM	18.66	18.59	18.55	19.00
	75	LOW	64QAM	18.51	18.35	18.67	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	18.68	18.64	18.63	19.00
		MID	QPSK	18.88	18.92	18.88	19.00
		HIGH	QPSK	18.80	18.79	18.80	19.00
	50	LOW	QPSK	18.57	18.63	18.64	19.00
		MID	QPSK	18.75	18.76	18.73	19.00
		HIGH	QPSK	18.70	18.72	18.71	19.00
	100	LOW	QPSK	18.67	18.66	18.68	19.00
20	1	LOW	Q16	18.71	18.97	18.84	19.00
		MID	Q16	18.98	18.89	18.81	19.00
		HIGH	Q16	18.84	18.74	19.00	19.00
	50	LOW	Q16	18.56	18.60	18.57	19.00
		MID	Q16	18.70	18.70	18.65	19.00
		HIGH	Q16	18.68	18.71	18.61	19.00
	100	LOW	Q16	18.63	18.61	18.63	19.00
20	1	LOW	64QAM	18.76	18.83	18.77	19.00
		MID	64QAM	18.91	19.00	18.90	19.00
		HIGH	64QAM	18.91	18.97	18.79	19.00
	50	LOW	64QAM	18.59	18.45	18.52	19.00
		MID	64QAM	18.58	18.55	18.57	19.00
		HIGH	64QAM	18.54	18.72	18.69	19.00
	100	LOW	64QAM	18.58	18.50	18.73	19.00

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	24.68	24.73	24.75	25.50
		MID	QPSK	24.67	24.81	24.84	25.50
		HIGH	QPSK	24.67	24.85	24.53	25.50
	3	LOW	QPSK	24.63	24.62	24.83	25.50
		MID	QPSK	24.58	24.74	24.85	25.50
		HIGH	QPSK	24.66	24.89	24.78	25.50
	6	LOW	QPSK	23.55	23.71	23.56	24.50
1.4	1	LOW	Q16	23.51	24.01	23.58	24.50
		MID	Q16	23.50	23.98	23.84	24.50
		HIGH	Q16	23.61	24.01	23.78	24.50
	3	LOW	Q16	23.53	24.08	23.78	24.50
		MID	Q16	23.48	23.98	23.65	24.50
		HIGH	Q16	23.66	24.12	23.70	24.50
	6	LOW	Q16	22.78	22.61	22.82	23.50
1.4	1	LOW	64QAM	22.64	23.15	22.65	23.50
		MID	64QAM	22.67	22.96	22.79	23.50
		HIGH	64QAM	22.55	23.15	22.82	23.50
	3	LOW	64QAM	22.62	22.97	22.64	23.50
		MID	64QAM	22.62	22.96	22.82	23.50
		HIGH	64QAM	22.56	22.94	22.68	23.50
	6	LOW	64QAM	21.68	21.60	21.69	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.59	24.59	24.84	25.50
		MID	QPSK	24.58	24.75	24.90	25.50
		HIGH	QPSK	24.61	24.77	24.81	25.50
	8	LOW	QPSK	23.52	23.66	23.77	24.50
		MID	QPSK	23.64	23.64	23.80	24.50
		HIGH	QPSK	23.71	23.49	23.60	24.50
	15	LOW	QPSK	23.82	23.73	23.77	24.50
3	1	LOW	Q16	23.61	24.05	23.70	24.50
		MID	Q16	23.68	24.14	23.83	24.50
		HIGH	Q16	23.67	24.07	23.67	24.50
	8	LOW	Q16	22.57	22.71	22.73	23.50
		MID	Q16	22.87	22.92	22.91	23.50
		HIGH	Q16	22.74	22.57	22.69	23.50
	15	LOW	Q16	22.61	22.60	22.57	23.50
3	1	LOW	64QAM	22.49	22.92	22.66	23.50
		MID	64QAM	22.73	23.20	22.80	23.50
		HIGH	64QAM	22.29	22.96	22.68	23.50
	8	LOW	64QAM	21.63	21.57	21.64	22.50
		MID	64QAM	21.70	21.58	22.00	22.50
		HIGH	64QAM	21.86	21.62	21.80	22.50
	15	LOW	64QAM	21.77	21.44	21.68	22.50

LTE B5-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.49	24.80	25.50
		MID	QPSK	24.50	24.71	24.68	25.50
		HIGH	QPSK	24.71	24.60	24.78	25.50
	12	LOW	QPSK	23.53	23.71	23.76	24.50
		MID	QPSK	23.61	23.86	23.85	24.50
		HIGH	QPSK	23.71	23.63	23.67	24.50
	25	LOW	QPSK	23.70	23.65	23.74	24.50
5	1	LOW	Q16	23.47	23.87	23.74	24.50
		MID	Q16	23.60	23.98	23.67	24.50
		HIGH	Q16	23.52	24.12	23.72	24.50
	12	LOW	Q16	22.78	22.79	22.86	23.50
		MID	Q16	22.66	22.85	22.68	23.50
		HIGH	Q16	22.78	22.80	22.80	23.50
	25	LOW	Q16	22.49	22.51	22.77	23.50
5	1	LOW	64QAM	22.43	23.18	22.66	23.50
		MID	64QAM	22.85	23.02	22.70	23.50
		HIGH	64QAM	22.45	23.01	22.60	23.50
	12	LOW	64QAM	21.69	21.61	21.65	22.50
		MID	64QAM	21.73	21.77	21.87	22.50
		HIGH	64QAM	21.77	21.56	21.83	22.50
	25	LOW	64QAM	21.82	21.68	21.69	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.56	24.60	24.76	25.50
		MID	QPSK	24.64	24.78	24.71	25.50
		HIGH	QPSK	24.64	24.74	24.68	25.50
	25	LOW	QPSK	23.59	23.58	23.65	24.50
		MID	QPSK	23.68	23.71	23.66	24.50
		HIGH	QPSK	23.67	23.63	23.56	24.50
	50	LOW	QPSK	23.69	23.63	23.64	24.50
10	1	LOW	Q16	23.49	24.02	23.65	24.50
		MID	Q16	23.59	24.04	23.73	24.50
		HIGH	Q16	23.57	24.01	23.67	24.50
	25	LOW	Q16	22.63	22.67	22.75	23.50
		MID	Q16	22.76	22.77	22.77	23.50
		HIGH	Q16	22.71	22.65	22.72	23.50
	50	LOW	Q16	22.64	22.61	22.69	23.50
10	1	LOW	64QAM	22.49	23.04	22.74	23.50
		MID	64QAM	22.72	23.11	22.67	23.50
		HIGH	64QAM	22.44	23.03	22.73	23.50
	25	LOW	64QAM	21.68	21.66	21.78	22.50
		MID	64QAM	21.74	21.62	21.87	22.50
		HIGH	64QAM	21.80	21.63	21.79	22.50
	50	LOW	64QAM	21.79	21.53	21.78	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	20.46	20.65	20.69	21.50
		MID	QPSK	20.56	20.86	20.73	21.50
		HIGH	QPSK	20.67	20.68	20.68	21.50
	3	LOW	QPSK	20.57	20.56	20.66	21.50
		MID	QPSK	20.86	20.87	20.78	21.50
		HIGH	QPSK	20.82	20.66	20.68	21.50
6	LOW	QPSK	20.59	20.62	20.64	21.50	
1.4	1	LOW	Q16	20.56	21.08	20.77	21.50
		MID	Q16	20.59	21.06	20.88	21.50
		HIGH	Q16	20.73	21.02	20.61	21.50
	3	LOW	Q16	20.46	21.09	20.56	21.50
		MID	Q16	20.51	20.93	20.64	21.50
		HIGH	Q16	20.73	20.91	20.82	21.50
6	LOW	Q16	20.73	20.71	20.62	21.50	
1.4	1	LOW	64QAM	20.53	21.04	20.67	21.50
		MID	64QAM	20.66	20.88	20.59	21.50
		HIGH	64QAM	20.65	21.27	20.82	21.50
	3	LOW	64QAM	20.33	20.96	20.70	21.50
		MID	64QAM	20.84	21.09	20.75	21.50
		HIGH	64QAM	20.81	21.06	20.67	21.50
6	LOW	64QAM	20.71	20.84	20.90	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	20.52	20.62	20.84	21.50
		MID	QPSK	20.57	20.69	20.81	21.50
		HIGH	QPSK	20.73	20.66	20.82	21.50
	8	LOW	QPSK	20.64	20.68	20.72	21.50
		MID	QPSK	20.81	20.73	20.80	21.50
		HIGH	QPSK	20.64	20.60	20.56	21.50
15	LOW	QPSK	20.69	20.71	20.74	21.50	
3	1	LOW	Q16	20.53	21.06	20.52	21.50
		MID	Q16	20.76	21.16	20.67	21.50
		HIGH	Q16	20.49	20.89	20.57	21.50
	8	LOW	Q16	20.50	20.80	20.62	21.50
		MID	Q16	20.76	20.83	20.83	21.50
		HIGH	Q16	20.74	20.75	20.80	21.50
15	LOW	Q16	20.50	20.61	20.74	21.50	
3	1	LOW	64QAM	20.58	20.88	20.63	21.50
		MID	64QAM	20.56	21.01	20.53	21.50
		HIGH	64QAM	20.76	21.03	20.67	21.50
	8	LOW	64QAM	20.63	20.78	20.74	21.50
		MID	64QAM	20.53	20.69	20.60	21.50
		HIGH	64QAM	20.64	20.76	20.66	21.50
15	LOW	64QAM	20.57	20.53	20.58	21.50	

LTE B5-DSI 1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	20.73	20.67	20.82	21.50
		MID	QPSK	20.63	20.83	20.75	21.50
		HIGH	QPSK	20.60	20.88	20.73	21.50
	12	LOW	QPSK	20.60	20.47	20.64	21.50
		MID	QPSK	20.59	20.56	20.57	21.50
		HIGH	QPSK	20.56	20.74	20.64	21.50
	25	LOW	QPSK	20.61	20.59	20.64	21.50
5	1	LOW	Q16	20.62	21.09	20.72	21.50
		MID	Q16	20.57	21.01	20.72	21.50
		HIGH	Q16	20.68	20.90	20.63	21.50
	12	LOW	Q16	20.56	20.61	20.83	21.50
		MID	Q16	20.67	20.65	20.64	21.50
		HIGH	Q16	20.67	20.66	20.59	21.50
	25	LOW	Q16	20.66	20.60	20.52	21.50
5	1	LOW	64QAM	20.52	21.05	20.65	21.50
		MID	64QAM	20.81	20.93	20.77	21.50
		HIGH	64QAM	20.69	21.09	20.60	21.50
	12	LOW	64QAM	20.65	20.74	20.83	21.50
		MID	64QAM	20.59	20.86	20.52	21.50
		HIGH	64QAM	20.55	20.58	20.75	21.50
	25	LOW	64QAM	20.76	20.55	20.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	20.60	20.68	20.71	21.50
		MID	QPSK	20.71	20.78	20.75	21.50
		HIGH	QPSK	20.68	20.74	20.73	21.50
	25	LOW	QPSK	20.60	20.59	20.63	21.50
		MID	QPSK	20.70	20.71	20.68	21.50
		HIGH	QPSK	20.67	20.64	20.56	21.50
	50	LOW	QPSK	20.68	20.60	20.63	21.50
10	1	LOW	Q16	20.52	21.05	20.64	21.50
		MID	Q16	20.65	21.06	20.74	21.50
		HIGH	Q16	20.61	21.01	20.71	21.50
	25	LOW	Q16	20.59	20.67	20.70	21.50
		MID	Q16	20.71	20.71	20.72	21.50
		HIGH	Q16	20.71	20.62	20.66	21.50
	50	LOW	Q16	20.60	20.60	20.63	21.50
10	1	LOW	64QAM	20.43	21.00	20.58	21.50
		MID	64QAM	20.70	21.01	20.64	21.50
		HIGH	64QAM	20.72	21.15	20.70	21.50
	25	LOW	64QAM	20.56	20.75	20.85	21.50
		MID	64QAM	20.62	20.77	20.62	21.50
		HIGH	64QAM	20.66	20.61	20.73	21.50
	50	LOW	64QAM	20.63	20.56	20.59	21.50

LTE B5-DSI 3-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.68	24.73	24.75	25.50
		MID	QPSK	24.67	24.81	24.84	25.50
		HIGH	QPSK	24.67	24.85	24.53	25.50
	3	LOW	QPSK	24.63	24.62	24.83	25.50
		MID	QPSK	24.58	24.74	24.85	25.50
		HIGH	QPSK	24.66	24.89	24.78	25.50
6	LOW	QPSK	23.55	23.71	23.56	24.50	
1.4	1	LOW	Q16	23.51	24.01	23.58	24.50
		MID	Q16	23.50	23.98	23.84	24.50
		HIGH	Q16	23.61	24.01	23.78	24.50
	3	LOW	Q16	23.53	24.08	23.78	24.50
		MID	Q16	23.48	23.98	23.65	24.50
		HIGH	Q16	23.66	24.12	23.70	24.50
6	LOW	Q16	22.78	22.61	22.82	23.50	
1.4	1	LOW	64QAM	22.64	23.15	22.65	23.50
		MID	64QAM	22.67	22.96	22.79	23.50
		HIGH	64QAM	22.55	23.15	22.82	23.50
	3	LOW	64QAM	22.62	22.97	22.64	23.50
		MID	64QAM	22.62	22.96	22.82	23.50
		HIGH	64QAM	22.56	22.94	22.68	23.50
6	LOW	64QAM	21.68	21.60	21.69	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.59	24.59	24.84	25.50
		MID	QPSK	24.58	24.75	24.90	25.50
		HIGH	QPSK	24.61	24.77	24.81	25.50
	8	LOW	QPSK	23.52	23.66	23.77	24.50
		MID	QPSK	23.64	23.64	23.80	24.50
		HIGH	QPSK	23.71	23.49	23.60	24.50
15	LOW	QPSK	23.82	23.73	23.77	24.50	
3	1	LOW	Q16	23.61	24.05	23.70	24.50
		MID	Q16	23.68	24.14	23.83	24.50
		HIGH	Q16	23.67	24.07	23.67	24.50
	8	LOW	Q16	22.57	22.71	22.73	23.50
		MID	Q16	22.87	22.92	22.91	23.50
		HIGH	Q16	22.74	22.57	22.69	23.50
15	LOW	Q16	22.61	22.60	22.57	23.50	
3	1	LOW	64QAM	22.49	22.92	22.66	23.50
		MID	64QAM	22.73	23.20	22.80	23.50
		HIGH	64QAM	22.29	22.96	22.68	23.50
	8	LOW	64QAM	21.63	21.57	21.64	22.50
		MID	64QAM	21.70	21.58	22.00	22.50
		HIGH	64QAM	21.86	21.62	21.80	22.50
15	LOW	64QAM	21.77	21.44	21.68	22.50	

LTE B5-DSI 3-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.49	24.80	25.50
		MID	QPSK	24.50	24.71	24.68	25.50
		HIGH	QPSK	24.71	24.60	24.78	25.50
	12	LOW	QPSK	23.53	23.71	23.76	24.50
		MID	QPSK	23.61	23.86	23.85	24.50
		HIGH	QPSK	23.71	23.63	23.67	24.50
	25	LOW	QPSK	23.70	23.65	23.74	24.50
5	1	LOW	Q16	23.47	23.87	23.74	24.50
		MID	Q16	23.60	23.98	23.67	24.50
		HIGH	Q16	23.52	24.12	23.72	24.50
	12	LOW	Q16	22.78	22.79	22.86	23.50
		MID	Q16	22.66	22.85	22.68	23.50
		HIGH	Q16	22.78	22.80	22.80	23.50
	25	LOW	Q16	22.49	22.51	22.77	23.50
5	1	LOW	64QAM	22.43	23.18	22.66	23.50
		MID	64QAM	22.85	23.02	22.70	23.50
		HIGH	64QAM	22.45	23.01	22.60	23.50
	12	LOW	64QAM	21.69	21.61	21.65	22.50
		MID	64QAM	21.73	21.77	21.87	22.50
		HIGH	64QAM	21.77	21.56	21.83	22.50
	25	LOW	64QAM	21.82	21.68	21.69	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.56	24.60	24.76	25.50
		MID	QPSK	24.64	24.78	24.71	25.50
		HIGH	QPSK	24.64	24.74	24.68	25.50
	25	LOW	QPSK	23.59	23.58	23.65	24.50
		MID	QPSK	23.68	23.71	23.66	24.50
		HIGH	QPSK	23.67	23.63	23.56	24.50
50	LOW	QPSK	23.69	23.63	23.64	24.50	
10	1	LOW	Q16	23.49	24.02	23.65	24.50
		MID	Q16	23.59	24.04	23.73	24.50
		HIGH	Q16	23.57	24.01	23.67	24.50
	25	LOW	Q16	22.63	22.67	22.75	23.50
		MID	Q16	22.76	22.77	22.77	23.50
		HIGH	Q16	22.71	22.65	22.72	23.50
	50	LOW	Q16	22.64	22.61	22.69	23.50
10	1	LOW	64QAM	22.49	23.04	22.74	23.50
		MID	64QAM	22.72	23.11	22.67	23.50
		HIGH	64QAM	22.44	23.03	22.73	23.50
	25	LOW	64QAM	21.68	21.66	21.78	22.50
		MID	64QAM	21.74	21.62	21.87	22.50
		HIGH	64QAM	21.80	21.63	21.79	22.50
	50	LOW	64QAM	21.79	21.53	21.78	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	24.68	24.73	24.75	25.50
		MID	QPSK	24.67	24.81	24.84	25.50
		HIGH	QPSK	24.67	24.85	24.53	25.50
	3	LOW	QPSK	24.63	24.62	24.83	25.50
		MID	QPSK	24.58	24.74	24.85	25.50
		HIGH	QPSK	24.66	24.89	24.78	25.50
6	LOW	QPSK	23.55	23.71	23.56	24.50	
1.4	1	LOW	Q16	23.51	24.01	23.58	24.50
		MID	Q16	23.50	23.98	23.84	24.50
		HIGH	Q16	23.61	24.01	23.78	24.50
	3	LOW	Q16	23.53	24.08	23.78	24.50
		MID	Q16	23.48	23.98	23.65	24.50
		HIGH	Q16	23.66	24.12	23.70	24.50
6	LOW	Q16	22.78	22.61	22.82	23.50	
1.4	1	LOW	64QAM	22.64	23.15	22.65	23.50
		MID	64QAM	22.67	22.96	22.79	23.50
		HIGH	64QAM	22.55	23.15	22.82	23.50
	3	LOW	64QAM	22.62	22.97	22.64	23.50
		MID	64QAM	22.62	22.96	22.82	23.50
		HIGH	64QAM	22.56	22.94	22.68	23.50
6	LOW	64QAM	21.68	21.60	21.69	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.59	24.59	24.84	25.50
		MID	QPSK	24.58	24.75	24.90	25.50
		HIGH	QPSK	24.61	24.77	24.81	25.50
	8	LOW	QPSK	23.52	23.66	23.77	24.50
		MID	QPSK	23.64	23.64	23.80	24.50
		HIGH	QPSK	23.71	23.49	23.60	24.50
15	LOW	QPSK	23.82	23.73	23.77	24.50	
3	1	LOW	Q16	23.61	24.05	23.70	24.50
		MID	Q16	23.68	24.14	23.83	24.50
		HIGH	Q16	23.67	24.07	23.67	24.50
	8	LOW	Q16	22.57	22.71	22.73	23.50
		MID	Q16	22.87	22.92	22.91	23.50
		HIGH	Q16	22.74	22.57	22.69	23.50
15	LOW	Q16	22.61	22.60	22.57	23.50	
3	1	LOW	64QAM	22.49	22.92	22.66	23.50
		MID	64QAM	22.73	23.20	22.80	23.50
		HIGH	64QAM	22.29	22.96	22.68	23.50
	8	LOW	64QAM	21.63	21.57	21.64	22.50
		MID	64QAM	21.70	21.58	22.00	22.50
		HIGH	64QAM	21.86	21.62	21.80	22.50
15	LOW	64QAM	21.77	21.44	21.68	22.50	

LTE B5-DSI 4-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.49	24.80	25.50
		MID	QPSK	24.50	24.71	24.68	25.50
		HIGH	QPSK	24.71	24.60	24.78	25.50
	12	LOW	QPSK	23.53	23.71	23.76	24.50
		MID	QPSK	23.61	23.86	23.85	24.50
		HIGH	QPSK	23.71	23.63	23.67	24.50
	25	LOW	QPSK	23.70	23.65	23.74	24.50
5	1	LOW	Q16	23.47	23.87	23.74	24.50
		MID	Q16	23.60	23.98	23.67	24.50
		HIGH	Q16	23.52	24.12	23.72	24.50
	12	LOW	Q16	22.78	22.79	22.86	23.50
		MID	Q16	22.66	22.85	22.68	23.50
		HIGH	Q16	22.78	22.80	22.80	23.50
	25	LOW	Q16	22.49	22.51	22.77	23.50
5	1	LOW	64QAM	22.43	23.18	22.66	23.50
		MID	64QAM	22.85	23.02	22.70	23.50
		HIGH	64QAM	22.45	23.01	22.60	23.50
	12	LOW	64QAM	21.69	21.61	21.65	22.50
		MID	64QAM	21.73	21.77	21.87	22.50
		HIGH	64QAM	21.77	21.56	21.83	22.50
	25	LOW	64QAM	21.82	21.68	21.69	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.56	24.60	24.76	25.50
		MID	QPSK	24.64	24.78	24.71	25.50
		HIGH	QPSK	24.64	24.74	24.68	25.50
	25	LOW	QPSK	23.59	23.58	23.65	24.50
		MID	QPSK	23.68	23.71	23.66	24.50
		HIGH	QPSK	23.67	23.63	23.56	24.50
	50	LOW	QPSK	23.69	23.63	23.64	24.50
10	1	LOW	Q16	23.49	24.02	23.65	24.50
		MID	Q16	23.59	24.04	23.73	24.50
		HIGH	Q16	23.57	24.01	23.67	24.50
	25	LOW	Q16	22.63	22.67	22.75	23.50
		MID	Q16	22.76	22.77	22.77	23.50
		HIGH	Q16	22.71	22.65	22.72	23.50
	50	LOW	Q16	22.64	22.61	22.69	23.50
10	1	LOW	64QAM	22.49	23.04	22.74	23.50
		MID	64QAM	22.72	23.11	22.67	23.50
		HIGH	64QAM	22.44	23.03	22.73	23.50
	25	LOW	64QAM	21.68	21.66	21.78	22.50
		MID	64QAM	21.74	21.62	21.87	22.50
		HIGH	64QAM	21.80	21.63	21.79	22.50
	50	LOW	64QAM	21.79	21.53	21.78	22.50

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.94	24.87	25.15	25.50
		MID	QPSK	24.84	25.05	25.22	25.50
		HIGH	QPSK	24.91	25.06	25.03	25.50
	3	LOW	QPSK	24.94	25.04	25.14	25.50
		MID	QPSK	24.85	25.04	25.02	25.50
		HIGH	QPSK	24.90	24.97	24.98	25.50
6	LOW	QPSK	24.01	24.09	23.91	24.50	
1.4	1	LOW	Q16	23.69	24.20	24.03	24.50
		MID	Q16	24.00	24.31	23.90	24.50
		HIGH	Q16	23.95	24.47	23.83	24.50
	3	LOW	Q16	23.82	24.33	23.98	24.50
		MID	Q16	23.84	24.31	24.05	24.50
		HIGH	Q16	23.87	24.39	23.95	24.50
6	LOW	Q16	23.03	22.94	23.06	23.50	
1.4	1	LOW	64QAM	22.74	23.27	22.83	23.50
		MID	64QAM	23.07	23.20	23.17	23.50
		HIGH	64QAM	22.95	23.41	22.85	23.50
	3	LOW	64QAM	22.70	23.06	22.93	23.50
		MID	64QAM	23.08	23.39	23.18	23.50
		HIGH	64QAM	22.88	23.41	22.63	23.50
6	LOW	64QAM	21.73	21.77	22.09	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.78	24.82	25.02	25.50
		MID	QPSK	25.10	25.17	25.09	25.50
		HIGH	QPSK	24.93	24.89	25.14	25.50
	8	LOW	QPSK	23.97	23.93	23.97	24.50
		MID	QPSK	23.91	23.93	24.02	24.50
		HIGH	QPSK	23.85	23.88	23.88	24.50
15	LOW	QPSK	23.92	24.06	23.82	24.50	
3	1	LOW	Q16	23.79	24.29	23.97	24.50
		MID	Q16	23.96	24.31	24.11	24.50
		HIGH	Q16	23.94	24.32	23.85	24.50
	8	LOW	Q16	22.82	23.06	23.15	23.50
		MID	Q16	23.06	23.07	23.19	23.50
		HIGH	Q16	23.05	23.05	23.03	23.50
15	LOW	Q16	22.94	22.92	22.90	23.50	
3	1	LOW	64QAM	22.67	23.10	22.97	23.50
		MID	64QAM	22.92	23.28	23.18	23.50
		HIGH	64QAM	22.87	23.28	22.70	23.50
	8	LOW	64QAM	21.74	21.88	21.88	22.50
		MID	64QAM	22.09	21.92	22.25	22.50
		HIGH	64QAM	22.02	21.93	22.01	22.50
15	LOW	64QAM	21.75	21.93	21.96	22.50	

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.99	24.98	25.09	25.50
		MID	QPSK	25.01	25.15	25.02	25.50
		HIGH	QPSK	25.02	24.98	24.93	25.50
	12	LOW	QPSK	23.91	23.94	23.78	24.50
		MID	QPSK	24.03	24.12	24.00	24.50
		HIGH	QPSK	24.08	23.93	23.87	24.50
25	LOW	QPSK	23.99	23.98	23.95	24.50	
5	1	LOW	Q16	23.69	24.33	24.01	24.50
		MID	Q16	24.02	24.29	23.99	24.50
		HIGH	Q16	23.90	24.22	23.83	24.50
	12	LOW	Q16	22.93	23.07	23.16	23.50
		MID	Q16	23.10	23.00	22.99	23.50
		HIGH	Q16	22.84	23.06	22.83	23.50
25	LOW	Q16	22.77	23.11	22.83	23.50	
5	1	LOW	64QAM	22.68	23.24	22.76	23.50
		MID	64QAM	23.09	23.14	23.03	23.50
		HIGH	64QAM	22.84	23.37	22.92	23.50
	12	LOW	64QAM	21.96	21.84	21.93	22.50
		MID	64QAM	22.15	22.13	22.09	22.50
		HIGH	64QAM	22.02	22.04	22.10	22.50
25	LOW	64QAM	21.92	21.85	21.97	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.90	24.92	25.03	25.50
		MID	QPSK	24.98	25.09	25.07	25.50
		HIGH	QPSK	24.94	24.99	25.02	25.50
	25	LOW	QPSK	23.87	23.87	23.93	24.50
		MID	QPSK	23.99	24.02	23.97	24.50
		HIGH	QPSK	23.93	23.98	23.85	24.50
50	LOW	QPSK	23.94	23.97	23.96	24.50	
10	1	LOW	Q16	23.79	24.26	23.93	24.50
		MID	Q16	23.89	24.37	23.99	24.50
		HIGH	Q16	23.82	24.34	23.91	24.50
	25	LOW	Q16	22.92	23.00	23.04	23.50
		MID	Q16	23.05	23.11	23.12	23.50
		HIGH	Q16	22.98	23.01	22.94	23.50
50	LOW	Q16	22.92	22.96	22.94	23.50	
10	1	LOW	64QAM	22.78	23.18	22.84	23.50
		MID	64QAM	22.97	23.26	23.08	23.50
		HIGH	64QAM	22.84	23.48	22.77	23.50
	25	LOW	64QAM	21.82	21.87	21.96	22.50
		MID	64QAM	22.12	22.06	22.22	22.50
		HIGH	64QAM	21.95	21.89	21.95	22.50
50	LOW	64QAM	21.81	21.86	21.82	22.50	

LTE B5-DSI 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.94	24.87	25.15	25.50
		MID	QPSK	24.84	25.05	25.22	25.50
		HIGH	QPSK	24.91	25.06	25.03	25.50
	3	LOW	QPSK	24.94	25.04	25.14	25.50
		MID	QPSK	24.85	25.04	25.02	25.50
		HIGH	QPSK	24.90	24.97	24.98	25.50
6	LOW	QPSK	24.01	24.09	23.91	24.50	
1.4	1	LOW	Q16	23.69	24.20	24.03	24.50
		MID	Q16	24.00	24.31	23.90	24.50
		HIGH	Q16	23.95	24.47	23.83	24.50
	3	LOW	Q16	23.82	24.33	23.98	24.50
		MID	Q16	23.84	24.31	24.05	24.50
		HIGH	Q16	23.87	24.39	23.95	24.50
6	LOW	Q16	23.03	22.94	23.06	23.50	
1.4	1	LOW	64QAM	22.74	23.27	22.83	23.50
		MID	64QAM	23.07	23.20	23.17	23.50
		HIGH	64QAM	22.95	23.41	22.85	23.50
	3	LOW	64QAM	22.70	23.06	22.93	23.50
		MID	64QAM	23.08	23.39	23.18	23.50
		HIGH	64QAM	22.88	23.41	22.63	23.50
6	LOW	64QAM	21.73	21.77	22.09	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.78	24.82	25.02	25.50
		MID	QPSK	25.10	25.17	25.09	25.50
		HIGH	QPSK	24.93	24.89	25.14	25.50
	8	LOW	QPSK	23.97	23.93	23.97	24.50
		MID	QPSK	23.91	23.93	24.02	24.50
		HIGH	QPSK	23.85	23.88	23.88	24.50
15	LOW	QPSK	23.92	24.06	23.82	24.50	
3	1	LOW	Q16	23.79	24.29	23.97	24.50
		MID	Q16	23.96	24.31	24.11	24.50
		HIGH	Q16	23.94	24.32	23.85	24.50
	8	LOW	Q16	22.82	23.06	23.15	23.50
		MID	Q16	23.06	23.07	23.19	23.50
		HIGH	Q16	23.05	23.05	23.03	23.50
15	LOW	Q16	22.94	22.92	22.90	23.50	
3	1	LOW	64QAM	22.67	23.10	22.97	23.50
		MID	64QAM	22.92	23.28	23.18	23.50
		HIGH	64QAM	22.87	23.28	22.70	23.50
	8	LOW	64QAM	21.74	21.88	21.88	22.50
		MID	64QAM	22.09	21.92	22.25	22.50
		HIGH	64QAM	22.02	21.93	22.01	22.50
15	LOW	64QAM	21.75	21.93	21.96	22.50	

LTE B5-DSI 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.99	24.98	25.09	25.50
		MID	QPSK	25.01	25.15	25.02	25.50
		HIGH	QPSK	25.02	24.98	24.93	25.50
	12	LOW	QPSK	23.91	23.94	23.78	24.50
		MID	QPSK	24.03	24.12	24.00	24.50
		HIGH	QPSK	24.08	23.93	23.87	24.50
5	1	LOW	QPSK	23.99	23.98	23.95	24.50
	12	LOW	Q16	23.69	24.33	24.01	24.50
		MID	Q16	24.02	24.29	23.99	24.50
		HIGH	Q16	23.90	24.22	23.83	24.50
	25	LOW	Q16	22.93	23.07	23.16	23.50
		MID	Q16	23.10	23.00	22.99	23.50
5	1	LOW	Q16	22.84	23.06	22.83	23.50
	12	LOW	Q16	22.77	23.11	22.83	23.50
		MID	Q16	22.68	23.24	22.76	23.50
		HIGH	Q16	23.09	23.14	23.03	23.50
	25	LOW	Q16	22.84	23.37	22.92	23.50
		MID	Q16	21.96	21.84	21.93	22.50
5	1	LOW	Q16	22.15	22.13	22.09	22.50
	12	LOW	Q16	22.02	22.04	22.10	22.50
		MID	Q16	22.02	22.04	22.10	22.50
	25	LOW	Q16	21.92	21.85	21.97	22.50
		MID	Q16	21.92	21.85	21.97	22.50
		HIGH	Q16	21.92	21.85	21.97	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.90	24.92	25.03	25.50
		MID	QPSK	24.98	25.09	25.07	25.50
		HIGH	QPSK	24.94	24.99	25.02	25.50
	25	LOW	QPSK	23.87	23.87	23.93	24.50
		MID	QPSK	23.99	24.02	23.97	24.50
		HIGH	QPSK	23.93	23.98	23.85	24.50
10	1	LOW	QPSK	23.94	23.97	23.96	24.50
	25	LOW	Q16	23.79	24.26	23.93	24.50
		MID	Q16	23.89	24.37	23.99	24.50
		HIGH	Q16	23.82	24.34	23.91	24.50
	50	LOW	Q16	22.92	23.00	23.04	23.50
		MID	Q16	23.05	23.11	23.12	23.50
10	1	LOW	Q16	22.98	23.01	22.94	23.50
	25	LOW	Q16	22.92	22.96	22.94	23.50
		MID	Q16	22.92	22.96	22.94	23.50
	50	LOW	Q16	22.78	23.18	22.84	23.50
		MID	Q16	22.97	23.26	23.08	23.50
		HIGH	Q16	22.84	23.48	22.77	23.50
10	1	LOW	Q16	21.82	21.87	21.96	22.50
	25	LOW	Q16	22.12	22.06	22.22	22.50
		MID	Q16	22.12	22.06	22.22	22.50
	50	LOW	Q16	21.95	21.89	21.95	22.50
		MID	Q16	21.95	21.89	21.95	22.50
		HIGH	Q16	21.95	21.89	21.95	22.50

LTE B5-DSI 3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.87	24.07	24.50
		MID	QPSK	24.12	23.96	24.08	24.50
		HIGH	QPSK	24.02	24.02	23.91	24.50
	3	LOW	QPSK	23.88	24.04	23.85	24.50
		MID	QPSK	23.91	24.07	24.07	24.50
		HIGH	QPSK	23.90	24.08	23.88	24.50
1.4	1	LOW	QPSK	24.09	23.87	23.96	24.50
	3	LOW	Q16	23.81	24.37	23.96	24.50
		MID	Q16	24.02	24.45	23.94	24.50
		HIGH	Q16	23.88	24.35	23.91	24.50
	3	LOW	Q16	24.01	24.38	23.95	24.50
		MID	Q16	24.06	24.40	24.12	24.50
1.4	1	HIGH	Q16	23.82	24.40	23.89	24.50
	3	LOW	Q16	22.85	23.06	23.07	23.50
		MID	Q16	22.73	23.21	22.96	23.50
		HIGH	Q16	22.91	23.20	23.02	23.50
	3	LOW	64QAM	22.72	23.40	23.03	23.50
		MID	64QAM	22.87	23.23	22.99	23.50
1.4	1	HIGH	64QAM	23.10	23.39	23.05	23.50
	3	MID	64QAM	22.94	23.44	23.06	23.50
		HIGH	64QAM	21.83	22.04	22.21	22.50
	6	LOW	64QAM	21.83	22.04	22.21	22.50
		MID	64QAM	21.83	22.04	22.21	22.50
		HIGH	64QAM	21.83	22.04	22.21	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.79	24.12	23.87	24.50
		MID	QPSK	24.14	24.08	24.21	24.50
		HIGH	QPSK	23.99	24.06	24.05	24.50
	8	LOW	QPSK	23.78	23.85	23.84	24.50
		MID	QPSK	24.08	24.04	24.01	24.50
		HIGH	QPSK	24.02	23.86	24.02	24.50
3	15	LOW	QPSK	23.79	24.12	24.01	24.50
	1	LOW	Q16	23.90	24.26	23.89	24.50
		MID	Q16	23.81	24.41	23.99	24.50
		HIGH	Q16	23.89	24.39	24.03	24.50
	8	LOW	Q16	23.07	22.96	23.07	23.50
		MID	Q16	23.16	23.03	23.13	23.50
3	15	HIGH	Q16	23.05	23.18	22.85	23.50
	1	LOW	Q16	22.85	22.94	22.85	23.50
		MID	Q16	22.85	22.94	22.85	23.50
	8	LOW	64QAM	22.99	23.26	23.18	23.50
		MID	64QAM	22.88	23.36	23.01	23.50
		HIGH	64QAM	22.74	23.38	22.94	23.50
3	15	LOW	64QAM	22.02	22.01	22.17	22.50
	8	MID	64QAM	22.18	22.28	22.40	22.50
		HIGH	64QAM	22.29	22.08	21.98	22.50
	15	LOW	64QAM	22.01	21.96	22.15	22.50
		MID	64QAM	22.01	21.96	22.15	22.50
		HIGH	64QAM	22.01	21.96	22.15	22.50

LTE B5-DSI 3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	24.12	24.10	24.50
		MID	QPSK	24.13	24.00	24.00	24.50
		HIGH	QPSK	24.00	24.11	24.02	24.50
	12	LOW	QPSK	23.80	23.86	23.89	24.50
		MID	QPSK	23.94	24.13	24.10	24.50
		HIGH	QPSK	24.00	23.88	23.81	24.50
	25	LOW	QPSK	23.80	23.93	23.93	24.50
5	1	LOW	Q16	23.74	24.36	24.06	24.50
		MID	Q16	23.93	24.45	23.96	24.50
		HIGH	Q16	23.80	24.48	24.04	24.50
	12	LOW	Q16	23.00	22.95	23.19	23.50
		MID	Q16	23.17	23.16	23.10	23.50
		HIGH	Q16	22.90	23.13	22.88	23.50
	25	LOW	Q16	23.03	23.02	23.04	23.50
5	1	LOW	64QAM	22.75	23.14	23.17	23.50
		MID	64QAM	23.06	23.44	22.88	23.50
		HIGH	64QAM	22.71	23.49	22.82	23.50
	12	LOW	64QAM	21.84	21.79	22.08	22.50
		MID	64QAM	21.92	22.12	22.11	22.50
		HIGH	64QAM	22.24	22.20	21.80	22.50
	25	LOW	64QAM	22.16	22.04	22.13	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.93	23.97	24.00	24.50
		MID	QPSK	24.00	24.12	24.11	24.50
		HIGH	QPSK	23.97	24.01	24.01	24.50
	25	LOW	QPSK	23.93	23.93	23.95	24.50
		MID	QPSK	24.03	24.05	24.00	24.50
		HIGH	QPSK	23.98	23.96	23.88	24.50
	50	LOW	QPSK	23.94	24.01	23.97	24.50
10	1	LOW	Q16	23.86	24.32	24.00	24.50
		MID	Q16	23.91	24.41	24.05	24.50
		HIGH	Q16	23.90	24.36	23.95	24.50
	25	LOW	Q16	22.98	23.01	23.10	23.50
		MID	Q16	23.10	23.10	23.10	23.50
		HIGH	Q16	23.03	23.08	22.97	23.50
	50	LOW	Q16	22.98	23.03	22.98	23.50
10	1	LOW	64QAM	22.85	23.21	23.11	23.50
		MID	64QAM	23.01	23.34	22.97	23.50
		HIGH	64QAM	22.80	23.44	22.92	23.50
	25	LOW	64QAM	21.89	21.92	22.10	22.50
		MID	64QAM	22.03	22.24	22.25	22.50
		HIGH	64QAM	22.17	22.20	21.95	22.50
	50	LOW	64QAM	22.09	22.07	22.12	22.50

LTE B5-DSI 4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.87	24.07	24.50
		MID	QPSK	24.12	23.96	24.08	24.50
		HIGH	QPSK	24.02	24.02	23.91	24.50
	3	LOW	QPSK	23.88	24.04	23.85	24.50
		MID	QPSK	23.91	24.07	24.07	24.50
		HIGH	QPSK	23.90	24.08	23.88	24.50
	6	LOW	QPSK	24.09	23.87	23.96	24.50
1.4	1	LOW	Q16	23.81	24.37	23.96	24.50
		MID	Q16	24.02	24.45	23.94	24.50
		HIGH	Q16	23.88	24.35	23.91	24.50
	3	LOW	Q16	24.01	24.38	23.95	24.50
		MID	Q16	24.06	24.40	24.12	24.50
		HIGH	Q16	23.82	24.40	23.89	24.50
	6	LOW	Q16	22.85	23.06	23.07	23.50
1.4	1	LOW	64QAM	22.73	23.21	22.96	23.50
		MID	64QAM	22.91	23.20	23.02	23.50
		HIGH	64QAM	22.72	23.40	23.03	23.50
	3	LOW	64QAM	22.87	23.23	22.99	23.50
		MID	64QAM	23.10	23.39	23.05	23.50
		HIGH	64QAM	22.94	23.44	23.06	23.50
	6	LOW	64QAM	21.83	22.04	22.21	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.79	24.12	23.87	24.50
		MID	QPSK	24.14	24.08	24.21	24.50
		HIGH	QPSK	23.99	24.06	24.05	24.50
	8	LOW	QPSK	23.78	23.85	23.84	24.50
		MID	QPSK	24.08	24.04	24.01	24.50
		HIGH	QPSK	24.02	23.86	24.02	24.50
	15	LOW	QPSK	23.79	24.12	24.01	24.50
3	1	LOW	Q16	23.90	24.26	23.89	24.50
		MID	Q16	23.81	24.41	23.99	24.50
		HIGH	Q16	23.89	24.39	24.03	24.50
	8	LOW	Q16	23.07	22.96	23.07	23.50
		MID	Q16	23.16	23.03	23.13	23.50
		HIGH	Q16	23.05	23.18	22.85	23.50
	15	LOW	Q16	22.85	22.94	22.85	23.50
3	1	LOW	64QAM	22.99	23.26	23.18	23.50
		MID	64QAM	22.88	23.36	23.01	23.50
		HIGH	64QAM	22.74	23.38	22.94	23.50
	8	LOW	64QAM	22.02	22.01	22.17	22.50
		MID	64QAM	22.18	22.28	22.40	22.50
		HIGH	64QAM	22.29	22.08	21.98	22.50
	15	LOW	64QAM	22.01	21.96	22.15	22.50

LTE B5-DSI 4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	24.12	24.10	24.50
		MID	QPSK	24.13	24.00	24.00	24.50
		HIGH	QPSK	24.00	24.11	24.02	24.50
	12	LOW	QPSK	23.80	23.86	23.89	24.50
		MID	QPSK	23.94	24.13	24.10	24.50
		HIGH	QPSK	24.00	23.88	23.81	24.50
	25	LOW	QPSK	23.80	23.93	23.93	24.50
5	1	LOW	Q16	23.74	24.36	24.06	24.50
		MID	Q16	23.93	24.45	23.96	24.50
		HIGH	Q16	23.80	24.48	24.04	24.50
	12	LOW	Q16	23.00	22.95	23.19	23.50
		MID	Q16	23.17	23.16	23.10	23.50
		HIGH	Q16	22.90	23.13	22.88	23.50
	25	LOW	Q16	23.03	23.02	23.04	23.50
5	1	LOW	64QAM	22.75	23.14	23.17	23.50
		MID	64QAM	23.06	23.44	22.88	23.50
		HIGH	64QAM	22.71	23.49	22.82	23.50
	12	LOW	64QAM	21.84	21.79	22.08	22.50
		MID	64QAM	21.92	22.12	22.11	22.50
		HIGH	64QAM	22.24	22.20	21.80	22.50
	25	LOW	64QAM	22.16	22.04	22.13	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.93	23.97	24.00	24.50
		MID	QPSK	24.00	24.12	24.11	24.50
		HIGH	QPSK	23.97	24.01	24.01	24.50
	25	LOW	QPSK	23.93	23.93	23.95	24.50
		MID	QPSK	24.03	24.05	24.00	24.50
		HIGH	QPSK	23.98	23.96	23.88	24.50
	50	LOW	QPSK	23.94	24.01	23.97	24.50
10	1	LOW	Q16	23.86	24.32	24.00	24.50
		MID	Q16	23.91	24.41	24.05	24.50
		HIGH	Q16	23.90	24.36	23.95	24.50
	25	LOW	Q16	22.98	23.01	23.10	23.50
		MID	Q16	23.10	23.10	23.10	23.50
		HIGH	Q16	23.03	23.08	22.97	23.50
	50	LOW	Q16	22.98	23.03	22.98	23.50
10	1	LOW	64QAM	22.85	23.21	23.11	23.50
		MID	64QAM	23.01	23.34	22.97	23.50
		HIGH	64QAM	22.80	23.44	22.92	23.50
	25	LOW	64QAM	21.89	21.92	22.10	22.50
		MID	64QAM	22.03	22.24	22.25	22.50
		HIGH	64QAM	22.17	22.20	21.95	22.50
	50	LOW	64QAM	22.09	22.07	22.12	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	25.27	25.21	25.31	25.50
		MID	QPSK	25.23	25.36	25.46	25.50
		HIGH	QPSK	25.45	25.34	25.35	25.50
	12	LOW	QPSK	24.30	24.46	24.47	24.50
		MID	QPSK	24.33	24.34	24.49	24.50
		HIGH	QPSK	24.27	24.50	24.36	24.50
	25	LOW	QPSK	24.40	24.26	24.46	24.50
5	1	LOW	Q16	24.23	24.36	24.27	24.50
		MID	Q16	24.33	24.44	24.48	24.50
		HIGH	Q16	24.41	24.27	24.28	24.50
	12	LOW	Q16	23.26	23.44	23.44	23.50
		MID	Q16	23.41	23.45	23.27	23.50
		HIGH	Q16	23.43	23.36	23.28	23.50
	25	LOW	Q16	23.20	23.45	23.45	23.50
5	1	LOW	64QAM	23.42	23.35	23.45	23.50
		MID	64QAM	23.32	23.30	23.28	23.50
		HIGH	64QAM	23.32	23.34	23.32	23.50
	12	LOW	64QAM	22.20	22.41	22.37	22.50
		MID	64QAM	22.33	22.34	22.38	22.50
		HIGH	64QAM	22.43	22.33	22.25	22.50
	25	LOW	64QAM	22.27	22.40	22.42	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	25.20	25.44	25.21	25.50
		MID	QPSK	25.49	25.46	25.35	25.50
		HIGH	QPSK	25.39	25.38	25.22	25.50
	25	LOW	QPSK	24.31	24.23	24.35	24.50
		MID	QPSK	24.29	24.46	24.45	24.50
		HIGH	QPSK	24.23	24.44	24.33	24.50
10	50	LOW	QPSK	24.28	24.35	24.45	24.50
10	1	LOW	Q16	24.42	24.49	24.44	24.50
		MID	Q16	24.46	24.47	24.43	24.50
		HIGH	Q16	24.24	24.48	24.27	24.50
	25	LOW	Q16	23.21	23.39	23.35	23.50
		MID	Q16	23.29	23.21	23.40	23.50
		HIGH	Q16	23.40	23.24	23.32	23.50
	50	LOW	Q16	23.37	23.45	23.27	23.50
10	1	LOW	64QAM	23.41	23.42	23.31	23.50
		MID	64QAM	23.22	23.40	23.48	23.50
		HIGH	64QAM	23.45	23.43	23.39	23.50
	25	LOW	64QAM	22.09	22.22	22.36	22.50
		MID	64QAM	22.31	22.48	22.37	22.50
		HIGH	64QAM	22.33	22.25	22.26	22.50
	50	LOW	64QAM	22.05	22.22	22.38	22.50

LTE B7-Full Power -Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	25.10	25.32	25.31	25.50
		MID	QPSK	25.28	25.31	25.21	25.50
		HIGH	QPSK	25.22	25.41	25.44	25.50
	36	LOW	QPSK	24.20	24.29	24.37	24.50
		MID	QPSK	24.24	24.34	24.42	24.50
		HIGH	QPSK	24.46	24.43	24.43	24.50
	75	LOW	QPSK	24.23	24.42	24.32	24.50
15	1	LOW	Q16	24.41	24.30	24.40	24.50
		MID	Q16	24.23	24.40	24.32	24.50
		HIGH	Q16	24.36	24.30	24.24	24.50
	36	LOW	Q16	23.35	23.46	23.39	23.50
		MID	Q16	23.23	23.25	23.42	23.50
		HIGH	Q16	23.33	23.29	23.25	23.50
	75	LOW	Q16	23.33	23.23	23.29	23.50
15	1	LOW	64QAM	23.26	23.42	23.41	23.50
		MID	64QAM	23.21	23.39	23.32	23.50
		HIGH	64QAM	23.28	23.30	23.44	23.50
	36	LOW	64QAM	22.17	22.42	22.29	22.50
		MID	64QAM	22.21	22.32	22.43	22.50
		HIGH	64QAM	22.32	22.27	22.42	22.50
	75	LOW	64QAM	22.09	22.49	22.37	22.50
Bandwidth (	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	25.23	25.33	25.33	25.50
		MID	QPSK	25.46	25.26	25.27	25.50
		HIGH	QPSK	25.31	25.49	25.24	25.50
	50	LOW	QPSK	24.26	24.38	24.48	24.50
		MID	QPSK	24.40	24.49	24.27	24.50
		HIGH	QPSK	24.36	24.43	24.45	24.50
100	LOW	QPSK	24.33	24.42	24.46	24.50	
20	1	LOW	Q16	24.32	24.31	24.26	24.50
		MID	Q16	24.26	24.21	24.48	24.50
		HIGH	Q16	24.43	24.39	24.36	24.50
	50	LOW	Q16	23.24	23.37	23.40	23.50
		MID	Q16	23.40	23.47	23.50	23.50
		HIGH	Q16	23.31	23.36	23.38	23.50
	100	LOW	Q16	23.26	23.39	23.44	23.50
20	1	LOW	64QAM	23.21	23.23	23.40	23.50
		MID	64QAM	23.32	23.45	23.38	23.50
		HIGH	64QAM	23.26	23.35	23.40	23.50
	50	LOW	64QAM	22.14	22.50	22.40	22.50
		MID	64QAM	22.34	22.50	22.38	22.50
		HIGH	64QAM	22.34	22.21	22.50	22.50
	100	LOW	64QAM	22.16	22.37	22.49	22.50

LTE B7-DSI 1-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.27	18.42	18.11	18.50
		MID	QPSK	18.37	18.37	18.28	18.50
		HIGH	QPSK	18.14	18.31	18.46	18.50
	12	LOW	QPSK	18.37	18.11	18.50	18.50
		MID	QPSK	18.46	18.13	18.50	18.50
		HIGH	QPSK	18.37	18.50	18.49	18.50
	25	LOW	QPSK	18.13	18.29	18.13	18.50
5	1	LOW	Q16	18.22	18.18	18.24	18.50
		MID	Q16	18.49	18.32	18.40	18.50
		HIGH	Q16	18.44	18.30	18.27	18.50
	12	LOW	Q16	18.35	18.24	18.31	18.50
		MID	Q16	18.47	18.33	18.36	18.50
		HIGH	Q16	18.39	18.50	18.29	18.50
	25	LOW	Q16	18.11	18.21	18.26	18.50
5	1	LOW	64QAM	18.15	18.35	18.22	18.50
		MID	64QAM	18.50	18.30	18.42	18.50
		HIGH	64QAM	18.48	18.34	18.42	18.50
	12	LOW	64QAM	18.33	18.16	18.36	18.50
		MID	64QAM	18.36	18.34	18.12	18.50
		HIGH	64QAM	18.45	18.45	18.38	18.50
	25	LOW	64QAM	18.36	18.41	18.48	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.15	18.27	18.24	18.50
		MID	QPSK	18.12	18.12	18.27	18.50
		HIGH	QPSK	18.13	18.40	18.47	18.50
	25	LOW	QPSK	18.25	18.45	18.34	18.50
		MID	QPSK	18.26	18.27	18.22	18.50
		HIGH	QPSK	18.35	18.32	18.49	18.50
	50	LOW	QPSK	18.10	18.22	18.45	18.50
10	1	LOW	Q16	18.30	18.33	18.28	18.50
		MID	Q16	18.13	18.31	18.29	18.50
		HIGH	Q16	18.44	18.45	18.44	18.50
	25	LOW	Q16	18.15	18.45	18.47	18.50
		MID	Q16	18.21	18.29	18.49	18.50
		HIGH	Q16	18.35	18.33	18.48	18.50
	50	LOW	Q16	18.23	18.20	18.26	18.50
10	1	LOW	64QAM	18.35	18.48	18.17	18.50
		MID	64QAM	18.22	18.17	18.43	18.50
		HIGH	64QAM	18.12	18.24	18.26	18.50
	25	LOW	64QAM	18.18	18.12	18.48	18.50
		MID	64QAM	18.25	18.26	18.21	18.50
		HIGH	64QAM	18.20	18.43	18.22	18.50
	50	LOW	64QAM	18.31	18.40	18.15	18.50

LTE B7-DSI 1-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.03	18.25	18.41	18.50
		MID	QPSK	18.49	18.18	18.29	18.50
		HIGH	QPSK	18.31	18.28	18.13	18.50
	36	LOW	QPSK	18.26	18.31	18.40	18.50
		MID	QPSK	18.46	18.39	18.21	18.50
		HIGH	QPSK	18.32	18.39	18.17	18.50
	75	LOW	QPSK	18.31	18.36	18.27	18.50
15	1	LOW	Q16	18.20	18.35	18.17	18.50
		MID	Q16	18.43	18.18	18.42	18.50
		HIGH	Q16	18.19	18.22	18.21	18.50
	36	LOW	Q16	18.24	18.47	18.48	18.50
		MID	Q16	18.47	18.11	18.16	18.50
		HIGH	Q16	18.27	18.26	18.24	18.50
	75	LOW	Q16	18.18	18.22	18.47	18.50
15	1	LOW	64QAM	18.42	18.35	18.40	18.50
		MID	64QAM	18.25	18.42	18.47	18.50
		HIGH	64QAM	18.39	18.31	18.49	18.50
	36	LOW	64QAM	18.28	18.29	18.21	18.50
		MID	64QAM	18.28	18.24	18.28	18.50
		HIGH	64QAM	18.28	18.35	18.29	18.50
	75	LOW	64QAM	18.33	18.33	18.34	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.16	18.28	18.26	18.50
		MID	QPSK	18.44	18.40	18.26	18.50
		HIGH	QPSK	18.27	18.45	18.44	18.50
	50	LOW	QPSK	18.25	18.38	18.47	18.50
		MID	QPSK	18.36	18.48	18.27	18.50
		HIGH	QPSK	18.32	18.40	18.42	18.50
100	LOW	QPSK	18.25	18.39	18.42	18.50	
20	1	LOW	Q16	18.33	18.37	18.32	18.50
		MID	Q16	18.28	18.30	18.32	18.50
		HIGH	Q16	18.43	18.50	18.50	18.50
	50	LOW	Q16	18.22	18.34	18.36	18.50
		MID	Q16	18.35	18.44	18.47	18.50
		HIGH	Q16	18.28	18.39	18.36	18.50
	100	LOW	Q16	18.26	18.35	18.38	18.50
20	1	LOW	64QAM	18.48	18.31	18.39	18.50
		MID	64QAM	18.19	18.32	18.28	18.50
		HIGH	64QAM	18.16	18.35	18.23	18.50
	50	LOW	64QAM	18.32	18.43	18.34	18.50
		MID	64QAM	18.23	18.37	18.27	18.50
		HIGH	64QAM	18.30	18.35	18.33	18.50
	100	LOW	64QAM	18.24	18.34	18.21	18.50

LTE B7-DSI 3-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.25	24.19	24.41	24.50
		MID	QPSK	24.47	24.13	24.18	24.50
		HIGH	QPSK	24.30	24.45	24.14	24.50
	12	LOW	QPSK	24.14	24.40	24.46	24.50
		MID	QPSK	24.23	24.30	24.23	24.50
		HIGH	QPSK	24.45	24.26	24.14	24.50
	25	LOW	QPSK	24.41	24.26	24.30	24.50
5	1	LOW	Q16	24.28	24.30	24.23	24.50
		MID	Q16	24.33	24.46	24.48	24.50
		HIGH	Q16	24.38	24.42	24.28	24.50
	12	LOW	Q16	23.20	23.47	23.28	23.50
		MID	Q16	23.39	23.45	23.26	23.50
		HIGH	Q16	23.49	23.17	23.44	23.50
	25	LOW	Q16	23.27	23.38	23.24	23.50
5	1	LOW	64QAM	23.50	23.37	23.31	23.50
		MID	64QAM	23.47	23.35	23.45	23.50
		HIGH	64QAM	23.46	23.46	23.47	23.50
	12	LOW	64QAM	22.43	22.32	22.15	22.50
		MID	64QAM	22.35	22.39	22.41	22.50
		HIGH	64QAM	22.24	22.30	22.31	22.50
	25	LOW	64QAM	22.27	22.48	22.28	22.50
Bandwidth (	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.45	24.45	24.17	24.50
		MID	QPSK	24.43	24.14	24.17	24.50
		HIGH	QPSK	24.11	24.11	24.36	24.50
	25	LOW	QPSK	24.22	24.41	24.23	24.50
		MID	QPSK	24.24	24.37	24.38	24.50
		HIGH	QPSK	24.47	24.34	24.19	24.50
	50	LOW	QPSK	24.42	24.49	24.12	24.50
10	1	LOW	Q16	24.24	24.11	24.40	24.50
		MID	Q16	24.37	24.31	24.30	24.50
		HIGH	Q16	24.42	24.39	24.48	24.50
	25	LOW	Q16	23.42	23.21	23.27	23.50
		MID	Q16	23.30	23.26	23.25	23.50
		HIGH	Q16	23.42	23.40	23.46	23.50
	50	LOW	Q16	23.23	23.27	23.49	23.50
10	1	LOW	64QAM	23.21	23.27	23.38	23.50
		MID	64QAM	23.17	23.37	23.21	23.50
		HIGH	64QAM	23.42	23.40	23.24	23.50
	25	LOW	64QAM	22.38	22.29	22.30	22.50
		MID	64QAM	22.39	22.44	22.28	22.50
		HIGH	64QAM	22.46	22.29	22.30	22.50
	50	LOW	64QAM	22.31	22.21	22.48	22.50

LTE B7-DSI 3-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.19	24.29	24.30	24.50
		MID	QPSK	24.23	24.31	24.22	24.50
		HIGH	QPSK	24.32	24.23	24.22	24.50
	36	LOW	QPSK	24.42	24.50	24.24	24.50
		MID	QPSK	24.34	24.38	24.39	24.50
		HIGH	QPSK	24.50	24.40	24.42	24.50
	75	LOW	QPSK	24.40	24.43	24.46	24.50
15	1	LOW	Q16	24.34	24.49	24.31	24.50
		MID	Q16	24.35	24.40	24.29	24.50
		HIGH	Q16	24.38	24.36	24.42	24.50
	36	LOW	Q16	23.20	23.38	23.44	23.50
		MID	Q16	23.35	23.35	23.37	23.50
		HIGH	Q16	23.36	23.41	23.42	23.50
	75	LOW	Q16	23.36	23.42	23.38	23.50
15	1	LOW	64QAM	23.36	23.47	23.42	23.50
		MID	64QAM	23.24	23.41	23.43	23.50
		HIGH	64QAM	23.45	23.25	23.50	23.50
	36	LOW	64QAM	22.45	22.28	22.33	22.50
		MID	64QAM	22.36	22.37	22.50	22.50
		HIGH	64QAM	22.39	22.41	22.43	22.50
	75	LOW	64QAM	22.46	22.34	22.44	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.30	24.45	24.50	24.50
		MID	QPSK	24.27	24.34	24.41	24.50
		HIGH	QPSK	24.42	24.27	24.36	24.50
	50	LOW	QPSK	24.41	24.22	24.30	24.50
		MID	QPSK	24.23	24.33	24.36	24.50
		HIGH	QPSK	24.49	24.22	24.25	24.50
	100	LOW	QPSK	24.43	24.21	24.29	24.50
20	1	LOW	Q16	24.28	24.34	24.42	24.50
		MID	Q16	24.32	24.35	24.43	24.50
		HIGH	Q16	24.40	24.45	24.49	24.50
	50	LOW	Q16	23.32	23.22	23.25	23.50
		MID	Q16	23.45	23.29	23.34	23.50
		HIGH	Q16	23.39	23.22	23.50	23.50
	100	LOW	Q16	23.36	23.21	23.21	23.50
20	1	LOW	64QAM	23.50	23.38	23.31	23.50
		MID	64QAM	23.42	23.45	23.45	23.50
		HIGH	64QAM	23.28	23.48	23.40	23.50
	50	LOW	64QAM	22.33	22.37	22.30	22.50
		MID	64QAM	22.34	22.40	22.45	22.50
		HIGH	64QAM	22.38	22.39	22.42	22.50
	100	LOW	64QAM	22.34	22.22	22.29	22.50

LTE B7-DSI 4-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.27	18.42	18.11	18.50
		MID	QPSK	18.37	18.37	18.28	18.50
		HIGH	QPSK	18.14	18.31	18.46	18.50
	12	LOW	QPSK	18.37	18.11	18.50	18.50
		MID	QPSK	18.46	18.13	18.50	18.50
		HIGH	QPSK	18.37	18.50	18.49	18.50
	25	LOW	QPSK	18.13	18.29	18.13	18.50
5	1	LOW	Q16	18.22	18.18	18.24	18.50
		MID	Q16	18.49	18.32	18.40	18.50
		HIGH	Q16	18.44	18.30	18.27	18.50
	12	LOW	Q16	18.35	18.24	18.31	18.50
		MID	Q16	18.47	18.33	18.36	18.50
		HIGH	Q16	18.39	18.50	18.29	18.50
	25	LOW	Q16	18.11	18.21	18.26	18.50
5	1	LOW	64QAM	18.15	18.35	18.22	18.50
		MID	64QAM	18.50	18.30	18.42	18.50
		HIGH	64QAM	18.48	18.34	18.42	18.50
	12	LOW	64QAM	18.33	18.16	18.36	18.50
		MID	64QAM	18.36	18.34	18.12	18.50
		HIGH	64QAM	18.45	18.45	18.38	18.50
	25	LOW	64QAM	18.36	18.41	18.48	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.15	18.27	18.24	18.50
		MID	QPSK	18.12	18.12	18.27	18.50
		HIGH	QPSK	18.13	18.40	18.47	18.50
	25	LOW	QPSK	18.25	18.45	18.34	18.50
		MID	QPSK	18.26	18.27	18.22	18.50
		HIGH	QPSK	18.35	18.32	18.49	18.50
10	50	LOW	QPSK	18.10	18.22	18.45	18.50
10	1	LOW	Q16	18.30	18.33	18.28	18.50
		MID	Q16	18.13	18.31	18.29	18.50
		HIGH	Q16	18.44	18.45	18.44	18.50
	25	LOW	Q16	18.15	18.45	18.47	18.50
		MID	Q16	18.21	18.29	18.49	18.50
		HIGH	Q16	18.35	18.33	18.48	18.50
	50	LOW	Q16	18.23	18.20	18.26	18.50
10	1	LOW	64QAM	18.35	18.48	18.17	18.50
		MID	64QAM	18.22	18.17	18.43	18.50
		HIGH	64QAM	18.12	18.24	18.26	18.50
	25	LOW	64QAM	18.18	18.12	18.48	18.50
		MID	64QAM	18.25	18.26	18.21	18.50
		HIGH	64QAM	18.20	18.43	18.22	18.50
	50	LOW	64QAM	18.31	18.40	18.15	18.50

LTE B7-DSI 4-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.03	18.25	18.41	18.50
		MID	QPSK	18.49	18.18	18.29	18.50
		HIGH	QPSK	18.31	18.28	18.13	18.50
	36	LOW	QPSK	18.26	18.31	18.40	18.50
		MID	QPSK	18.46	18.39	18.21	18.50
		HIGH	QPSK	18.32	18.39	18.17	18.50
	75	LOW	QPSK	18.31	18.36	18.27	18.50
15	1	LOW	Q16	18.20	18.35	18.17	18.50
		MID	Q16	18.43	18.18	18.42	18.50
		HIGH	Q16	18.19	18.22	18.21	18.50
	36	LOW	Q16	18.24	18.47	18.48	18.50
		MID	Q16	18.47	18.11	18.16	18.50
		HIGH	Q16	18.27	18.26	18.24	18.50
	75	LOW	Q16	18.18	18.22	18.47	18.50
15	1	LOW	64QAM	18.42	18.35	18.40	18.50
		MID	64QAM	18.25	18.42	18.47	18.50
		HIGH	64QAM	18.39	18.31	18.49	18.50
	36	LOW	64QAM	18.28	18.29	18.21	18.50
		MID	64QAM	18.28	18.24	18.28	18.50
		HIGH	64QAM	18.28	18.35	18.29	18.50
	75	LOW	64QAM	18.33	18.33	18.34	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.16	18.28	18.26	18.50
		MID	QPSK	18.44	18.40	18.26	18.50
		HIGH	QPSK	18.27	18.45	18.44	18.50
	50	LOW	QPSK	18.25	18.38	18.47	18.50
		MID	QPSK	18.36	18.48	18.27	18.50
		HIGH	QPSK	18.32	18.40	18.42	18.50
100	LOW	QPSK	18.25	18.39	18.42	18.50	
20	1	LOW	Q16	18.33	18.37	18.32	18.50
		MID	Q16	18.28	18.30	18.32	18.50
		HIGH	Q16	18.43	18.50	18.50	18.50
	50	LOW	Q16	18.22	18.34	18.36	18.50
		MID	Q16	18.35	18.44	18.47	18.50
		HIGH	Q16	18.28	18.39	18.36	18.50
	100	LOW	Q16	18.26	18.35	18.38	18.50
20	1	LOW	64QAM	18.48	18.31	18.39	18.50
		MID	64QAM	18.19	18.32	18.28	18.50
		HIGH	64QAM	18.16	18.35	18.23	18.50
	50	LOW	64QAM	18.32	18.43	18.34	18.50
		MID	64QAM	18.23	18.37	18.27	18.50
		HIGH	64QAM	18.30	18.35	18.33	18.50
	100	LOW	64QAM	18.24	18.34	18.21	18.50

LTE B7-Full Power -Ant.1							
Bandwidth (	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.22	24.41	24.24	25.50
		MID	QPSK	24.65	24.64	24.52	25.50
		HIGH	QPSK	24.58	24.37	24.39	25.50
	12	LOW	QPSK	23.29	23.51	23.47	24.50
		MID	QPSK	23.38	23.57	23.61	24.50
		HIGH	QPSK	23.53	23.42	23.45	24.50
	25	LOW	QPSK	23.44	23.65	23.37	24.50
5	1	LOW	Q16	23.80	23.79	23.38	24.50
		MID	Q16	24.13	23.99	23.59	24.50
		HIGH	Q16	23.74	23.98	23.46	24.50
	12	LOW	Q16	22.38	22.41	22.08	23.50
		MID	Q16	22.41	22.69	22.36	23.50
		HIGH	Q16	22.30	22.36	22.01	23.50
	25	LOW	Q16	22.48	22.38	22.23	23.50
5	1	LOW	64QAM	22.91	22.89	22.60	23.50
		MID	64QAM	22.81	23.13	22.63	23.50
		HIGH	64QAM	22.92	22.84	22.55	23.50
	12	LOW	64QAM	21.06	21.33	21.18	22.50
		MID	64QAM	21.29	21.61	21.11	22.50
		HIGH	64QAM	21.35	21.43	21.18	22.50
	25	LOW	64QAM	21.61	21.49	21.12	22.50
Bandwidth (	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.44	24.32	24.30	25.50
		MID	QPSK	24.77	24.66	24.56	25.50
		HIGH	QPSK	24.53	24.37	24.42	25.50
	25	LOW	QPSK	23.35	23.41	23.34	24.50
		MID	QPSK	23.64	23.69	23.54	24.50
		HIGH	QPSK	23.55	23.62	23.31	24.50
	50	LOW	QPSK	23.27	23.64	23.47	24.50
10	1	LOW	Q16	23.70	23.71	23.36	24.50
		MID	Q16	24.15	24.13	23.80	24.50
		HIGH	Q16	23.78	23.85	23.30	24.50
	25	LOW	Q16	22.31	22.40	22.31	23.50
		MID	Q16	22.64	22.51	22.30	23.50
		HIGH	Q16	22.43	22.51	22.07	23.50
	50	LOW	Q16	22.40	22.45	22.27	23.50
10	1	LOW	64QAM	22.79	22.86	22.36	23.50
		MID	64QAM	22.94	23.05	22.49	23.50
		HIGH	64QAM	23.07	22.79	22.41	23.50
	25	LOW	64QAM	21.08	21.46	20.94	22.50
		MID	64QAM	21.43	21.48	21.17	22.50
		HIGH	64QAM	21.21	21.21	21.23	22.50
	50	LOW	64QAM	21.56	21.59	21.24	22.50

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.41	24.52	24.51	25.50
		MID	QPSK	24.48	24.58	24.60	25.50
		HIGH	QPSK	24.58	24.43	24.50	25.50
	36	LOW	QPSK	23.32	23.47	23.30	24.50
		MID	QPSK	23.60	23.76	23.51	24.50
		HIGH	QPSK	23.47	23.44	23.30	24.50
	75	LOW	QPSK	23.32	23.53	23.41	24.50
15	1	LOW	Q16	23.88	23.66	23.30	24.50
		MID	Q16	23.91	24.11	23.81	24.50
		HIGH	Q16	23.77	23.75	23.55	24.50
	36	LOW	Q16	22.41	22.51	22.11	23.50
		MID	Q16	22.61	22.73	22.34	23.50
		HIGH	Q16	22.53	22.35	22.13	23.50
	75	LOW	Q16	22.33	22.47	22.20	23.50
15	1	LOW	64QAM	22.80	22.82	22.58	23.50
		MID	64QAM	23.05	23.15	22.61	23.50
		HIGH	64QAM	23.03	22.59	22.42	23.50
	36	LOW	64QAM	21.04	21.21	20.97	22.50
		MID	64QAM	21.46	21.65	20.94	22.50
		HIGH	64QAM	21.28	21.47	21.27	22.50
	75	LOW	64QAM	21.44	21.42	21.09	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.33	24.46	24.38	25.50
		MID	QPSK	24.62	24.69	24.61	25.50
		HIGH	QPSK	24.48	24.52	24.46	25.50
	50	LOW	QPSK	23.36	23.52	23.44	24.50
		MID	QPSK	23.49	23.64	23.55	24.50
		HIGH	QPSK	23.47	23.57	23.33	24.50
100	LOW	QPSK	23.40	23.56	23.47	24.50	
20	1	LOW	Q16	23.78	23.79	23.41	24.50
		MID	Q16	24.03	24.00	23.71	24.50
		HIGH	Q16	23.89	23.83	23.42	24.50
	50	LOW	Q16	22.33	22.42	22.16	23.50
		MID	Q16	22.49	22.58	22.21	23.50
		HIGH	Q16	22.41	22.47	22.14	23.50
	100	LOW	Q16	22.37	22.52	22.27	23.50
20	1	LOW	64QAM	22.82	22.78	22.45	23.50
		MID	64QAM	22.94	23.00	22.64	23.50
		HIGH	64QAM	22.95	22.71	22.52	23.50
	50	LOW	64QAM	21.19	21.35	21.03	22.50
		MID	64QAM	21.43	21.58	21.08	22.50
		HIGH	64QAM	21.36	21.35	21.23	22.50
	100	LOW	64QAM	21.49	21.49	21.12	22.50

LTE B7-DSI 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	24.22	24.41	24.24	25.50
		MID	QPSK	24.65	24.64	24.52	25.50
		HIGH	QPSK	24.58	24.37	24.39	25.50
	12	LOW	QPSK	23.29	23.51	23.47	24.50
		MID	QPSK	23.38	23.57	23.61	24.50
		HIGH	QPSK	23.53	23.42	23.45	24.50
	25	LOW	QPSK	23.44	23.65	23.37	24.50
5	1	LOW	Q16	23.80	23.79	23.38	24.50
		MID	Q16	24.13	23.99	23.59	24.50
		HIGH	Q16	23.74	23.98	23.46	24.50
	12	LOW	Q16	22.38	22.41	22.08	23.50
		MID	Q16	22.41	22.69	22.36	23.50
		HIGH	Q16	22.30	22.36	22.01	23.50
	25	LOW	Q16	22.48	22.38	22.23	23.50
5	1	LOW	64QAM	22.91	22.89	22.60	23.50
		MID	64QAM	22.81	23.13	22.63	23.50
		HIGH	64QAM	22.92	22.84	22.55	23.50
	12	LOW	64QAM	21.06	21.33	21.18	22.50
		MID	64QAM	21.29	21.61	21.11	22.50
		HIGH	64QAM	21.35	21.43	21.18	22.50
	25	LOW	64QAM	21.61	21.49	21.12	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	24.44	24.32	24.30	25.50
		MID	QPSK	24.77	24.66	24.56	25.50
		HIGH	QPSK	24.53	24.37	24.42	25.50
	25	LOW	QPSK	23.35	23.41	23.34	24.50
		MID	QPSK	23.64	23.69	23.54	24.50
		HIGH	QPSK	23.55	23.62	23.31	24.50
50	LOW	QPSK	23.27	23.64	23.47	24.50	
10	1	LOW	Q16	23.70	23.71	23.36	24.50
		MID	Q16	24.15	24.13	23.80	24.50
		HIGH	Q16	23.78	23.85	23.30	24.50
	25	LOW	Q16	22.31	22.40	22.31	23.50
		MID	Q16	22.64	22.51	22.30	23.50
		HIGH	Q16	22.43	22.51	22.07	23.50
	50	LOW	Q16	22.40	22.45	22.27	23.50
10	1	LOW	64QAM	22.79	22.86	22.36	23.50
		MID	64QAM	22.94	23.05	22.49	23.50
		HIGH	64QAM	23.07	22.79	22.41	23.50
	25	LOW	64QAM	21.08	21.46	20.94	22.50
		MID	64QAM	21.43	21.48	21.17	22.50
		HIGH	64QAM	21.21	21.21	21.23	22.50
	50	LOW	64QAM	21.56	21.59	21.24	22.50

LTE B7-DSI 1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	24.41	24.52	24.51	25.50
		MID	QPSK	24.48	24.58	24.60	25.50
		HIGH	QPSK	24.58	24.43	24.50	25.50
	36	LOW	QPSK	23.32	23.47	23.30	24.50
		MID	QPSK	23.60	23.76	23.51	24.50
		HIGH	QPSK	23.47	23.44	23.30	24.50
	75	LOW	QPSK	23.32	23.53	23.41	24.50
15	1	LOW	Q16	23.88	23.66	23.30	24.50
		MID	Q16	23.91	24.11	23.81	24.50
		HIGH	Q16	23.77	23.75	23.55	24.50
	36	LOW	Q16	22.41	22.51	22.11	23.50
		MID	Q16	22.61	22.73	22.34	23.50
		HIGH	Q16	22.53	22.35	22.13	23.50
	75	LOW	Q16	22.33	22.47	22.20	23.50
15	1	LOW	64QAM	22.80	22.82	22.58	23.50
		MID	64QAM	23.05	23.15	22.61	23.50
		HIGH	64QAM	23.03	22.59	22.42	23.50
	36	LOW	64QAM	21.04	21.21	20.97	22.50
		MID	64QAM	21.46	21.65	20.94	22.50
		HIGH	64QAM	21.28	21.47	21.27	22.50
	75	LOW	64QAM	21.44	21.42	21.09	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	24.33	24.46	24.38	25.50
		MID	QPSK	24.62	24.69	24.61	25.50
		HIGH	QPSK	24.48	24.52	24.46	25.50
	50	LOW	QPSK	23.36	23.52	23.44	24.50
		MID	QPSK	23.49	23.64	23.55	24.50
		HIGH	QPSK	23.47	23.57	23.33	24.50
100	LOW	QPSK	23.40	23.56	23.47	24.50	
20	1	LOW	Q16	23.78	23.79	23.41	24.50
		MID	Q16	24.03	24.00	23.71	24.50
		HIGH	Q16	23.89	23.83	23.42	24.50
	50	LOW	Q16	22.33	22.42	22.16	23.50
		MID	Q16	22.49	22.58	22.21	23.50
		HIGH	Q16	22.41	22.47	22.14	23.50
	100	LOW	Q16	22.37	22.52	22.27	23.50
20	1	LOW	64QAM	22.82	22.78	22.45	23.50
		MID	64QAM	22.94	23.00	22.64	23.50
		HIGH	64QAM	22.95	22.71	22.52	23.50
	50	LOW	64QAM	21.19	21.35	21.03	22.50
		MID	64QAM	21.43	21.58	21.08	22.50
		HIGH	64QAM	21.36	21.35	21.23	22.50
	100	LOW	64QAM	21.49	21.49	21.12	22.50

LTE B7-DSI 3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.39	18.55	18.56	19.50
		MID	QPSK	18.80	18.77	18.64	19.50
		HIGH	QPSK	18.63	18.66	18.72	19.50
	12	LOW	QPSK	18.53	18.56	18.60	19.50
		MID	QPSK	18.54	18.84	18.90	19.50
		HIGH	QPSK	18.52	18.73	18.60	19.50
	25	LOW	QPSK	18.41	18.63	18.75	19.50
5	1	LOW	Q16	18.78	18.80	18.91	19.50
		MID	Q16	19.23	19.25	19.06	19.50
		HIGH	Q16	18.90	18.97	19.12	19.50
	12	LOW	Q16	18.62	18.65	18.45	19.50
		MID	Q16	18.54	18.74	18.60	19.50
		HIGH	Q16	18.67	18.73	18.54	19.50
	25	LOW	Q16	18.72	18.47	18.51	19.50
5	1	LOW	64QAM	18.84	18.84	18.65	19.50
		MID	64QAM	19.30	19.07	19.22	19.50
		HIGH	64QAM	18.99	19.13	18.89	19.50
	12	LOW	64QAM	18.59	18.51	18.61	19.50
		MID	64QAM	18.64	18.77	18.59	19.50
		HIGH	64QAM	18.62	18.89	18.52	19.50
	25	LOW	64QAM	18.50	18.61	18.57	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.44	18.55	18.54	19.50
		MID	QPSK	18.65	18.66	18.66	19.50
		HIGH	QPSK	18.64	18.71	18.64	19.50
	25	LOW	QPSK	18.50	18.54	18.54	19.50
		MID	QPSK	18.83	18.65	18.78	19.50
		HIGH	QPSK	18.48	18.61	18.60	19.50
10	50	LOW	QPSK	18.44	18.73	18.60	19.50
10	1	LOW	Q16	18.99	19.07	18.91	19.50
		MID	Q16	19.25	19.33	19.24	19.50
		HIGH	Q16	18.89	18.95	18.91	19.50
	25	LOW	Q16	18.52	18.65	18.51	19.50
		MID	Q16	18.62	18.77	18.62	19.50
		HIGH	Q16	18.51	18.62	18.64	19.50
	50	LOW	Q16	18.63	18.72	18.69	19.50
10	1	LOW	64QAM	18.85	18.82	18.84	19.50
		MID	64QAM	19.21	19.14	18.96	19.50
		HIGH	64QAM	18.93	19.06	19.06	19.50
	25	LOW	64QAM	18.56	18.45	18.41	19.50
		MID	64QAM	18.73	18.77	18.64	19.50
		HIGH	64QAM	18.48	18.75	18.44	19.50
	50	LOW	64QAM	18.64	18.66	18.48	19.50

LTE B7-DSI 3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.52	18.70	18.62	19.50
		MID	QPSK	18.59	18.85	18.70	19.50
		HIGH	QPSK	18.63	18.75	18.67	19.50
	36	LOW	QPSK	18.66	18.67	18.66	19.50
		MID	QPSK	18.61	18.77	18.86	19.50
		HIGH	QPSK	18.54	18.76	18.49	19.50
	75	LOW	QPSK	18.68	18.57	18.54	19.50
15	1	LOW	Q16	18.88	18.99	18.88	19.50
		MID	Q16	19.03	19.16	19.09	19.50
		HIGH	Q16	19.12	18.88	19.10	19.50
	36	LOW	Q16	18.68	18.47	18.62	19.50
		MID	Q16	18.61	18.87	18.67	19.50
		HIGH	Q16	18.74	18.49	18.65	19.50
	75	LOW	Q16	18.58	18.76	18.48	19.50
15	1	LOW	64QAM	18.93	19.05	18.72	19.50
		MID	64QAM	19.26	19.07	18.94	19.50
		HIGH	64QAM	18.90	19.05	18.84	19.50
	36	LOW	64QAM	18.58	18.44	18.49	19.50
		MID	64QAM	18.64	18.66	18.63	19.50
		HIGH	64QAM	18.36	18.64	18.47	19.50
	75	LOW	64QAM	18.40	18.57	18.63	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.48	18.56	18.49	19.50
		MID	QPSK	18.74	18.79	18.74	19.50
		HIGH	QPSK	18.59	18.66	18.63	19.50
	50	LOW	QPSK	18.53	18.63	18.64	19.50
		MID	QPSK	18.68	18.72	18.77	19.50
		HIGH	QPSK	18.61	18.62	18.61	19.50
20	100	LOW	QPSK	18.53	18.64	18.62	19.50
	1	LOW	Q16	18.91	18.94	18.85	19.50
		MID	Q16	19.18	19.19	19.11	19.50
		HIGH	Q16	18.99	19.02	19.01	19.50
	50	LOW	Q16	18.53	18.62	18.60	19.50
		MID	Q16	18.65	18.73	18.69	19.50
		HIGH	Q16	18.60	18.63	18.54	19.50
	100	LOW	Q16	18.58	18.62	18.56	19.50
20	1	LOW	64QAM	18.81	18.95	18.79	19.50
		MID	64QAM	19.22	19.12	19.07	19.50
		HIGH	64QAM	19.05	19.02	18.99	19.50
	50	LOW	64QAM	18.64	18.53	18.46	19.50
		MID	64QAM	18.61	18.62	18.59	19.50
		HIGH	64QAM	18.51	18.78	18.45	19.50
	100	LOW	64QAM	18.52	18.63	18.59	19.50

LTE B7-DSI 4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.33	17.67	17.49	18.50
		MID	QPSK	17.55	17.82	17.76	18.50
		HIGH	QPSK	17.40	17.62	17.50	18.50
	12	LOW	QPSK	17.49	17.47	17.74	18.50
		MID	QPSK	17.70	17.57	17.63	18.50
		HIGH	QPSK	17.69	17.50	17.64	18.50
	25	LOW	QPSK	17.54	17.47	17.62	18.50
5	1	LOW	Q16	17.93	17.82	17.72	18.50
		MID	Q16	18.28	18.22	17.97	18.50
		HIGH	Q16	18.02	17.91	18.00	18.50
	12	LOW	Q16	17.53	17.52	17.69	18.50
		MID	Q16	17.66	17.80	17.76	18.50
		HIGH	Q16	17.63	17.51	17.62	18.50
	25	LOW	Q16	17.63	17.44	17.50	18.50
5	1	LOW	64QAM	18.16	17.91	17.53	18.50
		MID	64QAM	18.32	18.04	17.96	18.50
		HIGH	64QAM	17.81	18.22	17.92	18.50
	12	LOW	64QAM	17.61	17.43	17.55	18.50
		MID	64QAM	17.57	17.59	17.65	18.50
		HIGH	64QAM	17.60	17.63	17.68	18.50
	25	LOW	64QAM	17.55	17.59	17.34	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.57	17.65	17.32	18.50
		MID	QPSK	17.61	17.70	17.83	18.50
		HIGH	QPSK	17.52	17.49	17.52	18.50
	25	LOW	QPSK	17.41	17.59	17.69	18.50
		MID	QPSK	17.69	17.77	17.62	18.50
		HIGH	QPSK	17.46	17.72	17.43	18.50
10	50	LOW	QPSK	17.48	17.74	17.60	18.50
10	1	LOW	Q16	17.75	17.81	17.66	18.50
		MID	Q16	18.14	18.13	18.04	18.50
		HIGH	Q16	18.06	18.05	17.89	18.50
	25	LOW	Q16	17.37	17.61	17.52	18.50
		MID	Q16	17.72	17.62	17.56	18.50
		HIGH	Q16	17.62	17.60	17.44	18.50
	50	LOW	Q16	17.38	17.50	17.37	18.50
10	1	LOW	64QAM	17.98	17.88	17.56	18.50
		MID	64QAM	18.10	18.12	18.04	18.50
		HIGH	64QAM	17.86	17.92	17.81	18.50
	25	LOW	64QAM	17.65	17.47	17.63	18.50
		MID	64QAM	17.59	17.53	17.78	18.50
		HIGH	64QAM	17.53	17.49	17.69	18.50
	50	LOW	64QAM	17.54	17.39	17.51	18.50

LTE B7-DSI 4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.55	17.67	17.45	18.50
		MID	QPSK	17.63	17.61	17.78	18.50
		HIGH	QPSK	17.60	17.65	17.62	18.50
	36	LOW	QPSK	17.51	17.58	17.72	18.50
		MID	QPSK	17.70	17.65	17.70	18.50
		HIGH	QPSK	17.61	17.68	17.66	18.50
	75	LOW	QPSK	17.50	17.77	17.46	18.50
15	1	LOW	Q16	17.76	17.89	17.79	18.50
		MID	Q16	18.22	18.05	17.94	18.50
		HIGH	Q16	17.94	18.06	17.94	18.50
	36	LOW	Q16	17.55	17.52	17.55	18.50
		MID	Q16	17.61	17.75	17.77	18.50
		HIGH	Q16	17.63	17.62	17.38	18.50
	75	LOW	Q16	17.55	17.50	17.57	18.50
15	1	LOW	64QAM	17.93	17.76	17.75	18.50
		MID	64QAM	18.22	18.09	17.91	18.50
		HIGH	64QAM	17.91	17.99	18.06	18.50
	36	LOW	64QAM	17.45	17.49	17.58	18.50
		MID	64QAM	17.54	17.80	17.64	18.50
		HIGH	64QAM	17.48	17.68	17.56	18.50
	75	LOW	64QAM	17.43	17.55	17.58	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.46	17.52	17.46	18.50
		MID	QPSK	17.69	17.75	17.68	18.50
		HIGH	QPSK	17.49	17.62	17.58	18.50
	50	LOW	QPSK	17.53	17.62	17.63	18.50
		MID	QPSK	17.63	17.74	17.73	18.50
		HIGH	QPSK	17.57	17.60	17.54	18.50
	100	LOW	QPSK	17.53	17.62	17.59	18.50
20	1	LOW	Q16	17.90	17.92	17.80	18.50
		MID	Q16	18.13	18.13	18.06	18.50
		HIGH	Q16	17.95	17.99	17.92	18.50
	50	LOW	Q16	17.50	17.59	17.59	18.50
		MID	Q16	17.64	17.67	17.64	18.50
		HIGH	Q16	17.56	17.57	17.47	18.50
	100	LOW	Q16	17.51	17.55	17.51	18.50
20	1	LOW	64QAM	18.01	17.81	17.65	18.50
		MID	64QAM	18.18	18.13	17.95	18.50
		HIGH	64QAM	17.94	18.07	17.91	18.50
	50	LOW	64QAM	17.59	17.51	17.69	18.50
		MID	64QAM	17.68	17.65	17.70	18.50
		HIGH	64QAM	17.46	17.60	17.60	18.50
	100	LOW	64QAM	17.58	17.53	17.44	18.50

8.3.5 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	24.49	24.77	24.49	25.50
		MID	QPSK	24.87	24.77	24.77	25.50
		HIGH	QPSK	24.66	24.49	24.73	25.50
	12	LOW	QPSK	23.74	23.75	23.54	24.50
		MID	QPSK	23.77	23.85	23.83	24.50
		HIGH	QPSK	23.58	23.80	23.70	24.50
	25	LOW	QPSK	23.73	23.75	23.60	24.50
5	1	LOW	Q16	24.03	23.71	24.05	24.50
		MID	Q16	24.14	24.08	24.10	24.50
		HIGH	Q16	24.06	23.82	23.96	24.50
	12	LOW	Q16	22.65	22.86	22.69	23.50
		MID	Q16	22.74	22.64	22.63	23.50
		HIGH	Q16	22.77	22.61	22.77	23.50
	25	LOW	Q16	22.73	22.72	22.72	23.50
5	1	LOW	64QAM	22.80	22.66	22.88	23.50
		MID	64QAM	23.16	23.07	23.17	23.50
		HIGH	64QAM	22.92	22.60	23.01	23.50
	12	LOW	64QAM	21.66	21.64	21.54	22.50
		MID	64QAM	21.85	21.71	21.73	22.50
		HIGH	64QAM	21.85	21.71	21.76	22.50
	25	LOW	64QAM	21.38	21.69	21.71	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.71	24.52	24.76	25.50
		MID	QPSK	24.85	24.92	24.72	25.50
		HIGH	QPSK	24.71	24.59	24.64	25.50
	25	LOW	QPSK	23.68	23.85	23.77	24.50
		MID	QPSK	23.80	23.68	23.82	24.50
		HIGH	QPSK	23.70	23.55	23.62	24.50
10	50	LOW	QPSK	23.62	23.81	23.55	24.50
10	1	LOW	Q16	23.83	23.80	23.80	24.50
		MID	Q16	24.02	24.08	24.06	24.50
		HIGH	Q16	23.92	23.79	24.00	24.50
	25	LOW	Q16	22.79	22.66	22.80	23.50
		MID	Q16	22.94	22.72	22.75	23.50
		HIGH	Q16	22.70	22.61	22.51	23.50
	50	LOW	Q16	22.54	22.76	22.71	23.50
10	1	LOW	64QAM	22.82	22.78	23.10	23.50
		MID	64QAM	23.23	23.08	23.00	23.50
		HIGH	64QAM	23.02	22.81	23.17	23.50
	25	LOW	64QAM	21.62	21.80	21.53	22.50
		MID	64QAM	21.79	21.77	21.65	22.50
		HIGH	64QAM	21.61	21.64	21.76	22.50
	50	LOW	64QAM	21.63	21.56	21.74	22.50

LTE B38-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.64	24.50	24.71	25.50
		MID	QPSK	24.93	24.72	24.77	25.50
		HIGH	QPSK	24.61	24.48	24.71	25.50
	36	LOW	QPSK	23.82	23.81	23.79	24.50
		MID	QPSK	23.93	23.68	23.72	24.50
		HIGH	QPSK	23.68	23.73	23.77	24.50
	75	LOW	QPSK	23.70	23.81	23.57	24.50
15	1	LOW	Q16	24.00	23.77	23.81	24.50
		MID	Q16	24.01	24.10	24.06	24.50
		HIGH	Q16	23.79	23.93	23.93	24.50
	36	LOW	Q16	22.57	22.80	22.74	23.50
		MID	Q16	22.94	22.94	22.88	23.50
		HIGH	Q16	22.82	22.72	22.48	23.50
	75	LOW	Q16	22.76	22.76	22.65	23.50
15	1	LOW	64QAM	22.92	22.60	22.95	23.50
		MID	64QAM	23.14	23.03	23.19	23.50
		HIGH	64QAM	22.89	22.73	23.16	23.50
	36	LOW	64QAM	21.73	21.79	21.55	22.50
		MID	64QAM	21.60	21.77	21.71	22.50
		HIGH	64QAM	21.64	21.76	21.75	22.50
	75	LOW	64QAM	21.66	21.48	21.70	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.62	24.63	24.62	25.50
		MID	QPSK	24.85	24.87	24.86	25.50
		HIGH	QPSK	24.67	24.57	24.62	25.50
	50	LOW	QPSK	23.70	23.72	23.64	24.50
		MID	QPSK	23.84	23.85	23.73	24.50
		HIGH	QPSK	23.69	23.69	23.63	24.50
	100	LOW	QPSK	23.74	23.68	23.63	24.50
20	1	LOW	Q16	23.88	23.84	23.92	24.50
		MID	Q16	24.14	24.01	24.16	24.50
		HIGH	Q16	23.94	23.80	23.92	24.50
	50	LOW	Q16	22.68	22.73	22.67	23.50
		MID	Q16	22.79	22.79	22.73	23.50
		HIGH	Q16	22.69	22.69	22.63	23.50
	100	LOW	Q16	22.68	22.70	22.61	23.50
20	1	LOW	64QAM	22.90	22.75	22.99	23.50
		MID	64QAM	23.19	23.00	23.15	23.50
		HIGH	64QAM	22.90	22.75	23.03	23.50
	50	LOW	64QAM	21.71	21.67	21.59	22.50
		MID	64QAM	21.72	21.68	21.61	22.50
		HIGH	64QAM	21.71	21.78	21.74	22.50
	100	LOW	64QAM	21.53	21.58	21.71	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	20.61	20.61	20.62	21.50
		MID	QPSK	20.79	20.99	20.80	21.50
		HIGH	QPSK	20.54	20.79	20.94	21.50
	12	LOW	QPSK	20.62	20.78	20.78	21.50
		MID	QPSK	20.76	20.73	20.92	21.50
		HIGH	QPSK	20.63	20.60	20.68	21.50
	25	LOW	QPSK	20.53	20.77	20.57	21.50
5	1	LOW	Q16	20.68	20.59	20.97	21.50
		MID	Q16	20.98	21.01	21.16	21.50
		HIGH	Q16	20.76	20.79	21.15	21.50
	12	LOW	Q16	20.52	20.67	20.64	21.50
		MID	Q16	20.52	20.85	20.89	21.50
		HIGH	Q16	20.73	20.80	20.64	21.50
	25	LOW	Q16	20.52	20.77	20.67	21.50
5	1	LOW	64QAM	21.00	20.98	21.03	21.50
		MID	64QAM	20.89	21.02	21.12	21.50
		HIGH	64QAM	20.79	20.81	21.20	21.50
	12	LOW	64QAM	20.53	20.65	20.58	21.50
		MID	64QAM	20.71	20.65	20.69	21.50
		HIGH	64QAM	20.71	20.90	20.81	21.50
	25	LOW	64QAM	20.71	20.64	20.69	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.65	20.44	20.73	21.50
		MID	QPSK	20.93	20.74	20.86	21.50
		HIGH	QPSK	20.54	20.73	20.75	21.50
	25	LOW	QPSK	20.59	20.58	20.58	21.50
		MID	QPSK	20.84	20.86	20.75	21.50
		HIGH	QPSK	20.82	20.56	20.82	21.50
	50	LOW	QPSK	20.74	20.74	20.83	21.50
10	1	LOW	Q16	20.70	20.68	21.04	21.50
		MID	Q16	20.90	20.99	21.20	21.50
		HIGH	Q16	20.98	20.98	21.18	21.50
	25	LOW	Q16	20.42	20.60	20.84	21.50
		MID	Q16	20.56	20.79	20.95	21.50
		HIGH	Q16	20.66	20.63	20.63	21.50
	50	LOW	Q16	20.56	20.63	20.73	21.50
10	1	LOW	64QAM	20.72	20.85	21.07	21.50
		MID	64QAM	20.84	21.11	21.27	21.50
		HIGH	64QAM	20.91	20.79	21.12	21.50
	25	LOW	64QAM	20.75	20.47	20.62	21.50
		MID	64QAM	20.72	20.80	20.81	21.50
		HIGH	64QAM	20.76	20.84	20.61	21.50
	50	LOW	64QAM	20.79	20.50	20.90	21.50

LTE B38-DSI 1 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.50	20.68	20.59	21.50
		MID	QPSK	20.78	20.85	20.86	21.50
		HIGH	QPSK	20.70	20.71	20.65	21.50
	36	LOW	QPSK	20.62	20.80	20.56	21.50
		MID	QPSK	20.84	20.76	20.81	21.50
		HIGH	QPSK	20.76	20.84	20.83	21.50
	75	LOW	QPSK	20.75	20.75	20.67	21.50
15	1	LOW	Q16	20.72	20.62	20.96	21.50
		MID	Q16	20.89	20.92	21.16	21.50
		HIGH	Q16	20.97	21.00	21.23	21.50
	36	LOW	Q16	20.57	20.55	20.83	21.50
		MID	Q16	20.68	20.72	20.88	21.50
		HIGH	Q16	20.69	20.65	20.86	21.50
	75	LOW	Q16	20.48	20.59	20.85	21.50
15	1	LOW	64QAM	21.02	21.01	21.10	21.50
		MID	64QAM	21.12	21.04	21.15	21.50
		HIGH	64QAM	20.75	20.80	21.00	21.50
	36	LOW	64QAM	20.47	20.53	20.55	21.50
		MID	64QAM	20.76	20.72	20.64	21.50
		HIGH	64QAM	20.61	20.83	20.88	21.50
	75	LOW	64QAM	20.62	20.41	20.73	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.53	20.57	20.68	21.50
		MID	QPSK	20.79	20.94	20.84	21.50
		HIGH	QPSK	20.62	20.68	20.79	21.50
	50	LOW	QPSK	20.60	20.66	20.68	21.50
		MID	QPSK	20.75	20.84	20.83	21.50
		HIGH	QPSK	20.69	20.71	20.73	21.50
20	100	LOW	QPSK	20.62	20.67	20.69	21.50
	1	LOW	Q16	20.78	20.73	20.97	21.50
		MID	Q16	21.02	21.00	21.21	21.50
		HIGH	Q16	20.86	20.85	21.08	21.50
	50	LOW	Q16	20.53	20.62	20.70	21.50
		MID	Q16	20.67	20.74	20.84	21.50
		HIGH	Q16	20.62	20.68	20.75	21.50
	100	LOW	Q16	20.58	20.64	20.70	21.50
20	1	LOW	64QAM	20.87	20.87	20.98	21.50
		MID	64QAM	20.97	21.06	21.23	21.50
		HIGH	64QAM	20.88	20.86	21.11	21.50
	50	LOW	64QAM	20.61	20.55	20.62	21.50
		MID	64QAM	20.75	20.68	20.77	21.50
		HIGH	64QAM	20.72	20.83	20.73	21.50
	100	LOW	64QAM	20.66	20.54	20.75	21.50

LTE B38-DSI 3 -Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.77	24.49	25.50
		MID	QPSK	24.87	24.77	24.77	25.50
		HIGH	QPSK	24.66	24.49	24.73	25.50
	12	LOW	QPSK	23.74	23.75	23.54	24.50
		MID	QPSK	23.77	23.85	23.83	24.50
		HIGH	QPSK	23.58	23.80	23.70	24.50
	25	LOW	QPSK	23.73	23.75	23.60	24.50
5	1	LOW	Q16	24.03	23.71	24.05	24.50
		MID	Q16	24.14	24.08	24.10	24.50
		HIGH	Q16	24.06	23.82	23.96	24.50
	12	LOW	Q16	22.65	22.86	22.69	23.50
		MID	Q16	22.74	22.64	22.63	23.50
		HIGH	Q16	22.77	22.61	22.77	23.50
	25	LOW	Q16	22.73	22.72	22.72	23.50
5	1	LOW	64QAM	22.80	22.66	22.88	23.50
		MID	64QAM	23.16	23.07	23.17	23.50
		HIGH	64QAM	22.92	22.60	23.01	23.50
	12	LOW	64QAM	21.66	21.64	21.54	22.50
		MID	64QAM	21.85	21.71	21.73	22.50
		HIGH	64QAM	21.85	21.71	21.76	22.50
	25	LOW	64QAM	21.38	21.69	21.71	22.50
Bandwidth (	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.71	24.52	24.76	25.50
		MID	QPSK	24.85	24.92	24.72	25.50
		HIGH	QPSK	24.71	24.59	24.64	25.50
	25	LOW	QPSK	23.68	23.85	23.77	24.50
		MID	QPSK	23.80	23.68	23.82	24.50
		HIGH	QPSK	23.70	23.55	23.62	24.50
10	50	LOW	QPSK	23.62	23.81	23.55	24.50
10	1	LOW	Q16	23.83	23.80	23.80	24.50
		MID	Q16	24.02	24.08	24.06	24.50
		HIGH	Q16	23.92	23.79	24.00	24.50
	25	LOW	Q16	22.79	22.66	22.80	23.50
		MID	Q16	22.94	22.72	22.75	23.50
		HIGH	Q16	22.70	22.61	22.51	23.50
	50	LOW	Q16	22.54	22.76	22.71	23.50
10	1	LOW	64QAM	22.82	22.78	23.10	23.50
		MID	64QAM	23.23	23.08	23.00	23.50
		HIGH	64QAM	23.02	22.81	23.17	23.50
	25	LOW	64QAM	21.62	21.80	21.53	22.50
		MID	64QAM	21.79	21.77	21.65	22.50
		HIGH	64QAM	21.61	21.64	21.76	22.50
	50	LOW	64QAM	21.63	21.56	21.74	22.50

LTE B38-DSI 3 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.64	24.50	24.71	25.50
		MID	QPSK	24.93	24.72	24.77	25.50
		HIGH	QPSK	24.61	24.48	24.71	25.50
	36	LOW	QPSK	23.82	23.81	23.79	24.50
		MID	QPSK	23.93	23.68	23.72	24.50
		HIGH	QPSK	23.68	23.73	23.77	24.50
	75	LOW	QPSK	23.70	23.81	23.57	24.50
15	1	LOW	Q16	24.00	23.77	23.81	24.50
		MID	Q16	24.01	24.10	24.06	24.50
		HIGH	Q16	23.79	23.93	23.93	24.50
	36	LOW	Q16	22.57	22.80	22.74	23.50
		MID	Q16	22.94	22.94	22.88	23.50
		HIGH	Q16	22.82	22.72	22.48	23.50
	75	LOW	Q16	22.76	22.76	22.65	23.50
15	1	LOW	64QAM	22.92	22.60	22.95	23.50
		MID	64QAM	23.14	23.03	23.19	23.50
		HIGH	64QAM	22.89	22.73	23.16	23.50
	36	LOW	64QAM	21.73	21.79	21.55	22.50
		MID	64QAM	21.60	21.77	21.71	22.50
		HIGH	64QAM	21.64	21.76	21.75	22.50
	75	LOW	64QAM	21.66	21.48	21.70	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.62	24.63	24.62	25.50
		MID	QPSK	24.85	24.87	24.86	25.50
		HIGH	QPSK	24.67	24.57	24.62	25.50
	50	LOW	QPSK	23.70	23.72	23.64	24.50
		MID	QPSK	23.84	23.85	23.73	24.50
		HIGH	QPSK	23.69	23.69	23.63	24.50
	100	LOW	QPSK	23.74	23.68	23.63	24.50
20	1	LOW	Q16	23.88	23.84	23.92	24.50
		MID	Q16	24.14	24.01	24.16	24.50
		HIGH	Q16	23.94	23.80	23.92	24.50
	50	LOW	Q16	22.68	22.73	22.67	23.50
		MID	Q16	22.79	22.79	22.73	23.50
		HIGH	Q16	22.69	22.69	22.63	23.50
	100	LOW	Q16	22.68	22.70	22.61	23.50
20	1	LOW	64QAM	22.90	22.75	22.99	23.50
		MID	64QAM	23.19	23.00	23.15	23.50
		HIGH	64QAM	22.90	22.75	23.03	23.50
	50	LOW	64QAM	21.71	21.67	21.59	22.50
		MID	64QAM	21.72	21.68	21.61	22.50
		HIGH	64QAM	21.71	21.78	21.74	22.50
	100	LOW	64QAM	21.53	21.58	21.71	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	20.61	20.61	20.62	21.50
		MID	QPSK	20.79	20.99	20.80	21.50
		HIGH	QPSK	20.54	20.79	20.94	21.50
	12	LOW	QPSK	20.62	20.78	20.78	21.50
		MID	QPSK	20.76	20.73	20.92	21.50
		HIGH	QPSK	20.63	20.60	20.68	21.50
	25	LOW	QPSK	20.53	20.77	20.57	21.50
5	1	LOW	Q16	20.68	20.59	20.97	21.50
		MID	Q16	20.98	21.01	21.16	21.50
		HIGH	Q16	20.76	20.79	21.15	21.50
	12	LOW	Q16	20.52	20.67	20.64	21.50
		MID	Q16	20.52	20.85	20.89	21.50
		HIGH	Q16	20.73	20.80	20.64	21.50
	25	LOW	Q16	20.52	20.77	20.67	21.50
5	1	LOW	64QAM	21.00	20.98	21.03	21.50
		MID	64QAM	20.89	21.02	21.12	21.50
		HIGH	64QAM	20.79	20.81	21.20	21.50
	12	LOW	64QAM	20.53	20.65	20.58	21.50
		MID	64QAM	20.71	20.65	20.69	21.50
		HIGH	64QAM	20.71	20.90	20.81	21.50
	25	LOW	64QAM	20.71	20.64	20.69	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.65	20.44	20.73	21.50
		MID	QPSK	20.93	20.74	20.86	21.50
		HIGH	QPSK	20.54	20.73	20.75	21.50
	25	LOW	QPSK	20.59	20.58	20.58	21.50
		MID	QPSK	20.84	20.86	20.75	21.50
		HIGH	QPSK	20.82	20.56	20.82	21.50
	50	LOW	QPSK	20.74	20.74	20.83	21.50
10	1	LOW	Q16	20.70	20.68	21.04	21.50
		MID	Q16	20.90	20.99	21.20	21.50
		HIGH	Q16	20.98	20.98	21.18	21.50
	25	LOW	Q16	20.42	20.60	20.84	21.50
		MID	Q16	20.56	20.79	20.95	21.50
		HIGH	Q16	20.66	20.63	20.63	21.50
	50	LOW	Q16	20.56	20.63	20.73	21.50
10	1	LOW	64QAM	20.72	20.85	21.07	21.50
		MID	64QAM	20.84	21.11	21.27	21.50
		HIGH	64QAM	20.91	20.79	21.12	21.50
	25	LOW	64QAM	20.75	20.47	20.62	21.50
		MID	64QAM	20.72	20.80	20.81	21.50
		HIGH	64QAM	20.76	20.84	20.61	21.50
	50	LOW	64QAM	20.79	20.50	20.90	21.50

LTE B38-DSI 4 -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.50	20.68	20.59	21.50
		MID	QPSK	20.78	20.85	20.86	21.50
		HIGH	QPSK	20.70	20.71	20.65	21.50
	36	LOW	QPSK	20.62	20.80	20.56	21.50
		MID	QPSK	20.84	20.76	20.81	21.50
		HIGH	QPSK	20.76	20.84	20.83	21.50
	75	LOW	QPSK	20.75	20.75	20.67	21.50
15	1	LOW	Q16	20.72	20.62	20.96	21.50
		MID	Q16	20.89	20.92	21.16	21.50
		HIGH	Q16	20.97	21.00	21.23	21.50
	36	LOW	Q16	20.57	20.55	20.83	21.50
		MID	Q16	20.68	20.72	20.88	21.50
		HIGH	Q16	20.69	20.65	20.86	21.50
	75	LOW	Q16	20.48	20.59	20.85	21.50
15	1	LOW	64QAM	21.02	21.01	21.10	21.50
		MID	64QAM	21.12	21.04	21.15	21.50
		HIGH	64QAM	20.75	20.80	21.00	21.50
	36	LOW	64QAM	20.47	20.53	20.55	21.50
		MID	64QAM	20.76	20.72	20.64	21.50
		HIGH	64QAM	20.61	20.83	20.88	21.50
	75	LOW	64QAM	20.62	20.41	20.73	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.53	20.57	20.68	21.50
		MID	QPSK	20.79	20.94	20.84	21.50
		HIGH	QPSK	20.62	20.68	20.79	21.50
	50	LOW	QPSK	20.60	20.66	20.68	21.50
		MID	QPSK	20.75	20.84	20.83	21.50
		HIGH	QPSK	20.69	20.71	20.73	21.50
100	LOW	QPSK	20.62	20.67	20.69	21.50	
20	1	LOW	Q16	20.78	20.73	20.97	21.50
		MID	Q16	21.02	21.00	21.21	21.50
		HIGH	Q16	20.86	20.85	21.08	21.50
	50	LOW	Q16	20.53	20.62	20.70	21.50
		MID	Q16	20.67	20.74	20.84	21.50
		HIGH	Q16	20.62	20.68	20.75	21.50
	100	LOW	Q16	20.58	20.64	20.70	21.50
20	1	LOW	64QAM	20.87	20.87	20.98	21.50
		MID	64QAM	20.97	21.06	21.23	21.50
		HIGH	64QAM	20.88	20.86	21.11	21.50
	50	LOW	64QAM	20.61	20.55	20.62	21.50
		MID	64QAM	20.75	20.68	20.77	21.50
		HIGH	64QAM	20.72	20.83	20.73	21.50
	100	LOW	64QAM	20.66	20.54	20.75	21.50

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.69	24.46	24.59	25.50
		MID	QPSK	24.78	24.70	24.70	25.50
		HIGH	QPSK	24.51	24.67	24.42	25.50
	12	LOW	QPSK	23.69	23.67	23.49	24.50
		MID	QPSK	23.82	23.81	23.53	24.50
		HIGH	QPSK	23.69	23.52	23.62	24.50
	25	LOW	QPSK	23.71	23.69	23.62	24.50
5	1	LOW	Q16	23.79	23.72	23.75	24.50
		MID	Q16	24.20	23.87	23.95	24.50
		HIGH	Q16	23.91	23.59	23.89	24.50
	12	LOW	Q16	22.64	22.78	22.72	23.50
		MID	Q16	22.68	22.81	22.67	23.50
		HIGH	Q16	22.70	22.66	22.54	23.50
	25	LOW	Q16	22.65	22.56	22.65	23.50
5	1	LOW	64QAM	22.55	22.84	22.69	23.50
		MID	64QAM	23.10	22.90	23.18	23.50
		HIGH	64QAM	22.61	22.71	22.74	23.50
	12	LOW	64QAM	21.60	21.56	21.44	22.50
		MID	64QAM	21.81	21.59	21.96	22.50
		HIGH	64QAM	21.68	21.62	21.29	22.50
	25	LOW	64QAM	21.86	21.69	21.54	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.46	24.47	24.57	25.50
		MID	QPSK	24.84	24.62	24.83	25.50
		HIGH	QPSK	24.72	24.45	24.66	25.50
	25	LOW	QPSK	23.60	23.76	23.54	24.50
		MID	QPSK	23.73	23.85	23.60	24.50
		HIGH	QPSK	23.71	23.55	23.48	24.50
	50	LOW	QPSK	23.56	23.76	23.53	24.50
10	1	LOW	Q16	23.70	23.83	23.77	24.50
		MID	Q16	24.17	24.07	24.15	24.50
		HIGH	Q16	23.84	23.74	23.74	24.50
	25	LOW	Q16	22.51	22.70	22.65	23.50
		MID	Q16	22.84	22.61	22.79	23.50
		HIGH	Q16	22.78	22.65	22.59	23.50
	50	LOW	Q16	22.73	22.73	22.56	23.50
10	1	LOW	64QAM	22.74	22.75	22.59	23.50
		MID	64QAM	22.96	22.92	23.35	23.50
		HIGH	64QAM	22.80	22.59	22.83	23.50
	25	LOW	64QAM	21.44	21.67	21.55	22.50
		MID	64QAM	21.75	21.59	21.79	22.50
		HIGH	64QAM	21.70	21.62	21.58	22.50
	50	LOW	64QAM	21.89	21.43	21.52	22.50

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.53	24.63	24.46	25.50
		MID	QPSK	24.79	24.77	24.76	25.50
		HIGH	QPSK	24.58	24.37	24.58	25.50
	36	LOW	QPSK	23.76	23.74	23.47	24.50
		MID	QPSK	23.87	23.62	23.78	24.50
		HIGH	QPSK	23.76	23.48	23.42	24.50
75	LOW	QPSK	23.76	23.68	23.50	24.50	
15	1	LOW	Q16	23.74	23.67	23.86	24.50
		MID	Q16	24.19	23.93	24.05	24.50
		HIGH	Q16	23.87	23.65	24.02	24.50
	36	LOW	Q16	22.67	22.50	22.44	23.50
		MID	Q16	22.76	22.87	22.73	23.50
		HIGH	Q16	22.72	22.60	22.68	23.50
75	LOW	Q16	22.55	22.78	22.53	23.50	
15	1	LOW	64QAM	22.60	22.80	22.81	23.50
		MID	64QAM	23.06	22.93	23.19	23.50
		HIGH	64QAM	22.75	22.78	22.59	23.50
	36	LOW	64QAM	21.63	21.72	21.37	22.50
		MID	64QAM	21.87	21.76	21.82	22.50
		HIGH	64QAM	21.66	21.47	21.50	22.50
75	LOW	64QAM	21.79	21.69	21.37	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.56	24.56	24.55	25.50
		MID	QPSK	24.79	24.74	24.80	25.50
		HIGH	QPSK	24.61	24.52	24.56	25.50
	50	LOW	QPSK	23.68	23.67	23.59	24.50
		MID	QPSK	23.75	23.76	23.68	24.50
		HIGH	QPSK	23.67	23.63	23.54	24.50
100	LOW	QPSK	23.66	23.63	23.55	24.50	
20	1	LOW	Q16	23.82	23.74	23.83	24.50
		MID	Q16	24.08	23.93	24.09	24.50
		HIGH	Q16	23.88	23.73	23.88	24.50
	50	LOW	Q16	22.63	22.65	22.59	23.50
		MID	Q16	22.73	22.74	22.67	23.50
		HIGH	Q16	22.63	22.62	22.58	23.50
100	LOW	Q16	22.65	22.63	22.55	23.50	
20	1	LOW	64QAM	22.67	22.82	22.73	23.50
		MID	64QAM	22.98	23.04	23.23	23.50
		HIGH	64QAM	22.75	22.72	22.73	23.50
	50	LOW	64QAM	21.51	21.65	21.49	22.50
		MID	64QAM	21.73	21.68	21.82	22.50
		HIGH	64QAM	21.75	21.49	21.44	22.50
100	LOW	64QAM	21.80	21.57	21.44	22.50	

LTE B38-DSI 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.69	24.46	24.59	25.50
		MID	QPSK	24.78	24.70	24.70	25.50
		HIGH	QPSK	24.51	24.67	24.42	25.50
	12	LOW	QPSK	23.69	23.67	23.49	24.50
		MID	QPSK	23.82	23.81	23.53	24.50
		HIGH	QPSK	23.69	23.52	23.62	24.50
25	LOW	QPSK	23.71	23.69	23.62	24.50	
5	1	LOW	Q16	23.79	23.72	23.75	24.50
		MID	Q16	24.20	23.87	23.95	24.50
		HIGH	Q16	23.91	23.59	23.89	24.50
	12	LOW	Q16	22.64	22.78	22.72	23.50
		MID	Q16	22.68	22.81	22.67	23.50
		HIGH	Q16	22.70	22.66	22.54	23.50
25	LOW	Q16	22.65	22.56	22.65	23.50	
5	1	LOW	64QAM	22.55	22.84	22.69	23.50
		MID	64QAM	23.10	22.90	23.18	23.50
		HIGH	64QAM	22.61	22.71	22.74	23.50
	12	LOW	64QAM	21.60	21.56	21.44	22.50
		MID	64QAM	21.81	21.59	21.96	22.50
		HIGH	64QAM	21.68	21.62	21.29	22.50
25	LOW	64QAM	21.86	21.69	21.54	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	24.46	24.47	24.57	25.50
		MID	QPSK	24.84	24.62	24.83	25.50
		HIGH	QPSK	24.72	24.45	24.66	25.50
	25	LOW	QPSK	23.60	23.76	23.54	24.50
		MID	QPSK	23.73	23.85	23.60	24.50
		HIGH	QPSK	23.71	23.55	23.48	24.50
50	LOW	QPSK	23.56	23.76	23.53	24.50	
10	1	LOW	Q16	23.70	23.83	23.77	24.50
		MID	Q16	24.17	24.07	24.15	24.50
		HIGH	Q16	23.84	23.74	23.74	24.50
	25	LOW	Q16	22.51	22.70	22.65	23.50
		MID	Q16	22.84	22.61	22.79	23.50
		HIGH	Q16	22.78	22.65	22.59	23.50
50	LOW	Q16	22.73	22.73	22.56	23.50	
10	1	LOW	64QAM	22.74	22.75	22.59	23.50
		MID	64QAM	22.96	22.92	23.35	23.50
		HIGH	64QAM	22.80	22.59	22.83	23.50
	25	LOW	64QAM	21.44	21.67	21.55	22.50
		MID	64QAM	21.75	21.59	21.79	22.50
		HIGH	64QAM	21.70	21.62	21.58	22.50
50	LOW	64QAM	21.89	21.43	21.52	22.50	

LTE B38-DSI 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.53	24.63	24.46	25.50
		MID	QPSK	24.79	24.77	24.76	25.50
		HIGH	QPSK	24.58	24.37	24.58	25.50
	36	LOW	QPSK	23.76	23.74	23.47	24.50
		MID	QPSK	23.87	23.62	23.78	24.50
		HIGH	QPSK	23.76	23.48	23.42	24.50
75	LOW	QPSK	23.76	23.68	23.50	24.50	
15	1	LOW	Q16	23.74	23.67	23.86	24.50
		MID	Q16	24.19	23.93	24.05	24.50
		HIGH	Q16	23.87	23.65	24.02	24.50
	36	LOW	Q16	22.67	22.50	22.44	23.50
		MID	Q16	22.76	22.87	22.73	23.50
		HIGH	Q16	22.72	22.60	22.68	23.50
75	LOW	Q16	22.55	22.78	22.53	23.50	
15	1	LOW	64QAM	22.60	22.80	22.81	23.50
		MID	64QAM	23.06	22.93	23.19	23.50
		HIGH	64QAM	22.75	22.78	22.59	23.50
	36	LOW	64QAM	21.63	21.72	21.37	22.50
		MID	64QAM	21.87	21.76	21.82	22.50
		HIGH	64QAM	21.66	21.47	21.50	22.50
75	LOW	64QAM	21.79	21.69	21.37	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	24.56	24.56	24.55	25.50
		MID	QPSK	24.79	24.74	24.80	25.50
		HIGH	QPSK	24.61	24.52	24.56	25.50
	50	LOW	QPSK	23.68	23.67	23.59	24.50
		MID	QPSK	23.75	23.76	23.68	24.50
		HIGH	QPSK	23.67	23.63	23.54	24.50
100	LOW	QPSK	23.66	23.63	23.55	24.50	
20	1	LOW	Q16	23.82	23.74	23.83	24.50
		MID	Q16	24.08	23.93	24.09	24.50
		HIGH	Q16	23.88	23.73	23.88	24.50
	50	LOW	Q16	22.63	22.65	22.59	23.50
		MID	Q16	22.73	22.74	22.67	23.50
		HIGH	Q16	22.63	22.62	22.58	23.50
100	LOW	Q16	22.65	22.63	22.55	23.50	
20	1	LOW	64QAM	22.67	22.82	22.73	23.50
		MID	64QAM	22.98	23.04	23.23	23.50
		HIGH	64QAM	22.75	22.72	22.73	23.50
	50	LOW	64QAM	21.51	21.65	21.49	22.50
		MID	64QAM	21.73	21.68	21.82	22.50
		HIGH	64QAM	21.75	21.49	21.44	22.50
100	LOW	64QAM	21.80	21.57	21.44	22.50	

LTE B38-DSI 3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.75	20.64	20.85	21.50
		MID	QPSK	20.93	20.83	20.95	21.50
		HIGH	QPSK	20.79	20.73	20.65	21.50
	12	LOW	QPSK	20.71	20.78	20.65	21.50
		MID	QPSK	20.82	20.76	20.81	21.50
		HIGH	QPSK	20.68	20.81	20.63	21.50
25	LOW	QPSK	20.76	20.68	20.61	21.50	
5	1	LOW	Q16	20.88	20.77	20.98	21.50
		MID	Q16	21.15	21.18	21.09	21.50
		HIGH	Q16	21.08	20.83	20.99	21.50
	12	LOW	Q16	20.71	20.78	20.86	21.50
		MID	Q16	20.79	20.90	20.77	21.50
		HIGH	Q16	20.85	20.73	20.74	21.50
25	LOW	Q16	20.62	20.81	20.67	21.50	
5	1	LOW	64QAM	20.91	20.97	20.92	21.50
		MID	64QAM	21.26	21.03	21.26	21.50
		HIGH	64QAM	21.05	20.93	21.08	21.50
	12	LOW	64QAM	20.56	20.63	20.80	21.50
		MID	64QAM	20.67	20.88	20.73	21.50
		HIGH	64QAM	20.81	20.85	20.78	21.50
25	LOW	64QAM	20.44	20.85	20.52	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.54	20.63	20.58	21.50
		MID	QPSK	20.90	20.98	21.05	21.50
		HIGH	QPSK	20.75	20.62	20.95	21.50
	25	LOW	QPSK	20.58	20.72	20.60	21.50
		MID	QPSK	20.84	20.74	20.79	21.50
		HIGH	QPSK	20.63	20.73	20.85	21.50
50	LOW	QPSK	20.87	20.78	20.81	21.50	
10	1	LOW	Q16	20.90	20.84	20.98	21.50
		MID	Q16	21.06	21.09	21.37	21.50
		HIGH	Q16	20.94	20.82	21.04	21.50
	25	LOW	Q16	20.77	20.64	20.59	21.50
		MID	Q16	20.72	20.74	20.90	21.50
		HIGH	Q16	20.78	20.93	20.89	21.50
50	LOW	Q16	20.77	20.73	20.69	21.50	
10	1	LOW	64QAM	21.08	21.08	21.03	21.50
		MID	64QAM	21.19	21.15	21.26	21.50
		HIGH	64QAM	20.88	21.09	20.94	21.50
	25	LOW	64QAM	20.62	20.54	20.72	21.50
		MID	64QAM	20.72	20.88	20.86	21.50
		HIGH	64QAM	20.79	21.00	20.89	21.50
50	LOW	64QAM	20.59	20.66	20.70	21.50	

LTE B38-DSI 3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.58	20.66	20.77	21.50
		MID	QPSK	21.04	20.96	20.88	21.50
		HIGH	QPSK	20.86	20.85	20.94	21.50
	36	LOW	QPSK	20.62	20.81	20.81	21.50
		MID	QPSK	20.91	20.70	20.76	21.50
		HIGH	QPSK	20.93	20.66	20.60	21.50
	75	LOW	QPSK	20.60	20.71	20.80	21.50
15	1	LOW	Q16	20.98	20.96	21.06	21.50
		MID	Q16	21.22	21.18	21.36	21.50
		HIGH	Q16	21.03	20.73	21.02	21.50
	36	LOW	Q16	20.63	20.71	20.79	21.50
		MID	Q16	20.80	20.93	21.03	21.50
		HIGH	Q16	20.76	20.77	20.69	21.50
	75	LOW	Q16	20.76	20.87	20.75	21.50
15	1	LOW	64QAM	21.10	20.95	20.87	21.50
		MID	64QAM	21.31	21.27	21.20	21.50
		HIGH	64QAM	20.81	20.94	21.05	21.50
	36	LOW	64QAM	20.63	20.69	20.63	21.50
		MID	64QAM	20.84	20.83	20.86	21.50
		HIGH	64QAM	20.70	21.07	20.95	21.50
	75	LOW	64QAM	20.46	20.84	20.45	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.68	20.68	20.71	21.50
		MID	QPSK	20.92	20.90	20.96	21.50
		HIGH	QPSK	20.73	20.70	20.80	21.50
	50	LOW	QPSK	20.72	20.74	20.71	21.50
		MID	QPSK	20.85	20.84	20.84	21.50
		HIGH	QPSK	20.78	20.79	20.74	21.50
100	LOW	QPSK	20.73	20.74	20.71	21.50	
20	1	LOW	Q16	20.93	20.83	21.01	21.50
		MID	Q16	21.16	21.08	21.24	21.50
		HIGH	Q16	20.96	20.87	21.07	21.50
	50	LOW	Q16	20.68	20.72	20.73	21.50
		MID	Q16	20.79	20.84	20.89	21.50
		HIGH	Q16	20.74	20.78	20.76	21.50
100	LOW	Q16	20.70	20.73	20.69	21.50	
20	1	LOW	64QAM	20.99	20.94	20.94	21.50
		MID	64QAM	21.24	21.17	21.38	21.50
		HIGH	64QAM	20.90	20.94	21.04	21.50
	50	LOW	64QAM	20.61	20.66	20.75	21.50
		MID	64QAM	20.80	20.94	20.82	21.50
		HIGH	64QAM	20.67	20.92	20.81	21.50
	100	LOW	64QAM	20.59	20.79	20.57	21.50

LTE B38-DSI 4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.75	20.64	20.85	21.50
		MID	QPSK	20.93	20.83	20.95	21.50
		HIGH	QPSK	20.79	20.73	20.65	21.50
	12	LOW	QPSK	20.71	20.78	20.65	21.50
		MID	QPSK	20.82	20.76	20.81	21.50
		HIGH	QPSK	20.68	20.81	20.63	21.50
	25	LOW	QPSK	20.76	20.68	20.61	21.50
5	1	LOW	Q16	20.88	20.77	20.98	21.50
		MID	Q16	21.15	21.18	21.09	21.50
		HIGH	Q16	21.08	20.83	20.99	21.50
	12	LOW	Q16	20.71	20.78	20.86	21.50
		MID	Q16	20.79	20.90	20.77	21.50
		HIGH	Q16	20.85	20.73	20.74	21.50
	25	LOW	Q16	20.62	20.81	20.67	21.50
5	1	LOW	64QAM	20.91	20.97	20.92	21.50
		MID	64QAM	21.26	21.03	21.26	21.50
		HIGH	64QAM	21.05	20.93	21.08	21.50
	12	LOW	64QAM	20.56	20.63	20.80	21.50
		MID	64QAM	20.67	20.88	20.73	21.50
		HIGH	64QAM	20.81	20.85	20.78	21.50
	25	LOW	64QAM	20.44	20.85	20.52	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.54	20.63	20.58	21.50
		MID	QPSK	20.90	20.98	21.05	21.50
		HIGH	QPSK	20.75	20.62	20.95	21.50
	25	LOW	QPSK	20.58	20.72	20.60	21.50
		MID	QPSK	20.84	20.74	20.79	21.50
		HIGH	QPSK	20.63	20.73	20.85	21.50
50	LOW	QPSK	20.87	20.78	20.81	21.50	
10	1	LOW	Q16	20.90	20.84	20.98	21.50
		MID	Q16	21.06	21.09	21.37	21.50
		HIGH	Q16	20.94	20.82	21.04	21.50
	25	LOW	Q16	20.77	20.64	20.59	21.50
		MID	Q16	20.72	20.74	20.90	21.50
		HIGH	Q16	20.78	20.93	20.89	21.50
	50	LOW	Q16	20.77	20.73	20.69	21.50
10	1	LOW	64QAM	21.08	21.08	21.03	21.50
		MID	64QAM	21.19	21.15	21.26	21.50
		HIGH	64QAM	20.88	21.09	20.94	21.50
	25	LOW	64QAM	20.62	20.54	20.72	21.50
		MID	64QAM	20.72	20.88	20.86	21.50
		HIGH	64QAM	20.79	21.00	20.89	21.50
	50	LOW	64QAM	20.59	20.66	20.70	21.50

LTE B38-DSI 4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.58	20.66	20.77	21.50
		MID	QPSK	21.04	20.96	20.88	21.50
		HIGH	QPSK	20.86	20.85	20.94	21.50
	36	LOW	QPSK	20.62	20.81	20.81	21.50
		MID	QPSK	20.91	20.70	20.76	21.50
		HIGH	QPSK	20.93	20.66	20.60	21.50
75	LOW	QPSK	20.60	20.71	20.80	21.50	
15	1	LOW	Q16	20.98	20.96	21.06	21.50
		MID	Q16	21.22	21.18	21.36	21.50
		HIGH	Q16	21.03	20.73	21.02	21.50
	36	LOW	Q16	20.63	20.71	20.79	21.50
		MID	Q16	20.80	20.93	21.03	21.50
		HIGH	Q16	20.76	20.77	20.69	21.50
75	LOW	Q16	20.76	20.87	20.75	21.50	
15	1	LOW	64QAM	21.10	20.95	20.87	21.50
		MID	64QAM	21.31	21.27	21.20	21.50
		HIGH	64QAM	20.81	20.94	21.05	21.50
	36	LOW	64QAM	20.63	20.69	20.63	21.50
		MID	64QAM	20.84	20.83	20.86	21.50
		HIGH	64QAM	20.70	21.07	20.95	21.50
75	LOW	64QAM	20.46	20.84	20.45	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.68	20.68	20.71	21.50
		MID	QPSK	20.92	20.90	20.96	21.50
		HIGH	QPSK	20.73	20.70	20.80	21.50
	50	LOW	QPSK	20.72	20.74	20.71	21.50
		MID	QPSK	20.85	20.84	20.84	21.50
		HIGH	QPSK	20.78	20.79	20.74	21.50
100	LOW	QPSK	20.73	20.74	20.71	21.50	
20	1	LOW	Q16	20.93	20.83	21.01	21.50
		MID	Q16	21.16	21.08	21.24	21.50
		HIGH	Q16	20.96	20.87	21.07	21.50
	50	LOW	Q16	20.68	20.72	20.73	21.50
		MID	Q16	20.79	20.84	20.89	21.50
		HIGH	Q16	20.74	20.78	20.76	21.50
100	LOW	Q16	20.70	20.73	20.69	21.50	
20	1	LOW	64QAM	20.99	20.94	20.94	21.50
		MID	64QAM	21.24	21.17	21.38	21.50
		HIGH	64QAM	20.90	20.94	21.04	21.50
	50	LOW	64QAM	20.61	20.66	20.75	21.50
		MID	64QAM	20.80	20.94	20.82	21.50
		HIGH	64QAM	20.67	20.92	20.81	21.50
100	LOW	64QAM	20.59	20.79	20.57	21.50	

8.3.6 LTE Band41 Output Power

LTE B41-Full Power -Ant.4										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	24.26	24.58	24.33	24.40	24.72	25.50	
		MID	QPSK	24.82	24.83	24.57	24.69	24.85	25.50	
		HIGH	QPSK	24.51	24.85	24.44	24.64	24.79	25.50	
	12	LOW	QPSK	23.34	23.61	23.31	23.34	23.56	24.50	
		MID	QPSK	23.68	23.85	23.35	23.53	23.98	24.50	
		HIGH	QPSK	23.79	23.94	23.24	23.61	23.74	24.50	
	25	LOW	QPSK	23.33	23.84	23.37	23.43	23.47	24.50	
	5	1	LOW	Q16	23.74	23.82	23.69	23.73	23.67	24.50
			MID	Q16	24.02	23.85	23.85	23.98	23.82	24.50
HIGH			Q16	23.84	23.90	23.58	23.74	23.72	24.50	
12		LOW	Q16	22.34	22.56	22.53	22.54	22.55	23.50	
		MID	Q16	22.51	22.76	22.39	22.34	22.64	23.50	
		HIGH	Q16	22.53	22.71	22.42	22.63	22.68	23.50	
25		LOW	Q16	22.40	22.57	22.41	22.54	22.49	23.50	
5		1	LOW	64QAM	22.72	22.63	22.83	22.78	22.55	23.50
			MID	64QAM	23.17	22.91	22.84	22.91	22.71	23.50
	HIGH		64QAM	23.03	22.97	22.91	23.04	22.89	23.50	
	12	LOW	64QAM	21.28	21.48	21.33	21.36	21.31	22.50	
		MID	64QAM	21.57	21.71	21.24	21.51	21.60	22.50	
		HIGH	64QAM	21.63	21.92	21.47	21.70	21.92	22.50	
	25	LOW	64QAM	21.45	21.58	21.42	21.89	21.62	22.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	24.42	24.40	24.37	24.27	24.76	25.50
MID			QPSK	24.84	24.93	24.46	24.75	24.78	25.50	
HIGH			QPSK	24.61	24.84	24.24	24.44	24.76	25.50	
25		LOW	QPSK	23.35	23.71	23.29	23.27	23.46	24.50	
		MID	QPSK	23.55	23.77	23.40	23.40	23.89	24.50	
		HIGH	QPSK	23.62	23.83	23.17	23.62	23.82	24.50	
50		LOW	QPSK	23.43	23.74	23.54	23.58	23.49	24.50	
10		1	LOW	Q16	23.64	23.80	23.74	23.56	23.64	24.50
			MID	Q16	23.88	23.90	23.93	23.81	23.81	24.50
	HIGH		Q16	24.01	23.75	23.62	23.83	23.84	24.50	
	25	LOW	Q16	22.58	22.68	22.45	22.56	22.72	23.50	
		MID	Q16	22.46	22.65	22.36	22.32	22.74	23.50	
		HIGH	Q16	22.63	22.95	22.37	22.57	22.76	23.50	
	50	LOW	Q16	22.38	22.74	22.47	22.66	22.54	23.50	
	10	1	LOW	64QAM	22.54	22.69	22.80	22.52	22.78	23.50
			MID	64QAM	23.24	22.85	22.92	22.85	22.72	23.50
HIGH			64QAM	22.91	22.86	23.04	22.81	22.84	23.50	
25		LOW	64QAM	21.24	21.68	21.47	21.29	21.44	22.50	
		MID	64QAM	21.57	21.60	21.35	21.25	21.44	22.50	
		HIGH	64QAM	21.65	22.07	21.64	21.54	21.70	22.50	
50		LOW	64QAM	21.59	21.81	21.43	21.80	21.34	22.50	

LTE B41-Full Power -Ant.4										
Bandwidth (	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	24.22	24.44	24.20	24.31	24.61	25.50	
		MID	QPSK	24.85	24.68	24.45	24.72	25.01	25.50	
		HIGH	QPSK	24.59	24.86	24.43	24.41	24.73	25.50	
	36	LOW	QPSK	23.40	23.64	23.37	23.38	23.62	24.50	
		MID	QPSK	23.68	23.88	23.45	23.37	23.87	24.50	
		HIGH	QPSK	23.80	23.78	23.22	23.49	23.93	24.50	
	75	LOW	QPSK	23.35	23.74	23.34	23.36	23.61	24.50	
	15	1	LOW	Q16	23.71	23.85	23.67	23.49	23.87	24.50
			MID	Q16	23.92	23.81	23.93	23.95	23.85	24.50
HIGH			Q16	24.00	23.89	23.85	23.80	23.58	24.50	
36		LOW	Q16	22.47	22.68	22.38	22.49	22.67	23.50	
		MID	Q16	22.46	22.79	22.33	22.50	22.65	23.50	
		HIGH	Q16	22.67	22.90	22.48	22.84	22.96	23.50	
75		LOW	Q16	22.60	22.83	22.31	22.73	22.72	23.50	
15		1	LOW	64QAM	22.53	22.75	22.91	22.66	22.76	23.50
			MID	64QAM	23.23	22.94	22.76	22.99	22.94	23.50
	HIGH		64QAM	23.05	23.01	23.01	22.84	22.80	23.50	
	36	LOW	64QAM	21.44	21.53	21.46	21.52	21.29	22.50	
		MID	64QAM	21.63	21.44	21.07	21.35	21.63	22.50	
		HIGH	64QAM	21.37	21.89	21.34	21.75	21.76	22.50	
	75	LOW	64QAM	21.59	21.55	21.51	21.88	21.57	22.50	
	Bandwidth (	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	24.35	24.54	24.27	24.33	24.66	25.50
MID			QPSK	24.79	24.81	24.85	24.70	24.79	25.50	
HIGH			QPSK	24.59	24.76	24.39	24.55	24.70	25.50	
50		LOW	QPSK	23.46	23.70	23.32	23.37	23.56	24.50	
		MID	QPSK	23.57	23.86	23.49	23.42	23.87	24.50	
		HIGH	QPSK	23.75	23.85	23.24	23.64	23.89	24.50	
100		LOW	QPSK	23.47	23.73	23.42	23.48	23.61	24.50	
20	1	LOW	Q16	23.60	23.70	23.71	23.59	23.73	24.50	
		MID	Q16	23.60	23.69	23.79	23.64	23.77	24.50	
		HIGH	Q16	23.77	23.77	23.70	23.77	23.70	24.50	
	50	LOW	Q16	22.45	22.64	22.49	22.49	22.59	23.50	
		MID	Q16	22.60	22.74	22.46	22.45	22.62	23.50	
		HIGH	Q16	22.54	22.83	22.46	22.69	22.83	23.50	
	100	LOW	Q16	22.51	22.70	22.46	22.60	22.58	23.50	
20	1	LOW	64QAM	22.65	22.73	22.80	22.63	22.68	23.50	
		MID	64QAM	23.12	22.84	22.81	22.85	22.84	23.50	
		HIGH	64QAM	22.94	22.95	22.91	22.92	22.81	23.50	
	50	LOW	64QAM	21.38	21.53	21.32	21.43	21.44	22.50	
		MID	64QAM	21.57	21.58	21.22	21.39	21.53	22.50	
		HIGH	64QAM	21.51	21.93	21.49	21.61	21.85	22.50	
	100	LOW	64QAM	21.46	21.69	21.48	21.75	21.49	22.50	

LTE B41-DSI 1 -Ant.4										
Bandwidth (	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	19.42	19.75	19.66	19.73	19.71	20.50	
		MID	QPSK	19.40	19.86	19.83	20.06	19.80	20.50	
		HIGH	QPSK	19.50	19.52	19.96	19.49	19.88	20.50	
	12	LOW	QPSK	19.35	19.59	19.71	19.51	19.56	20.50	
		MID	QPSK	19.31	19.73	20.00	19.64	19.88	20.50	
		HIGH	QPSK	19.40	19.71	19.89	19.66	20.06	20.50	
	25	LOW	QPSK	19.30	19.53	19.58	19.42	19.67	20.50	
	5	1	LOW	Q16	19.35	19.79	19.92	19.91	19.63	20.50
			MID	Q16	19.67	20.08	20.20	20.10	20.22	20.50
HIGH			Q16	19.67	19.81	20.01	19.88	20.00	20.50	
12		LOW	Q16	19.11	19.86	19.96	19.81	19.96	20.50	
		MID	Q16	19.29	19.74	19.84	19.93	19.68	20.50	
		HIGH	Q16	19.43	19.70	19.80	19.84	19.82	20.50	
25		LOW	Q16	19.02	19.65	19.66	19.61	19.62	20.50	
5		1	LOW	64QAM	19.60	19.92	20.06	19.89	19.88	20.50
			MID	64QAM	19.60	20.12	20.04	20.03	20.12	20.50
	HIGH		64QAM	19.46	19.91	20.17	19.72	20.16	20.50	
	12	LOW	64QAM	19.08	20.02	19.85	19.77	19.92	20.50	
		MID	64QAM	19.44	19.83	19.82	20.09	19.78	20.50	
		HIGH	64QAM	19.50	19.76	19.83	19.72	19.91	20.50	
	25	LOW	64QAM	19.18	19.49	19.46	19.47	19.55	20.50	
	Bandwidth (	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	19.34	19.47	19.57	19.74	19.83	20.50
MID			QPSK	19.31	19.78	19.80	20.01	19.81	20.50	
HIGH			QPSK	19.58	19.46	19.86	19.46	19.98	20.50	
25		LOW	QPSK	19.43	19.70	19.78	19.50	19.46	20.50	
		MID	QPSK	19.46	19.80	19.81	19.69	19.88	20.50	
		HIGH	QPSK	19.45	19.86	19.96	19.88	20.08	20.50	
50		LOW	QPSK	19.41	19.71	19.77	19.56	19.66	20.50	
10	1	LOW	Q16	19.35	19.76	20.00	19.76	19.65	20.50	
		MID	Q16	19.64	19.93	20.18	20.12	20.31	20.50	
		HIGH	Q16	19.58	19.62	19.91	19.68	20.07	20.50	
	25	LOW	Q16	19.05	19.65	20.02	19.77	19.88	20.50	
		MID	Q16	19.34	19.93	19.82	19.86	19.58	20.50	
		HIGH	Q16	19.33	19.67	19.77	19.75	19.71	20.50	
	50	LOW	Q16	19.27	19.61	19.85	19.49	19.63	20.50	
10	1	LOW	64QAM	19.62	19.73	20.00	19.87	19.89	20.50	
		MID	64QAM	19.53	20.10	20.13	19.86	20.21	20.50	
		HIGH	64QAM	19.61	19.83	20.09	19.63	20.17	20.50	
	25	LOW	64QAM	18.83	19.90	19.71	19.96	19.87	20.50	
		MID	64QAM	19.16	19.83	19.96	20.16	19.76	20.50	
		HIGH	64QAM	19.52	19.92	19.89	19.65	19.90	20.50	
	50	LOW	64QAM	19.11	19.51	19.49	19.34	19.56	20.50	

LTE B41-DSI 1 -Ant.4										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	19.49	19.52	19.67	19.79	19.66	20.50	
		MID	QPSK	19.35	19.78	20.00	20.06	19.74	20.50	
		HIGH	QPSK	19.49	19.60	19.88	19.54	20.03	20.50	
	36	LOW	QPSK	19.32	19.67	19.70	19.30	19.45	20.50	
		MID	QPSK	19.39	19.59	19.75	19.49	20.01	20.50	
		HIGH	QPSK	19.46	19.78	19.76	19.84	19.94	20.50	
	75	LOW	QPSK	19.23	19.59	19.66	19.58	19.42	20.50	
	15	1	LOW	Q16	19.50	19.64	19.75	19.96	19.63	20.50
			MID	Q16	19.83	20.10	20.32	19.94	20.23	20.50
HIGH			Q16	19.64	19.73	20.03	19.71	20.06	20.50	
36		LOW	Q16	19.17	19.85	19.86	19.65	19.82	20.50	
		MID	Q16	19.28	19.74	19.88	19.96	19.80	20.50	
		HIGH	Q16	19.31	19.79	19.64	19.80	19.61	20.50	
75		LOW	Q16	19.01	19.48	19.73	19.62	19.79	20.50	
15		1	LOW	64QAM	19.48	19.97	20.11	19.97	19.91	20.50
			MID	64QAM	19.61	20.02	20.03	19.84	20.00	20.50
	HIGH		64QAM	19.60	19.89	20.27	19.52	20.06	20.50	
	36	LOW	64QAM	18.86	19.92	19.72	19.80	19.90	20.50	
		MID	64QAM	19.39	19.90	19.78	19.83	19.78	20.50	
		HIGH	64QAM	19.40	19.99	19.76	19.69	19.72	20.50	
	75	LOW	64QAM	19.26	19.62	19.56	19.39	19.64	20.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	19.35	19.61	19.65	19.66	19.73	20.50
MID			QPSK	19.90	19.88	19.82	19.00	19.80	20.50	
HIGH			QPSK	19.46	19.61	19.87	19.50	19.98	20.50	
50		LOW	QPSK	19.28	19.56	19.68	19.41	19.59	20.50	
		MID	QPSK	19.84	19.73	19.71	19.64	19.76	20.50	
		HIGH	QPSK	19.31	19.79	19.81	19.75	19.73	20.50	
100		LOW	QPSK	19.31	19.67	19.65	19.55	19.56	20.50	
20	1	LOW	Q16	19.45	19.77	19.87	19.84	19.72	20.50	
		MID	Q16	19.72	19.98	20.17	20.05	20.30	20.50	
		HIGH	Q16	19.61	19.74	20.04	19.77	19.92	20.50	
	50	LOW	Q16	19.02	19.80	19.88	19.83	19.93	20.50	
		MID	Q16	19.22	19.81	19.81	19.94	19.66	20.50	
		HIGH	Q16	19.28	19.76	19.71	19.77	19.69	20.50	
	100	LOW	Q16	19.14	19.60	19.74	19.48	19.66	20.50	
20	1	LOW	64QAM	19.60	20.00	20.14	19.93	19.84	20.50	
		MID	64QAM	19.60	20.12	20.08	19.97	20.12	20.50	
		HIGH	64QAM	19.59	19.89	20.12	19.67	20.02	20.50	
	50	LOW	64QAM	18.93	19.87	19.82	19.88	20.02	20.50	
		MID	64QAM	19.29	19.93	19.88	20.02	19.74	20.50	
		HIGH	64QAM	19.41	19.84	19.78	19.78	19.83	20.50	
	100	LOW	64QAM	19.12	19.54	19.61	19.35	19.65	20.50	

LTE B41-DSI 3 -Ant.4									
Bandwidth (	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.26	24.58	24.33	24.40	24.72	25.50
		MID	QPSK	24.82	24.83	24.57	24.69	24.85	25.50
		HIGH	QPSK	24.51	24.85	24.44	24.64	24.79	25.50
	12	LOW	QPSK	23.34	23.61	23.31	23.34	23.56	24.50
		MID	QPSK	23.68	23.85	23.35	23.53	23.98	24.50
		HIGH	QPSK	23.79	23.94	23.24	23.61	23.74	24.50
25	LOW	QPSK	23.33	23.84	23.37	23.43	23.47	24.50	
5	1	LOW	Q16	23.74	23.82	23.69	23.73	23.67	24.50
		MID	Q16	24.02	23.85	23.85	23.98	23.82	24.50
		HIGH	Q16	23.84	23.90	23.58	23.74	23.72	24.50
	12	LOW	Q16	22.34	22.56	22.53	22.54	22.55	23.50
		MID	Q16	22.51	22.76	22.39	22.34	22.64	23.50
		HIGH	Q16	22.53	22.71	22.42	22.63	22.68	23.50
25	LOW	Q16	22.40	22.57	22.41	22.54	22.49	23.50	
5	1	LOW	64QAM	22.72	22.63	22.83	22.78	22.55	23.50
		MID	64QAM	23.17	22.91	22.84	22.91	22.71	23.50
		HIGH	64QAM	23.03	22.97	22.91	23.04	22.89	23.50
	12	LOW	64QAM	21.28	21.48	21.33	21.36	21.31	22.50
		MID	64QAM	21.57	21.71	21.24	21.51	21.60	22.50
		HIGH	64QAM	21.63	21.92	21.47	21.70	21.92	22.50
25	LOW	64QAM	21.45	21.58	21.42	21.89	21.62	22.50	
Bandwidth (	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.42	24.40	24.37	24.27	24.76	25.50
		MID	QPSK	24.84	24.93	24.46	24.75	24.78	25.50
		HIGH	QPSK	24.61	24.84	24.24	24.44	24.76	25.50
	25	LOW	QPSK	23.35	23.71	23.29	23.27	23.46	24.50
		MID	QPSK	23.55	23.77	23.40	23.40	23.89	24.50
		HIGH	QPSK	23.62	23.83	23.17	23.62	23.82	24.50
50	LOW	QPSK	23.43	23.74	23.54	23.58	23.49	24.50	
10	1	LOW	Q16	23.64	23.80	23.74	23.56	23.64	24.50
		MID	Q16	23.88	23.90	23.93	23.81	23.81	24.50
		HIGH	Q16	24.01	23.75	23.62	23.83	23.84	24.50
	25	LOW	Q16	22.58	22.68	22.45	22.56	22.72	23.50
		MID	Q16	22.46	22.65	22.36	22.32	22.74	23.50
		HIGH	Q16	22.63	22.95	22.37	22.57	22.76	23.50
50	LOW	Q16	22.38	22.74	22.47	22.66	22.54	23.50	
10	1	LOW	64QAM	22.54	22.69	22.80	22.52	22.78	23.50
		MID	64QAM	23.24	22.85	22.92	22.85	22.72	23.50
		HIGH	64QAM	22.91	22.86	23.04	22.81	22.84	23.50
	25	LOW	64QAM	21.24	21.68	21.47	21.29	21.44	22.50
		MID	64QAM	21.57	21.60	21.35	21.25	21.44	22.50
		HIGH	64QAM	21.65	22.07	21.64	21.54	21.70	22.50
50	LOW	64QAM	21.59	21.81	21.43	21.80	21.34	22.50	

LTE B41-DSI 3 -Ant.4										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	24.22	24.44	24.20	24.31	24.61	25.50	
		MID	QPSK	24.85	24.68	24.45	24.72	25.01	25.50	
		HIGH	QPSK	24.59	24.86	24.43	24.41	24.73	25.50	
	36	LOW	QPSK	23.40	23.64	23.37	23.38	23.62	24.50	
		MID	QPSK	23.68	23.88	23.45	23.37	23.87	24.50	
		HIGH	QPSK	23.80	23.78	23.22	23.49	23.93	24.50	
	75	LOW	QPSK	23.35	23.74	23.34	23.36	23.61	24.50	
	15	1	LOW	Q16	23.71	23.85	23.67	23.49	23.87	24.50
			MID	Q16	23.92	23.81	23.93	23.95	23.85	24.50
HIGH			Q16	24.00	23.89	23.85	23.80	23.58	24.50	
36		LOW	Q16	22.47	22.68	22.38	22.49	22.67	23.50	
		MID	Q16	22.46	22.79	22.33	22.50	22.65	23.50	
		HIGH	Q16	22.67	22.90	22.48	22.84	22.96	23.50	
75		LOW	Q16	22.60	22.83	22.31	22.73	22.72	23.50	
15		1	LOW	64QAM	22.53	22.75	22.91	22.66	22.76	23.50
			MID	64QAM	23.23	22.94	22.76	22.99	22.94	23.50
	HIGH		64QAM	23.05	23.01	23.01	22.84	22.80	23.50	
	36	LOW	64QAM	21.44	21.53	21.46	21.52	21.29	22.50	
		MID	64QAM	21.63	21.44	21.07	21.35	21.63	22.50	
		HIGH	64QAM	21.37	21.89	21.34	21.75	21.76	22.50	
	75	LOW	64QAM	21.59	21.55	21.51	21.88	21.57	22.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	24.35	24.54	24.27	24.33	24.66	25.50
MID			QPSK	24.79	24.81	24.85	24.70	24.79	25.50	
HIGH			QPSK	24.59	24.76	24.39	24.55	24.70	25.50	
50		LOW	QPSK	23.46	23.70	23.32	23.37	23.56	24.50	
		MID	QPSK	23.57	23.86	23.49	23.42	23.87	24.50	
		HIGH	QPSK	23.75	23.85	23.24	23.64	23.89	24.50	
100		LOW	QPSK	23.47	23.73	23.42	23.48	23.61	24.50	
20	1	LOW	Q16	23.60	23.70	23.71	23.59	23.73	24.50	
		MID	Q16	23.60	23.69	23.79	23.64	23.77	24.50	
		HIGH	Q16	23.77	23.77	23.70	23.77	23.70	24.50	
	50	LOW	Q16	22.45	22.64	22.49	22.49	22.59	23.50	
		MID	Q16	22.60	22.74	22.46	22.45	22.62	23.50	
		HIGH	Q16	22.54	22.83	22.46	22.69	22.83	23.50	
	100	LOW	Q16	22.51	22.70	22.46	22.60	22.58	23.50	
20	1	LOW	64QAM	22.65	22.73	22.80	22.63	22.68	23.50	
		MID	64QAM	23.12	22.84	22.81	22.85	22.84	23.50	
		HIGH	64QAM	22.94	22.95	22.91	22.92	22.81	23.50	
	50	LOW	64QAM	21.38	21.53	21.32	21.43	21.44	22.50	
		MID	64QAM	21.57	21.58	21.22	21.39	21.53	22.50	
		HIGH	64QAM	21.51	21.93	21.49	21.61	21.85	22.50	
	100	LOW	64QAM	21.46	21.69	21.48	21.75	21.49	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	20.47	20.78	20.73	20.85	20.54	21.50	
		MID	QPSK	20.72	20.90	20.81	20.79	20.67	21.50	
		HIGH	QPSK	20.70	20.64	20.87	20.53	21.18	21.50	
	12	LOW	QPSK	20.56	20.97	20.60	21.14	20.64	21.50	
		MID	QPSK	20.53	20.69	21.05	20.82	21.14	21.50	
		HIGH	QPSK	20.65	20.72	20.60	20.73	20.83	21.50	
	25	LOW	QPSK	20.37	20.93	20.99	20.83	20.79	21.50	
	5	1	LOW	Q16	20.57	20.96	20.84	21.05	20.61	21.50
			MID	Q16	20.89	21.09	20.83	20.92	21.15	21.50
HIGH			Q16	20.89	20.95	20.94	20.78	20.92	21.50	
12		LOW	Q16	20.40	20.51	20.71	20.41	20.91	21.50	
		MID	Q16	20.41	20.63	20.68	20.74	20.70	21.50	
		HIGH	Q16	20.65	20.69	20.68	20.86	20.71	21.50	
25		LOW	Q16	20.25	20.73	20.74	20.62	20.75	21.50	
5		1	LOW	64QAM	20.64	20.88	20.66	21.12	20.59	21.50
			MID	64QAM	20.81	21.21	20.95	20.87	21.06	21.50
	HIGH		64QAM	21.07	21.08	21.27	20.99	21.13	21.50	
	12	LOW	64QAM	20.08	20.58	20.73	20.70	20.70	21.50	
		MID	64QAM	20.39	20.77	21.02	20.75	20.68	21.50	
		HIGH	64QAM	20.45	20.70	20.49	20.79	20.62	21.50	
	25	LOW	64QAM	20.41	20.42	20.63	20.92	20.61	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	20.60	20.61	20.75	20.66	20.57	21.50
MID			QPSK	20.59	21.11	20.77	21.01	20.79	21.50	
HIGH			QPSK	20.63	20.63	21.03	20.60	21.02	21.50	
25		LOW	QPSK	20.57	20.98	20.72	20.89	20.56	21.50	
		MID	QPSK	20.54	20.87	21.15	21.05	21.08	21.50	
		HIGH	QPSK	20.43	20.86	20.81	20.82	20.77	21.50	
50		LOW	QPSK	20.49	20.98	20.79	20.72	20.98	21.50	
10		1	LOW	Q16	20.77	20.95	20.80	21.07	20.52	21.50
			MID	Q16	20.92	21.14	20.94	20.86	20.91	21.50
	HIGH		Q16	21.11	21.03	21.06	20.93	20.89	21.50	
	25	LOW	Q16	20.27	20.75	20.83	20.58	20.70	21.50	
		MID	Q16	20.25	20.85	20.64	20.49	20.75	21.50	
		HIGH	Q16	20.65	20.76	20.62	21.01	20.81	21.50	
	50	LOW	Q16	20.39	20.81	20.62	20.86	20.74	21.50	
	10	1	LOW	64QAM	20.52	21.04	20.70	21.14	20.59	21.50
			MID	64QAM	20.91	21.02	20.93	20.98	21.06	21.50
HIGH			64QAM	20.96	21.13	21.18	21.09	21.00	21.50	
25		LOW	64QAM	20.19	20.67	20.71	20.83	20.73	21.50	
		MID	64QAM	20.39	20.71	20.87	20.82	20.82	21.50	
		HIGH	64QAM	20.46	20.56	20.65	20.79	20.50	21.50	
50		LOW	64QAM	20.21	20.54	20.63	20.69	20.64	21.50	

LTE B41-DSI 4 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.57	20.62	20.76	20.89	20.56	21.50
		MID	QPSK	20.89	20.94	20.98	20.95	20.67	21.50
		HIGH	QPSK	20.69	20.69	20.97	20.73	21.05	21.50
	36	LOW	QPSK	20.27	21.00	20.78	20.84	20.53	21.50
		MID	QPSK	20.32	20.88	20.97	20.91	21.06	21.50
		HIGH	QPSK	20.56	20.88	20.84	20.81	20.72	21.50
	75	LOW	QPSK	20.42	20.84	20.79	20.79	20.99	21.50
15	1	LOW	Q16	20.69	21.02	20.64	20.97	20.69	21.50
		MID	Q16	20.89	21.23	20.95	21.06	20.91	21.50
		HIGH	Q16	20.84	21.05	21.09	20.78	21.02	21.50
	36	LOW	Q16	20.25	20.54	20.81	20.43	20.74	21.50
		MID	Q16	20.47	20.87	20.83	20.63	20.67	21.50
		HIGH	Q16	20.51	20.95	20.73	21.01	20.82	21.50
	75	LOW	Q16	20.34	20.73	20.54	20.77	20.77	21.50
15	1	LOW	64QAM	20.62	20.87	20.56	21.12	20.73	21.50
		MID	64QAM	20.88	21.12	20.96	20.89	21.11	21.50
		HIGH	64QAM	20.77	21.10	21.16	21.08	20.98	21.50
	36	LOW	64QAM	20.35	20.60	20.79	20.65	20.69	21.50
		MID	64QAM	20.45	20.67	20.86	20.79	20.57	21.50
		HIGH	64QAM	20.49	20.70	20.74	20.89	20.54	21.50
	75	LOW	64QAM	20.21	20.54	20.48	20.81	20.78	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.56	20.67	20.79	20.78	20.68	21.50
		MID	QPSK	20.74	20.88	20.91	20.84	20.76	21.50
		HIGH	QPSK	20.60	20.65	20.85	20.62	20.84	21.50
	50	LOW	QPSK	20.42	20.85	20.68	20.99	20.57	21.50
		MID	QPSK	20.39	20.84	21.03	20.91	21.00	21.50
		HIGH	QPSK	20.53	20.85	20.74	20.83	20.69	21.50
100	LOW	QPSK	20.50	20.90	20.87	20.80	20.86	21.50	
20	1	LOW	Q16	20.63	20.95	20.69	21.10	20.64	21.50
		MID	Q16	21.00	21.11	20.94	21.00	21.06	21.50
		HIGH	Q16	20.99	21.07	21.03	20.92	21.01	21.50
	50	LOW	Q16	20.37	20.66	20.74	20.55	20.82	21.50
		MID	Q16	20.38	20.73	20.76	20.60	20.64	21.50
		HIGH	Q16	20.62	20.82	20.65	20.91	20.67	21.50
100	LOW	Q16	20.36	20.67	20.67	20.76	20.78	21.50	
20	1	LOW	64QAM	20.57	20.97	20.61	21.10	20.61	21.50
		MID	64QAM	20.93	21.10	20.90	20.90	21.05	21.50
		HIGH	64QAM	20.92	21.13	21.25	20.99	21.12	21.50
	50	LOW	64QAM	20.22	20.66	20.68	20.68	20.76	21.50
		MID	64QAM	20.37	20.68	20.95	20.75	20.71	21.50
		HIGH	64QAM	20.49	20.60	20.60	20.92	20.52	21.50
100	LOW	64QAM	20.31	20.54	20.57	20.84	20.63	21.50	

LTE B41-Full Power -Ant.4									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.50	24.63	24.11	24.76	24.00	25.50
		MID	QPSK	24.81	24.71	24.61	24.61	24.66	25.50
		HIGH	QPSK	24.63	24.35	24.29	24.61	24.37	25.50
	12	LOW	QPSK	23.25	23.74	23.05	23.34	23.43	24.50
		MID	QPSK	23.70	23.78	23.37	23.67	23.42	24.50
		HIGH	QPSK	23.71	23.38	23.42	23.66	23.47	24.50
5	1	LOW	Q16	23.72	23.77	23.66	23.95	23.81	24.50
		MID	Q16	23.99	23.97	23.83	24.00	23.55	24.50
		HIGH	Q16	23.62	23.92	23.54	23.80	23.64	24.50
	12	LOW	Q16	22.25	22.66	22.28	22.45	22.36	23.50
		MID	Q16	22.73	22.72	22.48	22.95	22.74	23.50
		HIGH	Q16	22.46	22.59	22.60	22.75	22.48	23.50
5	1	LOW	Q16	22.39	22.66	22.55	22.70	22.37	23.50
	12	LOW	64QAM	22.78	22.85	22.77	22.73	22.76	23.50
		MID	64QAM	22.88	22.92	22.36	22.96	22.45	23.50
		HIGH	64QAM	22.77	22.85	22.50	22.94	22.71	23.50
	12	LOW	64QAM	21.23	21.65	21.59	21.44	21.39	22.50
		MID	64QAM	21.64	21.79	21.57	21.73	21.75	22.50
5	12	HIGH	64QAM	21.54	21.84	21.56	21.62	21.58	22.50
		LOW	64QAM	21.35	21.19	21.25	21.51	21.13	22.50
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.32	24.77	24.27	24.83	24.20	25.50
		MID	QPSK	25.00	24.86	24.45	24.61	24.61	25.50
		HIGH	QPSK	24.75	24.35	24.42	24.63	24.32	25.50
	25	LOW	QPSK	23.44	23.78	23.20	23.26	23.33	24.50
		MID	QPSK	23.88	23.93	23.52	23.86	23.46	24.50
		HIGH	QPSK	23.57	23.57	23.30	23.77	23.50	24.50
10	50	LOW	QPSK	23.69	23.83	23.25	23.66	23.35	24.50
	1	LOW	Q16	23.63	23.98	23.50	23.98	23.57	24.50
		MID	Q16	24.10	23.98	23.73	23.81	23.49	24.50
		HIGH	Q16	23.84	23.84	23.57	23.76	23.73	24.50
	25	LOW	Q16	22.34	22.68	22.21	22.38	22.57	23.50
		MID	Q16	22.75	22.97	22.61	22.94	22.55	23.50
10	50	HIGH	Q16	22.66	22.60	22.46	22.66	22.46	23.50
	1	LOW	Q16	22.38	22.58	22.34	22.60	22.40	23.50
	25	LOW	64QAM	22.55	22.75	22.67	22.76	22.59	23.50
		MID	64QAM	22.78	22.93	22.40	23.08	22.32	23.50
		HIGH	64QAM	22.98	22.90	22.55	22.97	22.67	23.50
	50	LOW	64QAM	21.34	21.56	21.51	21.43	21.57	22.50
10	25	MID	64QAM	21.60	21.93	21.70	21.71	21.62	22.50
		HIGH	64QAM	21.50	21.74	21.67	21.76	21.60	22.50
	50	LOW	64QAM	21.39	21.41	21.23	21.64	21.14	22.50

LTE B41-Full Power -Ant.4									
Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.45	24.75	24.18	24.80	23.98	25.50
		MID	QPSK	24.91	24.77	24.67	24.62	24.76	25.50
		HIGH	QPSK	24.74	24.40	24.28	24.46	24.36	25.50
	36	LOW	QPSK	23.30	23.58	23.22	23.15	23.19	24.50
		MID	QPSK	23.95	23.72	23.41	23.78	23.64	24.50
		HIGH	QPSK	23.55	23.60	23.55	23.70	23.48	24.50
15	1	LOW	Q16	23.62	23.86	23.27	23.87	23.28	24.50
		MID	Q16	23.87	23.87	23.63	23.84	23.62	24.50
		HIGH	Q16	23.91	23.86	23.75	23.92	23.74	24.50
	36	LOW	Q16	23.91	23.73	23.76	23.82	23.72	24.50
		MID	Q16	22.24	22.47	22.46	22.64	22.31	23.50
		HIGH	Q16	22.82	22.74	22.52	23.05	22.67	23.50
15	1	LOW	Q16	22.65	22.55	22.59	22.75	22.47	23.50
		MID	Q16	22.31	22.46	22.44	22.53	22.25	23.50
		HIGH	Q16	22.31	22.46	22.44	22.53	22.25	23.50
	36	LOW	64QAM	22.51	22.87	22.85	22.74	22.73	23.50
		MID	64QAM	22.81	22.95	22.51	23.05	22.49	23.50
		HIGH	64QAM	23.04	22.62	22.45	22.90	22.70	23.50
15	1	LOW	64QAM	21.32	21.64	21.39	21.39	21.62	22.50
		MID	64QAM	21.64	21.78	21.61	21.79	21.58	22.50
		HIGH	64QAM	21.45	21.73	21.65	21.82	21.42	22.50
	36	LOW	64QAM	21.42	21.42	21.16	21.49	21.21	22.50
		MID	64QAM	21.42	21.42	21.16	21.49	21.21	22.50
		HIGH	64QAM	21.42	21.42	21.16	21.49	21.21	22.50
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.45	24.62	24.22	24.69	24.13	25.50
		MID	QPSK	24.77	24.73	24.56	24.74	24.61	25.50
		HIGH	QPSK	24.69	24.46	24.41	24.56	24.40	25.50
	50	LOW	QPSK	23.37	23.64	23.20	23.23	23.29	24.50
		MID	QPSK	23.73	23.71	23.40	23.68	23.52	24.50
		HIGH	QPSK	23.64	23.53	23.45	23.67	23.55	24.50
20	1	LOW	QPSK	23.63	23.76	23.38	23.78	23.43	24.50
		MID	QPSK	23.63	23.76	23.38	23.78	23.43	24.50
		HIGH	QPSK	23.63	23.76	23.38	23.78	23.43	24.50
	50	LOW	Q16	23.77	23.88	23.59	23.99	23.67	24.50
		MID	Q16	24.06	23.90	23.71	23.92	23.61	24.50
		HIGH	Q16	23.77	23.82	23.65	23.82	23.70	24.50
20	1	LOW	Q16	22.39	22.56	22.36	22.52	22.44	23.50
		MID	Q16	22.70	22.84	22.62	22.92	22.69	23.50
		HIGH	Q16	22.60	22.70	22.49	22.68	22.45	23.50
	50	LOW	Q16	22.40	22.53	22.49	22.60	22.36	23.50
		MID	Q16	22.40	22.53	22.49	22.60	22.36	23.50
		HIGH	Q16	22.40	22.53	22.49	22.60	22.36	23.50
20	1	LOW	64QAM	22.65	22.73	22.80	22.63	22.68	23.50
		MID	64QAM	22.93	22.90	22.45	23.04	22.46	23.50
		HIGH	64QAM	22.92	22.77	22.44	22.92	22.63	23.50
	50	LOW	64QAM	21.29	21.52	21.53	21.41	21.54	22.50
		MID	64QAM	21.71	21.79	21.63	21.79	21.70	22.50
		HIGH	64QAM	21.50	21.86	21.69	21.67	21.57	22.50
20	1	LOW	64QAM	21.31	21.27	21.24	21.58	21.25	22.50
		MID	64QAM	21.31	21.27	21.24	21.58	21.25	22.50
		HIGH	64QAM	21.31	21.27	21.24	21.58	21.25	22.50
	50	LOW	64QAM	21.31	21.27	21.24	21.58	21.25	22.50
		MID	64QAM	21.31	21.27	21.24	21.58	21.25	22.50
		HIGH	64QAM	21.31	21.27	21.24	21.58	21.25	22.50

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	24.40	24.64	24.14	24.67	24.23	25.50
		MID	QPSK	24.97	24.73	24.60	24.61	24.71	25.50
		HIGH	QPSK	24.84	24.58	24.38	24.56	24.29	25.50
	12	LOW	QPSK	23.37	23.77	23.17	23.25	23.32	24.50
		MID	QPSK	23.67	23.72	23.48	23.76	23.42	24.50
		HIGH	QPSK	23.51	23.67	23.60	23.63	23.49	24.50
25	LOW	QPSK	23.72	23.76	23.33	23.91	23.45	24.50	
5	1	LOW	Q16	23.73	23.99	23.50	24.05	23.62	24.50
		MID	Q16	24.18	23.89	23.66	23.79	23.62	24.50
		HIGH	Q16	23.81	23.77	23.67	23.82	23.56	24.50
	12	LOW	Q16	22.47	22.67	22.30	22.57	22.48	23.50
		MID	Q16	22.84	22.98	22.68	22.90	22.79	23.50
		HIGH	Q16	22.56	22.57	22.34	22.78	22.40	23.50
25	LOW	Q16	22.25	22.67	22.39	22.54	22.48	23.50	
5	1	LOW	64QAM	22.66	22.76	22.67	22.74	22.58	23.50
		MID	64QAM	23.04	22.81	22.83	23.20	22.37	23.50
		HIGH	64QAM	23.02	22.74	22.56	23.03	22.63	23.50
	12	LOW	64QAM	21.60	21.35	21.43	21.61	21.51	22.50
		MID	64QAM	21.59	21.69	21.47	21.77	21.49	22.50
		HIGH	64QAM	21.60	21.52	21.56	21.73	21.46	22.50
25	LOW	64QAM	21.33	21.56	21.43	21.51	21.17	22.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.30	24.71	24.23	24.66	24.00	25.50
		MID	QPSK	24.93	24.97	24.47	24.89	24.59	25.50
		HIGH	QPSK	24.55	24.49	24.53	24.60	24.42	25.50
	25	LOW	QPSK	23.27	23.54	23.18	23.29	23.28	24.50
		MID	QPSK	23.93	23.68	23.31	23.65	23.43	24.50
		HIGH	QPSK	23.49	23.49	23.33	23.82	23.40	24.50
50	LOW	QPSK	23.61	23.76	23.35	23.77	23.33	24.50	
10	1	LOW	Q16	23.74	23.75	23.45	23.86	23.54	24.50
		MID	Q16	24.10	23.82	23.75	23.94	23.59	24.50
		HIGH	Q16	23.90	23.73	23.53	23.72	23.76	24.50
	25	LOW	Q16	22.35	22.62	22.51	22.46	22.31	23.50
		MID	Q16	22.56	22.98	22.54	23.06	22.65	23.50
		HIGH	Q16	22.61	22.67	22.39	22.63	22.54	23.50
50	LOW	Q16	22.26	22.58	22.34	22.54	22.49	23.50	
10	1	LOW	64QAM	22.52	22.76	22.67	22.59	22.56	23.50
		MID	64QAM	23.10	22.79	22.70	23.20	22.43	23.50
		HIGH	64QAM	22.75	22.47	22.49	23.03	22.72	23.50
	25	LOW	64QAM	21.62	21.59	21.39	21.59	21.59	22.50
		MID	64QAM	21.60	21.56	21.40	21.88	21.74	22.50
		HIGH	64QAM	21.55	21.69	21.53	21.80	21.42	22.50
50	LOW	64QAM	21.31	21.56	21.21	21.57	21.35	22.50	

LTE B41-DSI 1 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.35	24.51	24.16	24.57	24.21	25.50
		MID	QPSK	24.96	24.93	24.58	24.84	24.68	25.50
		HIGH	QPSK	24.68	24.53	24.49	24.49	24.48	25.50
	36	LOW	QPSK	23.33	23.61	23.26	23.09	23.27	24.50
		MID	QPSK	23.94	23.92	23.35	23.63	23.58	24.50
		HIGH	QPSK	23.66	23.42	23.54	23.61	23.43	24.50
	75	LOW	QPSK	23.76	23.90	23.41	23.66	23.38	24.50
15	1	LOW	Q16	23.71	24.02	23.50	24.11	23.62	24.50
		MID	Q16	24.03	23.76	23.73	23.88	23.48	24.50
		HIGH	Q16	23.84	23.80	23.76	23.70	23.77	24.50
	36	LOW	Q16	22.29	22.58	22.36	22.37	22.59	23.50
		MID	Q16	22.61	22.89	22.71	23.04	22.71	23.50
		HIGH	Q16	22.66	22.84	22.63	22.57	22.41	23.50
	75	LOW	Q16	22.51	22.57	22.46	22.62	22.30	23.50
15	1	LOW	64QAM	22.72	22.80	22.67	22.51	22.59	23.50
		MID	64QAM	23.13	22.70	22.59	23.16	22.38	23.50
		HIGH	64QAM	22.99	22.68	22.39	22.90	22.56	23.50
	36	LOW	64QAM	21.41	21.40	21.60	21.41	21.40	22.50
		MID	64QAM	21.75	21.50	21.47	21.76	21.71	22.50
		HIGH	64QAM	21.63	21.66	21.44	21.77	21.47	22.50
	75	LOW	64QAM	21.49	21.57	21.44	21.75	21.41	22.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.45	24.62	24.22	24.69	24.13	25.50
		MID	QPSK	24.77	24.73	24.56	24.74	24.61	25.50
		HIGH	QPSK	24.69	24.46	24.41	24.56	24.40	25.50
	50	LOW	QPSK	23.37	23.64	23.20	23.23	23.29	24.50
		MID	QPSK	23.73	23.71	23.40	23.68	23.52	24.50
		HIGH	QPSK	23.64	23.53	23.45	23.67	23.55	24.50
100	LOW	QPSK	23.63	23.76	23.38	23.78	23.43	24.50	
20	1	LOW	Q16	23.77	23.88	23.59	23.99	23.67	24.50
		MID	Q16	24.06	23.90	23.71	23.92	23.61	24.50
		HIGH	Q16	23.77	23.82	23.65	23.82	23.70	24.50
	50	LOW	Q16	22.39	22.56	22.36	22.52	22.44	23.50
		MID	Q16	22.70	22.84	22.62	22.92	22.69	23.50
		HIGH	Q16	22.60	22.70	22.49	22.68	22.45	23.50
	100	LOW	Q16	22.40	22.53	22.49	22.60	22.36	23.50
20	1	LOW	64QAM	22.65	22.73	22.80	22.63	22.68	23.50
		MID	64QAM	22.93	22.90	22.45	23.04	22.46	23.50
		HIGH	64QAM	22.92	22.77	22.44	22.92	22.63	23.50
	50	LOW	64QAM	21.29	21.52	21.53	21.41	21.54	22.50
		MID	64QAM	21.71	21.79	21.63	21.79	21.70	22.50
		HIGH	64QAM	21.50	21.86	21.69	21.67	21.57	22.50
	100	LOW	64QAM	21.31	21.27	21.24	21.58	21.25	22.50

LTE B41-DSI 3 -Ant.4									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.44	20.79	20.74	20.90	20.45	21.50
		MID	QPSK	21.00	21.21	20.86	20.93	20.91	21.50
		HIGH	QPSK	20.76	20.80	20.80	20.68	20.64	21.50
	12	LOW	QPSK	20.58	20.76	20.85	21.07	20.67	21.50
		MID	QPSK	20.55	20.72	20.74	20.98	20.52	21.50
		HIGH	QPSK	20.76	20.56	20.79	20.57	20.73	21.50
5	1	LOW	Q16	20.85	21.03	20.78	21.18	20.85	21.50
		MID	Q16	21.02	21.38	20.97	21.31	20.65	21.50
		HIGH	Q16	20.80	20.93	21.03	20.97	21.10	21.50
	12	LOW	Q16	20.48	20.73	20.80	20.70	20.72	21.50
		MID	Q16	20.69	21.04	20.68	20.95	20.72	21.50
		HIGH	Q16	20.70	20.56	20.59	20.60	20.60	21.50
5	1	LOW	Q16	20.65	20.76	20.71	20.50	20.65	21.50
		LOW	64QAM	20.92	20.90	20.68	20.81	20.78	21.50
		MID	64QAM	20.83	21.26	21.07	21.31	20.74	21.50
	12	HIGH	64QAM	20.91	21.22	20.85	20.97	20.91	21.50
		LOW	64QAM	20.51	20.74	20.46	20.73	20.84	21.50
		MID	64QAM	20.65	20.73	20.58	20.92	20.39	21.50
Bandwidth	1	HIGH	64QAM	20.72	20.49	20.45	20.58	20.53	21.50
		LOW	64QAM	20.69	20.56	20.73	20.32	20.68	21.50
	10	LOW	QPSK	20.60	20.87	20.64	20.78	20.66	21.50
		MID	QPSK	20.93	20.97	20.65	21.13	20.77	21.50
		HIGH	QPSK	20.73	20.77	20.81	20.66	20.57	21.50
	25	LOW	QPSK	20.35	20.99	20.61	21.11	20.77	21.50
		MID	QPSK	20.71	20.80	20.65	20.81	20.43	21.50
		HIGH	QPSK	20.57	20.59	20.80	20.71	20.64	21.50
	50	LOW	QPSK	20.70	20.70	20.76	20.68	20.63	21.50
		LOW	Q16	20.85	20.97	20.88	21.11	20.69	21.50
10	1	MID	Q16	21.06	21.32	20.96	21.20	20.76	21.50
		HIGH	Q16	20.95	21.11	21.10	20.93	21.00	21.50
	25	LOW	Q16	20.48	20.49	20.55	20.52	20.75	21.50
		MID	Q16	20.57	21.04	20.61	21.12	20.57	21.50
		HIGH	Q16	20.64	20.54	20.47	20.74	20.55	21.50
	50	LOW	Q16	20.47	20.63	20.79	20.60	20.60	21.50
		LOW	64QAM	20.73	20.89	20.71	20.74	20.68	21.50
		MID	64QAM	21.04	21.35	20.98	21.21	20.74	21.50
	10	HIGH	64QAM	21.00	20.99	20.91	21.15	21.01	21.50
		LOW	64QAM	20.30	20.55	20.53	20.76	20.83	21.50
10	25	MID	64QAM	20.68	20.92	20.48	20.96	20.66	21.50
		HIGH	64QAM	20.95	20.55	20.46	20.61	20.53	21.50
	50	LOW	64QAM	20.68	20.39	20.76	20.56	20.57	21.50

LTE B41-DSI 3 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.54	20.93	20.59	20.84	20.53	21.50
		MID	QPSK	20.91	21.00	20.90	20.91	20.83	21.50
		HIGH	QPSK	20.65	20.83	20.54	20.43	20.49	21.50
	36	LOW	QPSK	20.51	20.97	20.67	21.14	20.67	21.50
		MID	QPSK	20.49	20.75	20.79	20.74	20.60	21.50
		HIGH	QPSK	20.50	20.85	20.72	20.69	20.79	21.50
	75	LOW	QPSK	20.89	20.79	20.65	20.77	20.64	21.50
15	1	LOW	Q16	20.76	20.95	20.78	21.06	20.59	21.50
		MID	Q16	21.14	21.37	21.02	21.20	20.86	21.50
		HIGH	Q16	20.74	21.14	20.99	20.90	20.94	21.50
	36	LOW	Q16	20.54	20.59	20.53	20.65	20.70	21.50
		MID	Q16	20.51	20.91	20.73	21.15	20.68	21.50
		HIGH	Q16	20.89	20.68	20.48	20.69	20.50	21.50
	75	LOW	Q16	20.66	20.61	20.72	20.54	20.66	21.50
15	1	LOW	64QAM	20.85	20.94	20.79	20.85	20.74	21.50
		MID	64QAM	20.92	21.47	20.82	21.22	20.94	21.50
		HIGH	64QAM	21.06	21.13	21.03	20.83	20.85	21.50
	36	LOW	64QAM	20.53	20.75	20.64	20.76	20.73	21.50
		MID	64QAM	20.61	20.76	20.43	21.12	20.55	21.50
		HIGH	64QAM	20.94	20.58	20.34	20.69	20.44	21.50
	75	LOW	64QAM	20.74	20.40	20.58	20.45	20.82	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.54	20.85	20.60	20.83	20.51	21.50
		MID	QPSK	21.00	20.98	20.78	20.93	20.77	21.50
		HIGH	QPSK	20.63	20.69	20.68	20.58	20.54	21.50
	50	LOW	QPSK	20.44	20.77	20.72	20.70	20.66	21.50
		MID	QPSK	20.86	20.76	20.66	20.84	20.54	21.50
		HIGH	QPSK	20.62	20.70	20.73	20.72	20.72	21.50
100	LOW	QPSK	20.76	20.67	20.66	20.77	20.76	21.50	
20	1	LOW	Q16	20.71	20.90	20.74	21.03	20.72	21.50
		MID	Q16	21.00	21.36	20.90	21.22	20.80	21.50
		HIGH	Q16	20.85	21.03	20.98	20.92	20.87	21.50
	50	LOW	Q16	20.54	20.63	20.67	20.63	20.75	21.50
		MID	Q16	20.58	20.98	20.64	21.03	20.65	21.50
		HIGH	Q16	20.76	20.65	20.49	20.59	20.45	21.50
100	LOW	Q16	20.61	20.63	20.74	20.49	20.75	21.50	
20	1	LOW	64QAM	20.82	20.83	20.76	20.89	20.73	21.50
		MID	64QAM	20.91	21.41	20.95	21.32	20.80	21.50
		HIGH	64QAM	20.91	21.11	20.91	21.04	21.04	21.50
	50	LOW	64QAM	20.45	20.69	20.59	20.71	20.71	21.50
		MID	64QAM	20.66	20.82	20.46	20.98	20.52	21.50
		HIGH	64QAM	20.87	20.51	20.44	20.66	20.40	21.50
100	LOW	64QAM	20.67	20.44	20.63	20.45	20.70	21.50	

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	20.44	20.79	20.74	20.90	20.45	21.50
		MID	QPSK	21.00	21.21	20.86	20.93	20.91	21.50
		HIGH	QPSK	20.76	20.80	20.80	20.68	20.64	21.50
	12	LOW	QPSK	20.58	20.76	20.85	21.07	20.67	21.50
		MID	QPSK	20.55	20.72	20.74	20.98	20.52	21.50
		HIGH	QPSK	20.76	20.56	20.79	20.57	20.73	21.50
25	LOW	QPSK	20.65	20.58	20.79	20.83	20.90	21.50	
5	1	LOW	Q16	20.85	21.03	20.78	21.18	20.85	21.50
		MID	Q16	21.02	21.38	20.97	21.31	20.65	21.50
		HIGH	Q16	20.80	20.93	21.03	20.97	21.10	21.50
	12	LOW	Q16	20.48	20.73	20.80	20.70	20.72	21.50
		MID	Q16	20.69	21.04	20.68	20.95	20.72	21.50
		HIGH	Q16	20.70	20.56	20.59	20.60	20.60	21.50
25	LOW	Q16	20.65	20.76	20.71	20.50	20.65	21.50	
5	1	LOW	64QAM	20.92	20.90	20.68	20.81	20.78	21.50
		MID	64QAM	20.83	21.26	21.07	21.31	20.74	21.50
		HIGH	64QAM	20.91	21.22	20.85	20.97	20.91	21.50
	12	LOW	64QAM	20.51	20.74	20.46	20.73	20.84	21.50
		MID	64QAM	20.65	20.73	20.58	20.92	20.39	21.50
		HIGH	64QAM	20.72	20.49	20.45	20.58	20.53	21.50
25	LOW	64QAM	20.69	20.56	20.73	20.32	20.68	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.60	20.87	20.64	20.78	20.66	21.50
		MID	QPSK	20.93	20.97	20.65	21.13	20.77	21.50
		HIGH	QPSK	20.73	20.77	20.81	20.66	20.57	21.50
	25	LOW	QPSK	20.35	20.99	20.61	21.11	20.77	21.50
		MID	QPSK	20.71	20.80	20.65	20.81	20.43	21.50
		HIGH	QPSK	20.57	20.59	20.80	20.71	20.64	21.50
50	LOW	QPSK	20.70	20.70	20.76	20.68	20.63	21.50	
10	1	LOW	Q16	20.85	20.97	20.88	21.11	20.69	21.50
		MID	Q16	21.06	21.32	20.96	21.20	20.76	21.50
		HIGH	Q16	20.95	21.11	21.10	20.93	21.00	21.50
	25	LOW	Q16	20.48	20.49	20.55	20.52	20.75	21.50
		MID	Q16	20.57	21.04	20.61	21.12	20.57	21.50
		HIGH	Q16	20.64	20.54	20.47	20.74	20.55	21.50
50	LOW	Q16	20.47	20.63	20.79	20.60	20.60	21.50	
10	1	LOW	64QAM	20.73	20.89	20.71	20.74	20.68	21.50
		MID	64QAM	21.04	21.35	20.98	21.21	20.74	21.50
		HIGH	64QAM	21.00	20.99	20.91	21.15	21.01	21.50
	25	LOW	64QAM	20.30	20.55	20.53	20.76	20.83	21.50
		MID	64QAM	20.68	20.92	20.48	20.96	20.66	21.50
		HIGH	64QAM	20.95	20.55	20.46	20.61	20.53	21.50
50	LOW	64QAM	20.68	20.39	20.76	20.56	20.57	21.50	

LTE B41-DSI 4 -Ant.4									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.54	20.93	20.59	20.84	20.53	21.50
		MID	QPSK	20.91	21.00	20.90	20.91	20.83	21.50
		HIGH	QPSK	20.65	20.83	20.54	20.43	20.49	21.50
	36	LOW	QPSK	20.51	20.97	20.67	21.14	20.67	21.50
		MID	QPSK	20.49	20.75	20.79	20.74	20.60	21.50
		HIGH	QPSK	20.50	20.85	20.72	20.69	20.79	21.50
	75	LOW	QPSK	20.89	20.79	20.65	20.77	20.64	21.50
15	1	LOW	Q16	20.76	20.95	20.78	21.06	20.59	21.50
		MID	Q16	21.14	21.37	21.02	21.20	20.86	21.50
		HIGH	Q16	20.74	21.14	20.99	20.90	20.94	21.50
	36	LOW	Q16	20.54	20.59	20.53	20.65	20.70	21.50
		MID	Q16	20.51	20.91	20.73	21.15	20.68	21.50
		HIGH	Q16	20.89	20.68	20.48	20.69	20.50	21.50
	75	LOW	Q16	20.66	20.61	20.72	20.54	20.66	21.50
15	1	LOW	64QAM	20.85	20.94	20.79	20.85	20.74	21.50
		MID	64QAM	20.92	21.47	20.82	21.22	20.94	21.50
		HIGH	64QAM	21.06	21.13	21.03	20.83	20.85	21.50
	36	LOW	64QAM	20.53	20.75	20.64	20.76	20.73	21.50
		MID	64QAM	20.61	20.76	20.43	21.12	20.55	21.50
		HIGH	64QAM	20.94	20.58	20.34	20.69	20.44	21.50
	75	LOW	64QAM	20.74	20.40	20.58	20.45	20.82	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.54	20.85	20.60	20.83	20.51	21.50
		MID	QPSK	21.00	20.98	20.78	20.93	20.77	21.50
		HIGH	QPSK	20.63	20.69	20.68	20.58	20.54	21.50
	50	LOW	QPSK	20.44	20.77	20.72	20.70	20.66	21.50
		MID	QPSK	20.86	20.76	20.66	20.84	20.54	21.50
		HIGH	QPSK	20.62	20.70	20.73	20.72	20.72	21.50
100	LOW	QPSK	20.76	20.67	20.66	20.77	20.76	21.50	
20	1	LOW	Q16	20.71	20.90	20.74	21.03	20.72	21.50
		MID	Q16	21.00	21.36	20.90	21.22	20.80	21.50
		HIGH	Q16	20.85	21.03	20.98	20.92	20.87	21.50
	50	LOW	Q16	20.54	20.63	20.67	20.63	20.75	21.50
		MID	Q16	20.58	20.98	20.64	21.03	20.65	21.50
		HIGH	Q16	20.76	20.65	20.49	20.59	20.45	21.50
100	LOW	Q16	20.61	20.63	20.74	20.49	20.75	21.50	
20	1	LOW	64QAM	20.82	20.83	20.76	20.89	20.73	21.50
		MID	64QAM	20.91	21.41	20.95	21.32	20.80	21.50
		HIGH	64QAM	20.91	21.11	20.91	21.04	21.04	21.50
	50	LOW	64QAM	20.45	20.69	20.59	20.71	20.71	21.50
		MID	64QAM	20.66	20.82	20.46	20.98	20.52	21.50
		HIGH	64QAM	20.87	20.51	20.44	20.66	20.40	21.50
100	LOW	64QAM	20.67	20.44	20.63	20.45	20.70	21.50	

8.4.1 LTE Band7 CA Output Power

LTE Uplink 2CA_Band 7-Ant.4 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	25.38	25.5
21100	21298	20	QPSK	1	High	1	Low	2	25.36	25.5
21350	21152	20	QPSK	1	Low	1	High	2	25.26	25.5

LTE Uplink 2CA_Band 7-Ant.4-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	18.23	18.5
21100	21298	20	QPSK	1	High	1	Low	2	18.26	18.5
21350	21152	20	QPSK	1	Low	1	High	2	18.32	18.5

LTE Uplink 2CA_Band 7-Ant.4-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.42	24.5
21100	21298	20	QPSK	1	High	1	Low	2	23.55	24.5
21350	21152	20	QPSK	1	Low	1	High	2	23.56	24.5

LTE Uplink 2CA_Band 7-Ant.4-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.42	24.5
21100	21298	20	QPSK	1	High	1	Low	2	23.55	24.5
21350	21152	20	QPSK	1	Low	1	High	2	23.56	24.5

LTE Uplink 2CA_Band 7-Ant.4-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	18.23	18.5
21100	21298	20	QPSK	1	High	1	Low	2	18.26	18.5
21350	21152	20	QPSK	1	Low	1	High	2	18.32	18.5

LTE Uplink 2CA_Band 7-Ant.1 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	25.28	25.5
21100	21298	20	QPSK	1	High	1	Low	2	25.37	25.5
21350	21152	20	QPSK	1	Low	1	High	2	25.44	25.5

LTE Uplink 2CA_Band 7-Ant.1-DS11										
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	25.28	25.5
21100	21298	20	QPSK	1	High	1	Low	2	25.37	25.5
21350	21152	20	QPSK	1	Low	1	High	2	25.44	25.5

LTE Uplink 2CA_Band 7-Ant.1-DS12										
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	22.88	23
21100	21298	20	QPSK	1	High	1	Low	2	22.75	23
21350	21152	20	QPSK	1	Low	1	High	2	22.65	23

LTE Uplink 2CA_Band 7-Ant.1-DS13										
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	18.55	19.5
21100	21298	20	QPSK	1	High	1	Low	2	18.78	19.5
21350	21152	20	QPSK	1	Low	1	High	2	18.63	19.5

LTE Uplink 2CA_Band 7-Ant.1-DS14										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	17.46	18.5
21100	21298	20	QPSK	1	High	1	Low	2	17.52	18.5
21350	21152	20	QPSK	1	Low	1	High	2	17.63	18.5

8.4.2 LTE Band38 CA Output Power

LTE Uplink 2CA_Band 38-Ant.4-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	25.42	25.5
38099	37901	20	QPSK	1	Low	1	High	2	25.38	25.5
38150	37952	20	QPSK	1	Low	1	High	2	25.33	25.5

LTE Uplink 2CA_Band 38-Ant.4-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.66	21.5
38099	37901	20	QPSK	1	Low	1	High	2	20.63	21.5
38150	37952	20	QPSK	1	Low	1	High	2	20.55	21.5

LTE Uplink 2CA_Band 38-Ant.4-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	25.42	25.5
38099	37901	20	QPSK	1	Low	1	High	2	25.38	25.5
38150	37952	20	QPSK	1	Low	1	High	2	25.33	25.5

LTE Uplink 2CA_Band 38-Ant.4-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	25.42	25.5
38099	37901	20	QPSK	1	Low	1	High	2	25.38	25.5
38150	37952	20	QPSK	1	Low	1	High	2	25.33	25.5

LTE Uplink 2CA_Band 38-Ant.4-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.66	21.5
38099	37901	20	QPSK	1	Low	1	High	2	20.63	21.5
38150	37952	20	QPSK	1	Low	1	High	2	20.55	21.5

LTE Uplink 2CA_Band 38-Ant.1-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	24.86	25.5
38099	37901	20	QPSK	1	Low	1	High	2	24.92	25.5
38150	37952	20	QPSK	1	Low	1	High	2	24.88	25.5

LTE Uplink 2CA_Band 38-Ant.1-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.86	25.5
38099	37901	20	QPSK	1	Low	1	High	2	24.92	25.5
38150	37952	20	QPSK	1	Low	1	High	2	24.88	25.5

LTE Uplink 2CA_Band 38-Ant.1-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	24.62	24.5
38099	37901	20	QPSK	1	Low	1	High	2	24.78	24.5
38150	37952	20	QPSK	1	Low	1	High	2	24.6	24.5

LTE Uplink 2CA_Band 38-Ant.1-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.74	21.5
38099	37901	20	QPSK	1	Low	1	High	2	20.81	21.5
38150	37952	20	QPSK	1	Low	1	High	2	20.63	21.5

LTE Uplink 2CA_Band 38-Ant.1-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.74	21.5
38099	37901	20	QPSK	1	Low	1	High	2	20.81	21.5
38150	37952	20	QPSK	1	Low	1	High	2	20.63	21.5

8.4.3 LTE Band41 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	25.25	25.5
40185	40383	20	QPSK	1	High	1	Low	2	25.18	25.5
40620	40818	20	QPSK	1	High	1	Low	2	25.58	25.5
41055	40857	20	QPSK	1	High	1	Low	2	25.33	25.5
41490	41292	20	QPSK	1	Low	1	High	2	25.42	25.5

LTE Uplink 2CA_ Band 41-ANT4-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	19.77	20.5
40185	40383	20	QPSK	1	High	1	Low	2	19.66	20.5
40620	40818	20	QPSK	1	High	1	Low	2	19.71	20.5
41055	40857	20	QPSK	1	High	1	Low	2	19.61	20.5
41490	41292	20	QPSK	1	Low	1	High	2	19.65	20.5

LTE Uplink 2CA_ Band 41-ANT4-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	25.25	25.5
40185	40383	20	QPSK	1	High	1	Low	2	25.18	25.5
40620	40818	20	QPSK	1	High	1	Low	2	25.58	25.5
41055	40857	20	QPSK	1	High	1	Low	2	25.33	25.5
41490	41292	20	QPSK	1	Low	1	High	2	25.42	25.5

LTE Uplink 2CA_ Band 41-ANT1-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	25.25	25.5
40185	40383	20	QPSK	1	High	1	Low	2	25.18	25.5
40620	40818	20	QPSK	1	High	1	Low	2	25.58	25.5
41055	40857	20	QPSK	1	High	1	Low	2	25.33	25.5
41490	41292	20	QPSK	1	Low	1	High	2	25.42	25.5

LTE Uplink 2CA_ Band 41-ANT1-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	21.25	21.5
40185	40383	20	QPSK	1	High	1	Low	2	21.34	21.5
40620	40818	20	QPSK	1	High	1	Low	2	21.32	21.5
41055	40857	20	QPSK	1	High	1	Low	2	21.22	21.5
41490	41292	20	QPSK	1	Low	1	High	2	21.34	21.5

LTE Uplink 2CA_ Band 41-ANT1-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	25.58	25.5
40185	40383	20	QPSK	1	High	1	Low	2	25.22	25.5
40620	40818	20	QPSK	1	High	1	Low	2	25.62	25.5
41055	40857	20	QPSK	1	High	1	Low	2	25.34	25.5
41490	41292	20	QPSK	1	Low	1	High	2	25.66	25.5

LTE Uplink 2CA_ Band 41-ANT1-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	25.58	25.5
40185	40383	20	QPSK	1	High	1	Low	2	25.22	25.5
40620	40818	20	QPSK	1	High	1	Low	2	25.62	25.5
41055	40857	20	QPSK	1	High	1	Low	2	25.34	25.5
41490	41292	20	QPSK	1	Low	1	High	2	25.66	25.5

LTE Uplink 2CA_ Band 41-ANT1-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	24.56	24.5
40185	40383	20	QPSK	1	High	1	Low	2	24.42	24.5
40620	40818	20	QPSK	1	High	1	Low	2	24.57	24.5
41055	40857	20	QPSK	1	High	1	Low	2	24.38	24.5
41490	41292	20	QPSK	1	Low	1	High	2	24.62	24.5

LTE Uplink 2CA_ Band 41-ANT0-DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	20.78	21.5
40185	40383	20	QPSK	1	High	1	Low	2	20.82	21.5
40620	40818	20	QPSK	1	High	1	Low	2	20.71	21.5
41055	40857	20	QPSK	1	High	1	Low	2	20.74	21.5
41490	41292	20	QPSK	1	Low	1	High	2	20.59	21.5

LTE Uplink 2CA_ Band 41-ANT0-DSI4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	20.78	21.5
40185	40383	20	QPSK	1	High	1	Low	2	20.82	21.5
40620	40818	20	QPSK	1	High	1	Low	2	20.71	21.5
41055	40857	20	QPSK	1	High	1	Low	2	20.74	21.5
41490	41292	20	QPSK	1	Low	1	High	2	20.59	21.5