

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

GSM-Full Power-Ant.1									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.54	32.52	32.51	33.20	9.19	23.35	23.33	23.32	24.01
GPRS (GMSK, 1-Slot)	32.52	32.50	32.47	33.50	9.19	23.33	23.31	23.28	24.31
GPRS (GMSK, 2-Slots)	30.84	30.85	30.78	31.00	6.13	24.71	24.72	24.65	24.87
GPRS (GMSK, 3-Slots)	28.61	28.55	28.52	28.70	4.42	24.19	24.13	24.10	24.28
GPRS (GMSK, 4-Slots)	27.52	27.46	27.43	28.00	3.18	24.34	24.28	24.25	24.82
EGPRS (8PSK, 1-Slot)	26.33	26.34	26.39	27.50	9.19	17.14	17.15	17.20	18.31
EGPRS (8PSK, 2-Slots)	24.91	24.98	24.96	25.00	6.13	18.78	18.85	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.68	22.69	22.65	22.70	4.42	18.26	18.27	18.23	18.28
EGPRS (8PSK, 4-Slots)	21.62	21.62	21.62	22.00	3.18	18.44	18.44	18.44	18.82
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.46	32.46	32.54	33.20	9.19	23.27	23.27	23.35	24.01
GPRS (GMSK, 1-Slot)	32.46	32.46	32.52	33.50	9.19	23.27	23.27	23.33	24.31
GPRS (GMSK, 2-Slots)	30.77	30.83	30.83	31.00	6.13	24.64	24.70	24.70	24.87
GPRS (GMSK, 3-Slots)	28.50	28.52	28.59	28.70	4.42	24.08	24.10	24.17	24.28
GPRS (GMSK, 4-Slots)	27.40	27.45	27.53	28.00	3.18	24.22	24.27	24.35	24.82
EGPRS (8PSK, 1-Slot)	26.23	26.61	26.63	27.50	9.19	17.04	17.42	17.44	18.31
EGPRS (8PSK, 2-Slots)	24.89	24.76	24.96	25.00	6.13	18.76	18.63	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.52	22.56	22.55	22.70	4.42	18.10	18.14	18.13	18.28
EGPRS (8PSK, 4-Slots)	21.66	21.66	21.68	22.00	3.18	18.48	18.48	18.50	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.24	29.25	29.37	30.20	9.19	20.05	20.06	20.18	21.01
GPRS (GMSK, 1-Slot)	29.24	29.23	29.35	30.20	9.19	20.05	20.04	20.16	21.01
GPRS (GMSK, 2-Slots)	27.17	27.14	27.17	27.20	6.13	21.04	21.01	21.04	21.07
GPRS (GMSK, 3-Slots)	25.27	25.33	25.35	25.40	4.42	20.85	20.91	20.93	20.98
GPRS (GMSK, 4-Slots)	24.20	24.39	24.38	24.70	3.18	21.02	21.21	21.20	21.52
EGPRS (8PSK, 1-Slot)	25.10	24.97	25.05	25.70	9.19	15.91	15.78	15.86	16.51
EGPRS (8PSK, 2-Slots)	23.71	23.56	23.60	24.20	6.13	17.58	17.43	17.47	18.07
EGPRS (8PSK, 3-Slots)	21.27	21.22	21.30	21.90	4.42	16.85	16.80	16.88	17.48
EGPRS (8PSK, 4-Slots)	19.94	19.97	20.36	21.20	3.18	16.76	16.79	17.18	18.02

GSM-Level 1-Ant.1									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	31.06	31.07	31.01	31.20	9.19	21.87	21.88	21.82	22.01
GPRS (GMSK, 1-Slot)	31.01	31.00	30.95	31.50	9.19	21.82	21.81	21.76	22.31
GPRS (GMSK, 2-Slots)	28.75	28.75	28.71	29.00	6.13	22.62	22.62	22.58	22.87
GPRS (GMSK, 3-Slots)	26.64	26.63	26.58	26.70	4.42	22.22	22.21	22.16	22.28
GPRS (GMSK, 4-Slots)	25.54	25.53	25.51	26.00	3.18	22.36	22.35	22.33	22.82
EGPRS (8PSK, 1-Slot)	24.40	24.36	24.20	25.50	9.19	15.21	15.17	15.01	16.31
EGPRS (8PSK, 2-Slots)	22.97	22.91	23.00	23.00	6.13	16.84	16.78	16.87	16.87
EGPRS (8PSK, 3-Slots)	20.66	20.67	20.65	20.70	4.42	16.24	16.25	16.23	16.28
EGPRS (8PSK, 4-Slots)	19.50	19.48	19.43	20.00	3.18	16.32	16.30	16.25	16.82
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	30.09	30.10	30.14	30.20	9.19	20.90	20.91	20.95	21.01
GPRS (GMSK, 1-Slot)	30.11	30.10	30.14	30.50	9.19	20.92	20.91	20.95	21.31
GPRS (GMSK, 2-Slots)	27.96	27.98	27.94	28.00	6.13	21.83	21.85	21.81	21.87
GPRS (GMSK, 3-Slots)	25.80	25.84	25.88	26.20	4.42	21.38	21.42	21.46	21.78
GPRS (GMSK, 4-Slots)	24.63	24.68	24.73	25.00	3.18	21.45	21.50	21.55	21.82
EGPRS (8PSK, 1-Slot)	23.37	23.33	23.46	24.50	9.19	14.18	14.14	14.27	15.31
EGPRS (8PSK, 2-Slots)	22.12	21.96	22.20	22.50	6.13	15.99	15.83	16.07	16.37
EGPRS (8PSK, 3-Slots)	19.75	19.68	19.71	20.20	4.42	15.33	15.26	15.29	15.78
EGPRS (8PSK, 4-Slots)	18.64	18.54	18.76	19.00	3.18	15.46	15.36	15.58	15.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	23.95	23.95	24.20	24.20	9.19	14.76	14.76	15.01	15.01
GPRS (GMSK, 1-Slot)	23.93	23.94	24.17	24.20	9.19	14.74	14.75	14.98	15.01
GPRS (GMSK, 2-Slots)	21.82	21.94	21.92	22.20	6.13	15.69	15.81	15.79	16.07
GPRS (GMSK, 3-Slots)	20.18	20.21	20.39	20.90	4.42	15.76	15.79	15.97	16.48
GPRS (GMSK, 4-Slots)	18.55	18.59	18.67	18.70	3.18	15.37	15.41	15.49	15.52
EGPRS (8PSK, 1-Slot)	19.02	19.06	19.09	19.70	9.19	9.83	9.87	9.90	10.51
EGPRS (8PSK, 2-Slots)	17.54	17.73	17.74	18.20	6.13	11.41	11.60	11.61	12.07
EGPRS (8PSK, 3-Slots)	15.10	15.23	15.34	15.90	4.42	10.68	10.81	10.92	11.48
EGPRS (8PSK, 4-Slots)	13.93	13.98	13.99	15.20	3.18	10.75	10.80	10.81	12.02

GSM-Level 2&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)	30.58	30.57	30.54	30.70	21.39	21.38	21.35	21.51
GPRS (GMSK, 1-Slot)	30.54	30.55	30.50	31.00	21.35	21.36	21.31	21.81
GPRS (GMSK, 2-Slots)	28.37	28.38	28.31	28.50	22.24	22.25	22.18	22.37
GPRS (GMSK, 3-Slots)	26.18	26.18	26.17	26.20	21.76	21.76	21.75	21.78
GPRS (GMSK, 4-Slots)	25.09	25.08	25.06	25.50	21.91	21.90	21.88	22.32
EGPRS (8PSK, 1-Slot)	23.71	23.84	24.21	25.00	14.52	14.65	15.02	15.81
EGPRS (8PSK, 2-Slots)	22.47	22.49	22.44	22.50	16.34	16.36	16.31	16.37
EGPRS (8PSK, 3-Slots)	20.20	20.12	20.13	20.20	15.78	15.70	15.71	15.78
EGPRS (8PSK, 4-Slots)	19.11	19.01	19.06	19.50	15.93	15.83	15.88	16.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124		975	38	124	
GSM (GMSK, 1-Slot)	28.99	29.01	29.06	29.20	19.80	19.82	19.87	20.01
GPRS (GMSK, 1-Slot)	29.00	29.02	29.05	29.50	19.81	19.83	19.86	20.31
GPRS (GMSK, 2-Slots)	26.89	26.92	26.95	27.00	20.76	20.79	20.82	20.87
GPRS (GMSK, 3-Slots)	24.77	24.87	24.86	25.70	20.35	20.45	20.44	21.28
GPRS (GMSK, 4-Slots)	23.71	23.78	23.81	24.00	20.53	20.60	20.63	20.82
EGPRS (8PSK, 1-Slot)	22.37	22.29	22.41	23.50	13.18	13.10	13.22	14.31
EGPRS (8PSK, 2-Slots)	21.21	21.02	21.22	22.00	15.08	14.89	15.09	15.87
EGPRS (8PSK, 3-Slots)	18.92	18.71	18.92	19.70	14.50	14.29	14.50	15.28
EGPRS (8PSK, 4-Slots)	17.70	17.54	17.73	18.00	14.52	14.36	14.55	14.82
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)	23.01	22.98	23.11	23.20	13.82	13.79	13.92	14.01
GPRS (GMSK, 1-Slot)	23.02	22.98	22.97	23.20	13.83	13.79	13.78	14.01
GPRS (GMSK, 2-Slots)	20.85	20.98	20.96	21.20	14.72	14.85	14.83	15.07
GPRS (GMSK, 3-Slots)	19.19	19.23	19.33	19.90	14.77	14.81	14.91	15.48
GPRS (GMSK, 4-Slots)	17.52	17.57	17.55	17.70	14.34	14.39	14.37	14.52
EGPRS (8PSK, 1-Slot)	17.94	18.24	18.06	18.70	8.75	9.05	8.87	9.51
EGPRS (8PSK, 2-Slots)	16.66	16.68	16.72	17.20	10.53	10.55	10.59	11.07
EGPRS (8PSK, 3-Slots)	14.24	14.28	14.27	14.90	9.82	9.86	9.85	10.48
EGPRS (8PSK, 4-Slots)	12.90	13.01	13.00	14.20	9.72	9.83	9.82	11.02

GSM-Level4-off-Ant.1									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.54	32.52	32.51	33.20	9.19	23.35	23.33	23.32	24.01
GPRS (GMSK, 1-Slot)	32.52	32.50	32.47	33.50	9.19	23.33	23.31	23.28	24.31
GPRS (GMSK, 2-Slots)	30.84	30.85	30.78	31.00	6.13	24.71	24.72	24.65	24.87
GPRS (GMSK, 3-Slots)	28.61	28.55	28.52	28.70	4.42	24.19	24.13	24.10	24.28
GPRS (GMSK, 4-Slots)	27.52	27.46	27.43	28.00	3.18	24.34	24.28	24.25	24.82
EGPRS (8PSK, 1-Slot)	26.33	26.34	26.39	27.50	9.19	17.14	17.15	17.20	18.31
EGPRS (8PSK, 2-Slots)	24.91	24.98	24.96	25.00	6.13	18.78	18.85	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.68	22.69	22.65	22.70	4.42	18.26	18.27	18.23	18.28
EGPRS (8PSK, 4-Slots)	21.62	21.62	21.62	22.00	3.18	18.44	18.44	18.44	18.82
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.46	32.46	32.54	33.20	9.19	23.27	23.27	23.35	24.01
GPRS (GMSK, 1-Slot)	32.46	32.46	32.52	33.50	9.19	23.27	23.27	23.33	24.31
GPRS (GMSK, 2-Slots)	30.77	30.83	30.83	31.00	6.13	24.64	24.70	24.70	24.87
GPRS (GMSK, 3-Slots)	28.50	28.52	28.59	28.70	4.42	24.08	24.10	24.17	24.28
GPRS (GMSK, 4-Slots)	27.40	27.45	27.53	28.00	3.18	24.22	24.27	24.35	24.82
EGPRS (8PSK, 1-Slot)	26.23	26.61	26.63	27.50	9.19	17.04	17.42	17.44	18.31
EGPRS (8PSK, 2-Slots)	24.89	24.76	24.96	25.00	6.13	18.76	18.63	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.52	22.56	22.55	22.70	4.42	18.10	18.14	18.13	18.28
EGPRS (8PSK, 4-Slots)	21.66	21.66	21.68	22.00	3.18	18.48	18.48	18.50	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.24	29.25	29.37	30.20	9.19	20.05	20.06	20.18	21.01
GPRS (GMSK, 1-Slot)	29.24	29.23	29.35	30.20	9.19	20.05	20.04	20.16	21.01
GPRS (GMSK, 2-Slots)	27.17	27.14	27.17	27.20	6.13	21.04	21.01	21.04	21.07
GPRS (GMSK, 3-Slots)	25.27	25.33	25.35	25.40	4.42	20.85	20.91	20.93	20.98
GPRS (GMSK, 4-Slots)	24.20	24.39	24.38	24.70	3.18	21.02	21.21	21.20	21.52
EGPRS (8PSK, 1-Slot)	25.10	24.97	25.05	25.70	9.19	15.91	15.78	15.86	16.51
EGPRS (8PSK, 2-Slots)	23.71	23.56	23.60	24.20	6.13	17.58	17.43	17.47	18.07
EGPRS (8PSK, 3-Slots)	21.27	21.22	21.30	21.90	4.42	16.85	16.80	16.88	17.48
EGPRS (8PSK, 4-Slots)	19.94	19.97	20.36	21.20	3.18	16.76	16.79	17.18	18.02

GSM-Level 4-on2 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)	32.54	32.52	32.51	33.20	23.35	23.33	23.32	24.01
GPRS (GMSK, 1-Slot)	32.52	32.50	32.47	33.50	23.33	23.31	23.28	24.31
GPRS (GMSK, 2-Slots)	30.84	30.85	30.78	31.00	24.71	24.72	24.65	24.87
GPRS (GMSK, 3-Slots)	28.61	28.55	28.52	28.70	24.19	24.13	24.10	24.28
GPRS (GMSK, 4-Slots)	27.52	27.46	27.43	28.00	24.34	24.28	24.25	24.82
EGPRS (8PSK, 1-Slot)	26.33	26.34	26.39	27.50	17.14	17.15	17.20	18.31
EGPRS (8PSK, 2-Slots)	24.91	24.98	24.96	25.00	18.78	18.85	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.68	22.69	22.65	22.70	18.26	18.27	18.23	18.28
EGPRS (8PSK, 4-Slots)	21.62	21.62	21.62	22.00	18.44	18.44	18.44	18.82
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124		975	38	124	
GSM (GMSK, 1-Slot)	32.46	32.46	32.54	33.20	23.27	23.27	23.35	24.01
GPRS (GMSK, 1-Slot)	32.46	32.46	32.52	33.50	23.27	23.27	23.33	24.31
GPRS (GMSK, 2-Slots)	30.77	30.83	30.83	31.00	24.64	24.70	24.70	24.87
GPRS (GMSK, 3-Slots)	28.50	28.52	28.59	28.70	24.08	24.10	24.17	24.28
GPRS (GMSK, 4-Slots)	27.40	27.45	27.53	28.00	24.22	24.27	24.35	24.82
EGPRS (8PSK, 1-Slot)	26.23	26.61	26.63	27.50	17.04	17.42	17.44	18.31
EGPRS (8PSK, 2-Slots)	24.89	24.76	24.96	25.00	18.76	18.63	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.52	22.56	22.55	22.70	18.10	18.14	18.13	18.28
EGPRS (8PSK, 4-Slots)	21.66	21.66	21.68	22.00	18.48	18.48	18.50	18.82
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)	28.35	28.34	28.55	28.70	19.16	19.15	19.36	19.51
GPRS (GMSK, 1-Slot)	28.33	28.33	28.54	28.70	19.14	19.14	19.35	19.51
GPRS (GMSK, 2-Slots)	26.28	26.39	26.38	26.70	20.15	20.26	20.25	20.57
GPRS (GMSK, 3-Slots)	24.61	24.56	24.58	24.90	20.19	20.14	20.16	20.48
GPRS (GMSK, 4-Slots)	22.95	22.90	23.14	23.20	19.77	19.72	19.96	20.02
EGPRS (8PSK, 1-Slot)	23.65	23.43	24.02	24.20	14.46	14.24	14.83	15.01
EGPRS (8PSK, 2-Slots)	22.00	22.02	22.18	22.70	15.87	15.89	16.05	16.57
EGPRS (8PSK, 3-Slots)	19.75	19.78	19.71	20.40	15.33	15.36	15.29	15.98
EGPRS (8PSK, 4-Slots)	18.43	18.84	18.38	19.70	15.25	15.66	15.20	16.52

GSM-Level5&6-off-Ant.1									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.54	32.52	32.51	33.20	9.19	23.35	23.33	23.32	24.01
GPRS (GMSK, 1-Slot)	32.52	32.50	32.47	33.50	9.19	23.33	23.31	23.28	24.31
GPRS (GMSK, 2-Slots)	30.84	30.85	30.78	31.00	6.13	24.71	24.72	24.65	24.87
GPRS (GMSK, 3-Slots)	28.61	28.55	28.52	28.70	4.42	24.19	24.13	24.10	24.28
GPRS (GMSK, 4-Slots)	27.52	27.46	27.43	28.00	3.18	24.34	24.28	24.25	24.82
EGPRS (8PSK, 1-Slot)	26.33	26.34	26.39	27.50	9.19	17.14	17.15	17.20	18.31
EGPRS (8PSK, 2-Slots)	24.91	24.98	24.96	25.00	6.13	18.78	18.85	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.68	22.69	22.65	22.70	4.42	18.26	18.27	18.23	18.28
EGPRS (8PSK, 4-Slots)	21.62	21.62	21.62	22.00	3.18	18.44	18.44	18.44	18.82
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.46	32.46	32.54	33.20	9.19	23.27	23.27	23.35	24.01
GPRS (GMSK, 1-Slot)	32.46	32.46	32.52	33.50	9.19	23.27	23.27	23.33	24.31
GPRS (GMSK, 2-Slots)	30.77	30.83	30.83	31.00	6.13	24.64	24.70	24.70	24.87
GPRS (GMSK, 3-Slots)	28.50	28.52	28.59	28.70	4.42	24.08	24.10	24.17	24.28
GPRS (GMSK, 4-Slots)	27.40	27.45	27.53	28.00	3.18	24.22	24.27	24.35	24.82
EGPRS (8PSK, 1-Slot)	26.23	26.61	26.63	27.50	9.19	17.04	17.42	17.44	18.31
EGPRS (8PSK, 2-Slots)	24.89	24.76	24.96	25.00	6.13	18.76	18.63	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.52	22.56	22.55	22.70	4.42	18.10	18.14	18.13	18.28
EGPRS (8PSK, 4-Slots)	21.66	21.66	21.68	22.00	3.18	18.48	18.48	18.50	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.24	29.25	29.37	30.20	9.19	20.05	20.06	20.18	21.01
GPRS (GMSK, 1-Slot)	29.24	29.23	29.35	30.20	9.19	20.05	20.04	20.16	21.01
GPRS (GMSK, 2-Slots)	27.17	27.14	27.17	27.20	6.13	21.04	21.01	21.04	21.07
GPRS (GMSK, 3-Slots)	25.27	25.33	25.35	25.40	4.42	20.85	20.91	20.93	20.98
GPRS (GMSK, 4-Slots)	24.20	24.39	24.38	24.70	3.18	21.02	21.21	21.20	21.52
EGPRS (8PSK, 1-Slot)	25.10	24.97	25.05	25.70	9.19	15.91	15.78	15.86	16.51
EGPRS (8PSK, 2-Slots)	23.71	23.56	23.60	24.20	6.13	17.58	17.43	17.47	18.07
EGPRS (8PSK, 3-Slots)	21.27	21.22	21.30	21.90	4.42	16.85	16.80	16.88	17.48
EGPRS (8PSK, 4-Slots)	19.94	19.97	20.36	21.20	3.18	16.76	16.79	17.18	18.02

GSM-Level 5&6-on2-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)	32.54	32.52	32.51	33.20	23.35	23.33	23.32	24.01
GPRS (GMSK, 1-Slot)	32.52	32.50	32.47	33.50	23.33	23.31	23.28	24.31
GPRS (GMSK, 2-Slots)	30.84	30.85	30.78	31.00	24.71	24.72	24.65	24.87
GPRS (GMSK, 3-Slots)	28.61	28.55	28.52	28.70	24.19	24.13	24.10	24.28
GPRS (GMSK, 4-Slots)	27.52	27.46	27.43	28.00	24.34	24.28	24.25	24.82
EGPRS (8PSK, 1-Slot)	26.33	26.34	26.39	27.50	17.14	17.15	17.20	18.31
EGPRS (8PSK, 2-Slots)	24.91	24.98	24.96	25.00	18.78	18.85	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.68	22.69	22.65	22.70	18.26	18.27	18.23	18.28
EGPRS (8PSK, 4-Slots)	21.62	21.62	21.62	22.00	18.44	18.44	18.44	18.82
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124		975	38	124	
GSM (GMSK, 1-Slot)	32.46	32.46	32.54	33.20	23.27	23.27	23.35	24.01
GPRS (GMSK, 1-Slot)	32.46	32.46	32.52	33.50	23.27	23.27	23.33	24.31
GPRS (GMSK, 2-Slots)	30.77	30.83	30.83	31.00	24.64	24.70	24.70	24.87
GPRS (GMSK, 3-Slots)	28.50	28.52	28.59	28.70	24.08	24.10	24.17	24.28
GPRS (GMSK, 4-Slots)	27.40	27.45	27.53	28.00	24.22	24.27	24.35	24.82
EGPRS (8PSK, 1-Slot)	26.23	26.61	26.63	27.50	17.04	17.42	17.44	18.31
EGPRS (8PSK, 2-Slots)	24.89	24.76	24.96	25.00	18.76	18.63	18.83	18.87
EGPRS (8PSK, 3-Slots)	22.52	22.56	22.55	22.70	18.10	18.14	18.13	18.28
EGPRS (8PSK, 4-Slots)	21.66	21.66	21.68	22.00	18.48	18.48	18.50	18.82
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)	27.95	27.93	28.14	28.20	18.76	18.74	18.95	19.01
GPRS (GMSK, 1-Slot)	27.96	27.93	28.15	28.20	18.77	18.74	18.96	19.01
GPRS (GMSK, 2-Slots)	25.74	25.82	25.80	26.20	19.61	19.69	19.67	20.07
GPRS (GMSK, 3-Slots)	24.09	24.08	24.27	24.90	19.67	19.66	19.85	20.48
GPRS (GMSK, 4-Slots)	22.42	22.43	22.36	22.70	19.24	19.25	19.18	19.52
EGPRS (8PSK, 1-Slot)	23.35	23.50	23.19	23.70	14.16	14.31	14.00	14.51
EGPRS (8PSK, 2-Slots)	21.76	21.68	21.73	22.20	15.63	15.55	15.60	16.07
EGPRS (8PSK, 3-Slots)	19.40	19.39	19.46	19.90	14.98	14.97	15.04	15.48
EGPRS (8PSK, 4-Slots)	18.01	18.07	18.16	19.20	14.83	14.89	14.98	16.02

GSM-Full Power-Ant.0									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.94	32.92	32.89	33.50	9.19	23.75	23.73	23.70	24.31
GPRS (GMSK, 1-Slot)	32.92	32.89	32.85	33.50	9.19	23.73	23.70	23.66	24.31
GPRS (GMSK, 2-Slots)	30.88	30.89	30.79	31.50	6.13	24.75	24.76	24.66	25.37
GPRS (GMSK, 3-Slots)	29.08	29.01	28.97	29.70	4.42	24.66	24.59	24.55	25.28
GPRS (GMSK, 4-Slots)	27.82	27.93	27.89	28.50	3.18	24.64	24.75	24.71	25.32
EGPRS (8PSK, 1-Slot)	26.71	26.65	26.72	28.00	9.19	17.52	17.46	17.53	18.81
EGPRS (8PSK, 2-Slots)	25.51	25.38	25.32	26.00	6.13	19.38	19.25	19.19	19.87
EGPRS (8PSK, 3-Slots)	23.25	23.13	23.20	24.00	4.42	18.83	18.71	18.78	19.58
EGPRS (8PSK, 4-Slots)	22.11	22.07	22.02	23.50	3.18	18.93	18.89	18.84	20.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.77	32.75	32.82	33.50	9.19	23.58	23.56	23.63	24.31
GPRS (GMSK, 1-Slot)	32.74	32.73	32.80	33.50	9.19	23.55	23.54	23.61	24.31
GPRS (GMSK, 2-Slots)	30.81	30.89	30.87	31.50	6.13	24.68	24.76	24.74	25.37
GPRS (GMSK, 3-Slots)	28.84	28.87	28.96	29.70	4.42	24.42	24.45	24.54	25.28
GPRS (GMSK, 4-Slots)	27.78	27.81	27.91	28.50	3.18	24.60	24.63	24.73	25.32
EGPRS (8PSK, 1-Slot)	26.79	26.55	27.04	28.00	9.19	17.60	17.36	17.85	18.81
EGPRS (8PSK, 2-Slots)	25.41	25.58	25.46	26.00	6.13	19.28	19.45	19.33	19.87
EGPRS (8PSK, 3-Slots)	23.33	23.64	23.34	24.00	4.42	18.91	19.22	18.92	19.58
EGPRS (8PSK, 4-Slots)	22.00	22.37	22.11	23.50	3.18	18.82	19.19	18.93	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.93	29.95	30.02	30.50	9.19	20.74	20.76	20.83	21.31
GPRS (GMSK, 1-Slot)	28.73	29.92	30.01	30.50	9.19	19.54	20.73	20.82	21.31
GPRS (GMSK, 2-Slots)	28.24	28.31	28.23	28.50	6.13	22.11	22.18	22.10	22.37
GPRS (GMSK, 3-Slots)	26.47	26.49	26.45	26.70	4.42	22.05	22.07	22.03	22.28
GPRS (GMSK, 4-Slots)	24.38	24.49	24.64	25.00	3.18	21.20	21.31	21.46	21.82
EGPRS (8PSK, 1-Slot)	25.94	25.88	25.91	26.00	9.19	16.75	16.69	16.72	16.81
EGPRS (8PSK, 2-Slots)	24.84	24.80	24.86	25.00	6.13	18.71	18.67	18.73	18.87
EGPRS (8PSK, 3-Slots)	22.41	22.48	22.56	23.00	4.42	17.99	18.06	18.14	18.58
EGPRS (8PSK, 4-Slots)	21.17	21.22	21.19	22.50	3.18	17.99	18.04	18.01	19.32

GSM-Level1-Ant.0									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.94	32.92	32.89	33.50	9.19	23.75	23.73	23.70	24.31
GPRS (GMSK, 1-Slot)	32.92	32.89	32.85	33.50	9.19	23.73	23.70	23.66	24.31
GPRS (GMSK, 2-Slots)	30.88	30.89	30.79	31.50	6.13	24.75	24.76	24.66	25.37
GPRS (GMSK, 3-Slots)	29.08	29.01	28.97	29.70	4.42	24.66	24.59	24.55	25.28
GPRS (GMSK, 4-Slots)	27.82	27.93	27.89	28.50	3.18	24.64	24.75	24.71	25.32
EGPRS (8PSK, 1-Slot)	26.71	26.65	26.72	28.00	9.19	17.52	17.46	17.53	18.81
EGPRS (8PSK, 2-Slots)	25.51	25.38	25.32	26.00	6.13	19.38	19.25	19.19	19.87
EGPRS (8PSK, 3-Slots)	23.25	23.13	23.20	24.00	4.42	18.83	18.71	18.78	19.58
EGPRS (8PSK, 4-Slots)	22.11	22.07	22.02	23.50	3.18	18.93	18.89	18.84	20.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.77	32.75	32.82	33.50	9.19	23.58	23.56	23.63	24.31
GPRS (GMSK, 1-Slot)	32.74	32.73	32.80	33.50	9.19	23.55	23.54	23.61	24.31
GPRS (GMSK, 2-Slots)	30.81	30.89	30.87	31.50	6.13	24.68	24.76	24.74	25.37
GPRS (GMSK, 3-Slots)	28.84	28.87	28.96	29.70	4.42	24.42	24.45	24.54	25.28
GPRS (GMSK, 4-Slots)	27.78	27.81	27.91	28.50	3.18	24.60	24.63	24.73	25.32
EGPRS (8PSK, 1-Slot)	26.79	26.55	27.04	28.00	9.19	17.60	17.36	17.85	18.81
EGPRS (8PSK, 2-Slots)	25.41	25.58	25.46	26.00	6.13	19.28	19.45	19.33	19.87
EGPRS (8PSK, 3-Slots)	23.33	23.64	23.34	24.00	4.42	18.91	19.22	18.92	19.58
EGPRS (8PSK, 4-Slots)	22.00	22.37	22.11	23.50	3.18	18.82	19.19	18.93	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.93	29.95	30.02	30.50	9.19	20.74	20.76	20.83	21.31
GPRS (GMSK, 1-Slot)	28.73	29.92	30.01	30.50	9.19	19.54	20.73	20.82	21.31
GPRS (GMSK, 2-Slots)	28.24	28.31	28.23	28.50	6.13	22.11	22.18	22.10	22.37
GPRS (GMSK, 3-Slots)	26.47	26.49	26.45	26.70	4.42	22.05	22.07	22.03	22.28
GPRS (GMSK, 4-Slots)	24.38	24.49	24.64	25.00	3.18	21.20	21.31	21.46	21.82
EGPRS (8PSK, 1-Slot)	25.94	25.88	25.91	26.00	9.19	16.75	16.69	16.72	16.81
EGPRS (8PSK, 2-Slots)	24.84	24.80	24.86	25.00	6.13	18.71	18.67	18.73	18.87
EGPRS (8PSK, 3-Slots)	22.41	22.48	22.56	23.00	4.42	17.99	18.06	18.14	18.58
EGPRS (8PSK, 4-Slots)	21.17	21.22	21.19	22.50	3.18	17.99	18.04	18.01	19.32

GSM-Level2&3-Ant.0									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.94	32.92	32.89	33.50	9.19	23.75	23.73	23.70	24.31
GPRS (GMSK, 1-Slot)	32.92	32.89	32.85	33.50	9.19	23.73	23.70	23.66	24.31
GPRS (GMSK, 2-Slots)	30.88	30.89	30.79	31.50	6.13	24.75	24.76	24.66	25.37
GPRS (GMSK, 3-Slots)	29.08	29.01	28.97	29.70	4.42	24.66	24.59	24.55	25.28
GPRS (GMSK, 4-Slots)	27.82	27.93	27.89	28.50	3.18	24.64	24.75	24.71	25.32
EGPRS (8PSK, 1-Slot)	26.71	26.65	26.72	28.00	9.19	17.52	17.46	17.53	18.81
EGPRS (8PSK, 2-Slots)	25.51	25.38	25.32	26.00	6.13	19.38	19.25	19.19	19.87
EGPRS (8PSK, 3-Slots)	23.25	23.13	23.20	24.00	4.42	18.83	18.71	18.78	19.58
EGPRS (8PSK, 4-Slots)	22.11	22.07	22.02	23.50	3.18	18.93	18.89	18.84	20.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.77	32.75	32.82	33.50	9.19	23.58	23.56	23.63	24.31
GPRS (GMSK, 1-Slot)	32.74	32.73	32.80	33.50	9.19	23.55	23.54	23.61	24.31
GPRS (GMSK, 2-Slots)	30.81	30.89	30.87	31.50	6.13	24.68	24.76	24.74	25.37
GPRS (GMSK, 3-Slots)	28.84	28.87	28.96	29.70	4.42	24.42	24.45	24.54	25.28
GPRS (GMSK, 4-Slots)	27.78	27.81	27.91	28.50	3.18	24.60	24.63	24.73	25.32
EGPRS (8PSK, 1-Slot)	26.79	26.55	27.04	28.00	9.19	17.60	17.36	17.85	18.81
EGPRS (8PSK, 2-Slots)	25.41	25.58	25.46	26.00	6.13	19.28	19.45	19.33	19.87
EGPRS (8PSK, 3-Slots)	23.33	23.64	23.34	24.00	4.42	18.91	19.22	18.92	19.58
EGPRS (8PSK, 4-Slots)	22.00	22.37	22.11	23.50	3.18	18.82	19.19	18.93	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.93	29.95	30.02	30.50	9.19	20.74	20.76	20.83	21.31
GPRS (GMSK, 1-Slot)	28.73	29.92	30.01	30.50	9.19	19.54	20.73	20.82	21.31
GPRS (GMSK, 2-Slots)	28.24	28.31	28.23	28.50	6.13	22.11	22.18	22.10	22.37
GPRS (GMSK, 3-Slots)	26.47	26.49	26.45	26.70	4.42	22.05	22.07	22.03	22.28
GPRS (GMSK, 4-Slots)	24.38	24.49	24.64	25.00	3.18	21.20	21.31	21.46	21.82
EGPRS (8PSK, 1-Slot)	25.94	25.88	25.91	26.00	9.19	16.75	16.69	16.72	16.81
EGPRS (8PSK, 2-Slots)	24.84	24.80	24.86	25.00	6.13	18.71	18.67	18.73	18.87
EGPRS (8PSK, 3-Slots)	22.41	22.48	22.56	23.00	4.42	17.99	18.06	18.14	18.58
EGPRS (8PSK, 4-Slots)	21.17	21.22	21.19	22.50	3.18	17.99	18.04	18.01	19.32

GSM-Level4-off-Ant.0									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.94	32.92	32.89	33.50	9.19	23.75	23.73	23.70	24.31
GPRS (GMSK, 1-Slot)	32.92	32.89	32.85	33.50	9.19	23.73	23.70	23.66	24.31
GPRS (GMSK, 2-Slots)	30.88	30.89	30.79	31.50	6.13	24.75	24.76	24.66	25.37
GPRS (GMSK, 3-Slots)	29.08	29.01	28.97	29.70	4.42	24.66	24.59	24.55	25.28
GPRS (GMSK, 4-Slots)	27.82	27.93	27.89	28.50	3.18	24.64	24.75	24.71	25.32
EGPRS (8PSK, 1-Slot)	26.71	26.65	26.72	28.00	9.19	17.52	17.46	17.53	18.81
EGPRS (8PSK, 2-Slots)	25.51	25.38	25.32	26.00	6.13	19.38	19.25	19.19	19.87
EGPRS (8PSK, 3-Slots)	23.25	23.13	23.20	24.00	4.42	18.83	18.71	18.78	19.58
EGPRS (8PSK, 4-Slots)	22.11	22.07	22.02	23.50	3.18	18.93	18.89	18.84	20.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.77	32.75	32.82	33.50	9.19	23.58	23.56	23.63	24.31
GPRS (GMSK, 1-Slot)	32.74	32.73	32.80	33.50	9.19	23.55	23.54	23.61	24.31
GPRS (GMSK, 2-Slots)	30.81	30.89	30.87	31.50	6.13	24.68	24.76	24.74	25.37
GPRS (GMSK, 3-Slots)	28.84	28.87	28.96	29.70	4.42	24.42	24.45	24.54	25.28
GPRS (GMSK, 4-Slots)	27.78	27.81	27.91	28.50	3.18	24.60	24.63	24.73	25.32
EGPRS (8PSK, 1-Slot)	26.79	26.55	27.04	28.00	9.19	17.60	17.36	17.85	18.81
EGPRS (8PSK, 2-Slots)	25.41	25.58	25.46	26.00	6.13	19.28	19.45	19.33	19.87
EGPRS (8PSK, 3-Slots)	23.33	23.64	23.34	24.00	4.42	18.91	19.22	18.92	19.58
EGPRS (8PSK, 4-Slots)	22.00	22.37	22.11	23.50	3.18	18.82	19.19	18.93	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.93	29.95	30.02	30.50	9.19	20.74	20.76	20.83	21.31
GPRS (GMSK, 1-Slot)	28.73	29.92	30.01	30.50	9.19	19.54	20.73	20.82	21.31
GPRS (GMSK, 2-Slots)	28.24	28.31	28.23	28.50	6.13	22.11	22.18	22.10	22.37
GPRS (GMSK, 3-Slots)	26.47	26.49	26.45	26.70	4.42	22.05	22.07	22.03	22.28
GPRS (GMSK, 4-Slots)	24.38	24.49	24.64	25.00	3.18	21.20	21.31	21.46	21.82
EGPRS (8PSK, 1-Slot)	25.94	25.88	25.91	26.00	9.19	16.75	16.69	16.72	16.81
EGPRS (8PSK, 2-Slots)	24.84	24.80	24.86	25.00	6.13	18.71	18.67	18.73	18.87
EGPRS (8PSK, 3-Slots)	22.41	22.48	22.56	23.00	4.42	17.99	18.06	18.14	18.58
EGPRS (8PSK, 4-Slots)	21.17	21.22	21.19	22.50	3.18	17.99	18.04	18.01	19.32

GSM-Level4-on1-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.94	32.92	32.89	33.50	23.75	23.73	23.70	24.31
GPRS (GMSK, 1-Slot)	32.92	32.89	32.85	33.50	23.73	23.70	23.66	24.31
GPRS (GMSK, 2-Slots)	30.88	30.89	30.79	31.50	24.75	24.76	24.66	25.37
GPRS (GMSK, 3-Slots)	29.08	29.01	28.97	29.70	24.66	24.59	24.55	25.28
GPRS (GMSK, 4-Slots)	27.82	27.93	27.89	28.50	24.64	24.75	24.71	25.32
EGPRS (8PSK, 1-Slot)	26.71	26.65	26.72	28.00	17.52	17.46	17.53	18.81
EGPRS (8PSK, 2-Slots)	25.51	25.38	25.32	26.00	19.38	19.25	19.19	19.87
EGPRS (8PSK, 3-Slots)	23.25	23.13	23.20	24.00	18.83	18.71	18.78	19.58
EGPRS (8PSK, 4-Slots)	22.11	22.07	22.02	23.50	18.93	18.89	18.84	20.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124		975	38	124	
GSM (GMSK, 1-Slot)	32.77	32.75	32.82	33.50	23.58	23.56	23.63	24.31
GPRS (GMSK, 1-Slot)	32.74	32.73	32.80	33.50	23.55	23.54	23.61	24.31
GPRS (GMSK, 2-Slots)	30.81	30.89	30.87	31.50	24.68	24.76	24.74	25.37
GPRS (GMSK, 3-Slots)	28.84	28.87	28.96	29.70	24.42	24.45	24.54	25.28
GPRS (GMSK, 4-Slots)	27.78	27.81	27.91	28.50	24.60	24.63	24.73	25.32
EGPRS (8PSK, 1-Slot)	26.79	26.55	27.04	28.00	17.60	17.36	17.85	18.81
EGPRS (8PSK, 2-Slots)	25.41	25.58	25.46	26.00	19.28	19.45	19.33	19.87
EGPRS (8PSK, 3-Slots)	23.33	23.64	23.34	24.00	18.91	19.22	18.92	19.58
EGPRS (8PSK, 4-Slots)	22.00	22.37	22.11	23.50	18.82	19.19	18.93	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)	29.82	29.73	29.90	30.00	20.63	20.54	20.71	20.81
GPRS (GMSK, 1-Slot)	29.77	29.71	29.86	30.00	20.58	20.52	20.67	20.81
GPRS (GMSK, 2-Slots)	27.99	27.99	27.91	28.00	21.86	21.86	21.78	21.87
GPRS (GMSK, 3-Slots)	26.24	26.14	26.30	26.70	21.82	21.72	21.88	22.28
GPRS (GMSK, 4-Slots)	24.62	24.52	24.68	25.00	21.44	21.34	21.50	21.82
EGPRS (8PSK, 1-Slot)	25.40	25.42	25.44	25.50	16.21	16.23	16.25	16.31
EGPRS (8PSK, 2-Slots)	24.08	24.10	24.05	24.50	17.95	17.97	17.92	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.63	21.70	22.50	17.22	17.21	17.28	18.08
EGPRS (8PSK, 4-Slots)	20.24	20.36	20.35	22.00	17.06	17.18	17.17	18.82

GSM-Level5&6-off-Ant.0									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	32.94	32.92	32.89	33.50	9.19	23.75	23.73	23.70	24.31
GPRS (GMSK, 1-Slot)	32.92	32.89	32.85	33.50	9.19	23.73	23.70	23.66	24.31
GPRS (GMSK, 2-Slots)	30.88	30.89	30.79	31.50	6.13	24.75	24.76	24.66	25.37
GPRS (GMSK, 3-Slots)	29.08	29.01	28.97	29.70	4.42	24.66	24.59	24.55	25.28
GPRS (GMSK, 4-Slots)	27.82	27.93	27.89	28.50	3.18	24.64	24.75	24.71	25.32
EGPRS (8PSK, 1-Slot)	26.71	26.65	26.72	28.00	9.19	17.52	17.46	17.53	18.81
EGPRS (8PSK, 2-Slots)	25.51	25.38	25.32	26.00	6.13	19.38	19.25	19.19	19.87
EGPRS (8PSK, 3-Slots)	23.25	23.13	23.20	24.00	4.42	18.83	18.71	18.78	19.58
EGPRS (8PSK, 4-Slots)	22.11	22.07	22.02	23.50	3.18	18.93	18.89	18.84	20.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124			975	38	124	
GSM (GMSK, 1-Slot)	32.77	32.75	32.82	33.50	9.19	23.58	23.56	23.63	24.31
GPRS (GMSK, 1-Slot)	32.74	32.73	32.80	33.50	9.19	23.55	23.54	23.61	24.31
GPRS (GMSK, 2-Slots)	30.81	30.89	30.87	31.50	6.13	24.68	24.76	24.74	25.37
GPRS (GMSK, 3-Slots)	28.84	28.87	28.96	29.70	4.42	24.42	24.45	24.54	25.28
GPRS (GMSK, 4-Slots)	27.78	27.81	27.91	28.50	3.18	24.60	24.63	24.73	25.32
EGPRS (8PSK, 1-Slot)	26.79	26.55	27.04	28.00	9.19	17.60	17.36	17.85	18.81
EGPRS (8PSK, 2-Slots)	25.41	25.58	25.46	26.00	6.13	19.28	19.45	19.33	19.87
EGPRS (8PSK, 3-Slots)	23.33	23.64	23.34	24.00	4.42	18.91	19.22	18.92	19.58
EGPRS (8PSK, 4-Slots)	22.00	22.37	22.11	23.50	3.18	18.82	19.19	18.93	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power(dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.93	29.95	30.02	30.50	9.19	20.74	20.76	20.83	21.31
GPRS (GMSK, 1-Slot)	28.73	29.92	30.01	30.50	9.19	19.54	20.73	20.82	21.31
GPRS (GMSK, 2-Slots)	28.24	28.31	28.23	28.50	6.13	22.11	22.18	22.10	22.37
GPRS (GMSK, 3-Slots)	26.47	26.49	26.45	26.70	4.42	22.05	22.07	22.03	22.28
GPRS (GMSK, 4-Slots)	24.38	24.49	24.64	25.00	3.18	21.20	21.31	21.46	21.82
EGPRS (8PSK, 1-Slot)	25.94	25.88	25.91	26.00	9.19	16.75	16.69	16.72	16.81
EGPRS (8PSK, 2-Slots)	24.84	24.80	24.86	25.00	6.13	18.71	18.67	18.73	18.87
EGPRS (8PSK, 3-Slots)	22.41	22.48	22.56	23.00	4.42	17.99	18.06	18.14	18.58
EGPRS (8PSK, 4-Slots)	21.17	21.22	21.19	22.50	3.18	17.99	18.04	18.01	19.32

GSM-Level5&6-on1-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.94	32.92	32.89	33.50	23.75	23.73	23.70	24.31
GPRS (GMSK, 1-Slot)	32.92	32.89	32.85	33.50	23.73	23.70	23.66	24.31
GPRS (GMSK, 2-Slots)	30.88	30.89	30.79	31.50	24.75	24.76	24.66	25.37
GPRS (GMSK, 3-Slots)	29.08	29.01	28.97	29.70	24.66	24.59	24.55	25.28
GPRS (GMSK, 4-Slots)	27.82	27.93	27.89	28.50	24.64	24.75	24.71	25.32
EGPRS (8PSK, 1-Slot)	26.71	26.65	26.72	28.00	17.52	17.46	17.53	18.81
EGPRS (8PSK, 2-Slots)	25.51	25.38	25.32	26.00	19.38	19.25	19.19	19.87
EGPRS (8PSK, 3-Slots)	23.25	23.13	23.20	24.00	18.83	18.71	18.78	19.58
EGPRS (8PSK, 4-Slots)	22.11	22.07	22.02	23.50	18.93	18.89	18.84	20.32
GSM900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame-Averaged power			Tune-up Power(dBm)
Channel	975	38	124		975	38	124	
GSM (GMSK, 1-Slot)	32.77	32.75	32.82	33.50	23.58	23.56	23.63	24.31
GPRS (GMSK, 1-Slot)	32.74	32.73	32.80	33.50	23.55	23.54	23.61	24.31
GPRS (GMSK, 2-Slots)	30.81	30.89	30.87	31.50	24.68	24.76	24.74	25.37
GPRS (GMSK, 3-Slots)	28.84	28.87	28.96	29.70	24.42	24.45	24.54	25.28
GPRS (GMSK, 4-Slots)	27.78	27.81	27.91	28.50	24.60	24.63	24.73	25.32
EGPRS (8PSK, 1-Slot)	26.79	26.55	27.04	28.00	17.60	17.36	17.85	18.81
EGPRS (8PSK, 2-Slots)	25.41	25.58	25.46	26.00	19.28	19.45	19.33	19.87
EGPRS (8PSK, 3-Slots)	23.33	23.64	23.34	24.00	18.91	19.22	18.92	19.58
EGPRS (8PSK, 4-Slots)	22.00	22.37	22.11	23.50	18.82	19.19	18.93	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)	29.41	29.34	29.51	29.50	20.22	20.15	20.32	20.31
GPRS (GMSK, 1-Slot)	29.40	29.33	29.49	29.50	20.21	20.14	20.30	20.31
GPRS (GMSK, 2-Slots)	27.29	27.37	27.27	27.50	21.16	21.24	21.14	21.37
GPRS (GMSK, 3-Slots)	25.78	25.69	25.86	26.70	21.36	21.27	21.44	22.28
GPRS (GMSK, 4-Slots)	24.07	24.01	24.16	25.00	20.89	20.83	20.98	21.82
EGPRS (8PSK, 1-Slot)	24.91	24.93	25.00	25.00	15.72	15.74	15.81	15.81
EGPRS (8PSK, 2-Slots)	23.62	23.71	23.60	24.00	17.49	17.58	17.47	17.87
EGPRS (8PSK, 3-Slots)	21.08	21.26	21.21	22.00	16.66	16.84	16.79	17.58
EGPRS (8PSK, 4-Slots)	19.78	19.91	19.99	21.50	16.60	16.73	16.81	18.32

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	22.66	22.69	22.58	24.20
AMR 12.2kbps	22.53	22.52	22.66	24.20
HSDPA Subtest-1	21.40	21.54	21.43	22.70
HSDPA Subtest-2	21.62	21.58	21.48	22.70
HSDPA Subtest-3	21.09	21.10	21.12	22.20
HSDPA Subtest-4	20.97	21.04	20.97	22.20
HSUPA Subtest-1	20.08	20.01	20.13	20.70
HSUPA Subtest-2	20.55	20.61	20.70	21.70
HSUPA Subtest-3	19.61	19.75	19.82	20.70
HSUPA Subtest-4	20.61	20.61	20.53	21.70
HSUPA Subtest-5	21.59	21.54	21.68	22.70
HSPA+	20.63	20.60	20.69	21.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.50	23.55	23.47	24.20
AMR 12.2kbps	23.47	23.42	23.44	24.20
HSDPA Subtest-1	22.42	22.54	22.55	23.70
HSDPA Subtest-2	22.46	22.58	22.49	23.70
HSDPA Subtest-3	22.03	22.10	22.21	23.20
HSDPA Subtest-4	22.08	22.04	22.16	23.20
HSUPA Subtest-1	20.48	20.51	20.44	21.70
HSUPA Subtest-2	20.92	21.06	21.03	22.20
HSUPA Subtest-3	20.28	20.24	20.21	21.20
HSUPA Subtest-4	21.12	21.11	21.10	22.20
HSUPA Subtest-5	22.12	22.03	22.15	23.20
HSPA+	21.00	21.20	21.14	22.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.99	24.03	23.96	24.50
AMR 12.2kbps	23.88	23.94	23.81	24.50
HSDPA Subtest-1	22.92	23.00	23.01	23.50
HSDPA Subtest-2	22.88	23.02	22.88	23.50
HSDPA Subtest-3	22.42	22.55	22.61	23.00
HSDPA Subtest-4	22.62	22.52	22.60	23.00
HSUPA Subtest-1	21.63	21.76	21.74	22.00
HSUPA Subtest-2	21.58	21.50	21.65	22.00
HSUPA Subtest-3	22.65	22.53	22.50	23.00
HSUPA Subtest-4	21.17	21.04	21.05	21.50
HSUPA Subtest-5	22.52	22.49	22.51	23.00
HSPA+	20.96	21.03	21.00	21.50
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.04	24.04	23.87	24.50
AMR 12.2kbps	23.96	23.79	23.78	24.50
HSDPA Subtest-1	22.89	22.90	23.04	23.50
HSDPA Subtest-2	22.89	22.92	23.05	23.50
HSDPA Subtest-3	22.37	22.44	22.50	23.00
HSDPA Subtest-4	22.50	22.41	22.56	23.00
HSUPA Subtest-1	21.66	21.67	21.81	22.00
HSUPA Subtest-2	21.29	21.43	21.37	22.00
HSUPA Subtest-3	22.40	22.46	22.51	23.00
HSUPA Subtest-4	20.89	20.96	20.92	21.50
HSUPA Subtest-5	22.42	22.39	22.27	23.00
HSPA+	20.89	21.07	20.92	21.50

WCDMA-Level 1-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	15.58	15.64	15.51	17.20
AMR 12.2kbps	15.58	15.39	15.62	17.20
HSDPA Subtest-1	14.48	14.46	14.54	16.20
HSDPA Subtest-2	14.52	14.51	14.56	16.20
HSDPA Subtest-3	14.08	14.03	14.18	15.70
HSDPA Subtest-4	14.09	13.97	14.08	15.70
HSUPA Subtest-1	13.05	12.96	12.97	14.70
HSUPA Subtest-2	12.17	12.07	12.09	13.70
HSUPA Subtest-3	12.47	12.57	12.46	14.20
HSUPA Subtest-4	12.57	12.57	12.60	14.20
HSUPA Subtest-5	14.46	14.47	14.36	16.20
HSPA+	12.42	12.50	12.58	14.20
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	16.19	16.26	16.16	17.20
AMR 12.2kbps	16.15	16.19	16.06	17.20
HSDPA Subtest-1	15.13	15.23	15.22	16.20
HSDPA Subtest-2	15.29	15.25	15.36	16.20
HSDPA Subtest-3	14.65	14.79	14.84	15.70
HSDPA Subtest-4	14.79	14.74	14.77	15.70
HSUPA Subtest-1	13.19	13.17	13.02	14.70
HSUPA Subtest-2	12.22	12.30	12.37	13.70
HSUPA Subtest-3	12.90	12.81	12.92	14.20
HSUPA Subtest-4	12.76	12.81	12.75	14.20
HSUPA Subtest-5	14.65	14.73	14.79	16.20
HSPA+	12.67	12.93	12.96	14.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.28	23.29	23.17	24.00
AMR 12.2kbps	23.27	23.18	23.08	24.00
HSDPA Subtest-1	22.18	22.25	22.29	23.00
HSDPA Subtest-2	22.14	22.25	22.20	23.00
HSDPA Subtest-3	21.81	21.79	21.88	22.50
HSDPA Subtest-4	21.87	21.75	21.75	22.50
HSUPA Subtest-1	20.90	20.97	20.95	21.50
HSUPA Subtest-2	20.80	20.75	20.67	21.50
HSUPA Subtest-3	20.85	20.76	20.67	21.50
HSUPA Subtest-4	20.36	20.29	20.23	21.00
HSUPA Subtest-5	21.57	21.72	21.63	22.50
HSPA+	20.30	20.37	20.35	21.00
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	23.51	23.57	23.42	24.00
AMR 12.2kbps	23.40	23.46	23.35	24.00
HSDPA Subtest-1	22.46	22.28	22.39	23.00
HSDPA Subtest-2	22.42	22.45	22.36	23.00
HSDPA Subtest-3	21.80	21.96	21.97	22.50
HSDPA Subtest-4	21.99	21.91	22.02	22.50
HSUPA Subtest-1	21.16	21.30	21.26	21.50
HSUPA Subtest-2	20.99	20.89	20.97	21.50
HSUPA Subtest-3	21.94	22.05	22.11	22.50
HSUPA Subtest-4	20.37	20.56	20.42	21.00
HSUPA Subtest-5	21.91	21.82	21.94	22.50
HSPA+	20.66	20.54	20.69	21.00

WCDMA-Level 2&3-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	14.55	14.63	14.48	16.20
AMR 12.2kbps	14.46	14.48	14.52	16.20
HSDPA Subtest-1	13.35	13.47	13.58	15.20
HSDPA Subtest-2	13.44	13.48	13.42	15.20
HSDPA Subtest-3	13.05	13.10	13.04	14.70
HSDPA Subtest-4	12.99	13.04	13.12	14.70
HSUPA Subtest-1	11.91	12.02	11.92	13.70
HSUPA Subtest-2	11.02	11.07	11.07	12.70
HSUPA Subtest-3	11.58	11.58	11.54	13.20
HSUPA Subtest-4	11.43	11.55	11.68	13.20
HSUPA Subtest-5	13.34	13.45	13.47	15.20
HSPA+	11.58	11.70	11.51	13.20
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	15.18	15.22	15.12	16.20
AMR 12.2kbps	15.07	15.14	15.00	16.20
HSDPA Subtest-1	14.08	14.21	14.11	15.20
HSDPA Subtest-2	14.32	14.23	14.30	15.20
HSDPA Subtest-3	13.84	13.75	13.89	14.70
HSDPA Subtest-4	13.69	13.73	13.65	14.70
HSUPA Subtest-1	12.28	12.26	12.30	13.70
HSUPA Subtest-2	11.17	11.28	11.43	12.70
HSUPA Subtest-3	11.66	11.79	11.79	13.20
HSUPA Subtest-4	11.71	11.82	11.88	13.20
HSUPA Subtest-5	13.62	13.71	13.75	15.20
HSPA+	11.94	11.81	11.73	13.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	22.26	22.27	22.18	23.00
AMR 12.2kbps	22.17	22.16	22.03	23.00
HSDPA Subtest-1	21.37	21.24	21.13	22.00
HSDPA Subtest-2	21.11	21.24	21.22	22.00
HSDPA Subtest-3	20.70	20.77	20.63	21.50
HSDPA Subtest-4	20.87	20.73	20.82	21.50
HSUPA Subtest-1	19.83	19.95	20.08	20.50
HSUPA Subtest-2	19.66	19.74	19.89	20.50
HSUPA Subtest-3	20.70	20.77	20.66	21.50
HSUPA Subtest-4	19.37	19.26	19.24	20.00
HSUPA Subtest-5	20.74	20.69	20.54	21.50
HSPA+	19.36	19.12	19.32	20.00
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	19.68	19.68	19.52	21.50
AMR 12.2kbps	19.62	19.52	19.56	21.50
HSDPA Subtest-1	18.61	18.55	18.57	20.50
HSDPA Subtest-2	18.67	18.61	18.64	20.50
HSDPA Subtest-3	18.24	18.13	18.23	20.00
HSDPA Subtest-4	18.02	18.09	18.10	20.00
HSUPA Subtest-1	17.36	17.31	17.42	19.00
HSUPA Subtest-2	17.05	17.09	17.11	19.00
HSUPA Subtest-3	18.06	18.11	18.01	20.00
HSUPA Subtest-4	16.71	16.62	16.70	18.00
HSUPA Subtest-5	18.11	18.04	18.10	20.00
HSPA+	16.74	16.57	16.51	18.00

WCDMA-Level 4-off-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	22.66	22.69	22.58	24.20
AMR 12.2kbps	22.53	22.52	22.66	24.20
HSDPA Subtest-1	21.40	21.54	21.43	22.70
HSDPA Subtest-2	21.62	21.58	21.48	22.70
HSDPA Subtest-3	21.09	21.10	21.12	22.20
HSDPA Subtest-4	20.97	21.04	20.97	22.20
HSUPA Subtest-1	20.08	20.01	20.13	20.70
HSUPA Subtest-2	20.55	20.61	20.70	21.70
HSUPA Subtest-3	19.61	19.75	19.82	20.70
HSUPA Subtest-4	20.61	20.61	20.53	21.70
HSUPA Subtest-5	21.59	21.54	21.68	22.70
HSPA+	20.63	20.60	20.69	21.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.50	23.55	23.47	24.20
AMR 12.2kbps	23.47	23.42	23.44	24.20
HSDPA Subtest-1	22.42	22.54	22.55	23.70
HSDPA Subtest-2	22.46	22.58	22.49	23.70
HSDPA Subtest-3	22.03	22.10	22.21	23.20
HSDPA Subtest-4	22.08	22.04	22.16	23.20
HSUPA Subtest-1	20.48	20.51	20.44	21.70
HSUPA Subtest-2	20.92	21.06	21.03	22.20
HSUPA Subtest-3	20.28	20.24	20.21	21.20
HSUPA Subtest-4	21.12	21.11	21.10	22.20
HSUPA Subtest-5	22.12	22.03	22.15	23.20
HSPA+	21.00	21.20	21.14	22.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.99	24.03	23.96	24.50
AMR 12.2kbps	23.88	23.94	23.81	24.50
HSDPA Subtest-1	22.92	23.00	23.01	23.50
HSDPA Subtest-2	22.88	23.02	22.88	23.50
HSDPA Subtest-3	22.42	22.55	22.61	23.00
HSDPA Subtest-4	22.62	22.52	22.60	23.00
HSUPA Subtest-1	21.63	21.76	21.74	22.00
HSUPA Subtest-2	21.58	21.50	21.65	22.00
HSUPA Subtest-3	22.65	22.53	22.50	23.00
HSUPA Subtest-4	21.17	21.04	21.05	21.50
HSUPA Subtest-5	22.52	22.49	22.51	23.00
HSPA+	20.96	21.03	21.00	21.50
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.04	24.04	23.87	24.50
AMR 12.2kbps	23.96	23.79	23.78	24.50
HSDPA Subtest-1	22.89	22.90	23.04	23.50
HSDPA Subtest-2	22.89	22.92	23.05	23.50
HSDPA Subtest-3	22.37	22.44	22.50	23.00
HSDPA Subtest-4	22.50	22.41	22.56	23.00
HSUPA Subtest-1	21.66	21.67	21.81	22.00
HSUPA Subtest-2	21.29	21.43	21.37	22.00
HSUPA Subtest-3	22.40	22.46	22.51	23.00
HSUPA Subtest-4	20.89	20.96	20.92	21.50
HSUPA Subtest-5	22.42	22.39	22.27	23.00
HSPA+	20.89	21.07	20.92	21.50

WCDMA-Level4-on2-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	20.11	20.19	20.03	21.70
AMR 12.2kbps	20.03	19.89	20.12	21.70
HSDPA Subtest-1	19.10	19.24	19.17	20.20
HSDPA Subtest-2	19.22	19.28	19.35	20.20
HSDPA Subtest-3	18.92	18.79	18.81	19.70
HSDPA Subtest-4	18.58	18.72	18.58	19.70
HSUPA Subtest-1	17.85	17.70	17.62	18.20
HSUPA Subtest-2	16.78	16.74	16.86	17.20
HSUPA Subtest-3	17.19	17.24	17.25	18.20
HSUPA Subtest-4	17.33	17.25	17.37	19.20
HSUPA Subtest-5	19.25	19.21	19.06	20.20
HSPA+	17.22	17.29	17.28	19.20
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	20.21	20.25	20.17	21.20
AMR 12.2kbps	20.06	20.23	20.11	21.20
HSDPA Subtest-1	19.48	19.45	19.37	20.70
HSDPA Subtest-2	19.61	19.50	19.44	20.70
HSDPA Subtest-3	19.03	19.02	19.02	20.20
HSDPA Subtest-4	19.09	18.98	18.96	20.20
HSUPA Subtest-1	17.57	17.42	17.30	18.70
HSUPA Subtest-2	17.36	17.45	17.45	19.20
HSUPA Subtest-3	17.04	16.97	17.10	18.20
HSUPA Subtest-4	17.91	18.02	18.13	19.20
HSUPA Subtest-5	19.00	18.98	19.13	20.20
HSPA+	18.07	18.00	18.00	19.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.99	24.03	23.96	24.50
AMR 12.2kbps	23.88	23.94	23.81	24.50
HSDPA Subtest-1	22.92	23.00	23.01	23.50
HSDPA Subtest-2	22.88	23.02	22.88	23.50
HSDPA Subtest-3	22.42	22.55	22.61	23.00
HSDPA Subtest-4	22.62	22.52	22.60	23.00
HSUPA Subtest-1	21.63	21.76	21.74	22.00
HSUPA Subtest-2	21.58	21.50	21.65	22.00
HSUPA Subtest-3	22.65	22.53	22.50	23.00
HSUPA Subtest-4	21.17	21.04	21.05	21.50
HSUPA Subtest-5	22.52	22.49	22.51	23.00
HSPA+	20.96	21.03	21.00	21.50
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.04	24.04	23.87	24.50
AMR 12.2kbps	23.96	23.79	23.78	24.50
HSDPA Subtest-1	22.89	22.90	23.04	23.50
HSDPA Subtest-2	22.89	22.92	23.05	23.50
HSDPA Subtest-3	22.37	22.44	22.50	23.00
HSDPA Subtest-4	22.50	22.41	22.56	23.00
HSUPA Subtest-1	21.66	21.67	21.81	22.00
HSUPA Subtest-2	21.29	21.43	21.37	22.00
HSUPA Subtest-3	22.40	22.46	22.51	23.00
HSUPA Subtest-4	20.89	20.96	20.92	21.50
HSUPA Subtest-5	22.42	22.39	22.27	23.00
HSPA+	20.89	21.07	20.92	21.50

WCDMA-Level5&6-off-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	22.66	22.69	22.58	24.20
AMR 12.2kbps	22.53	22.52	22.66	24.20
HSDPA Subtest-1	21.40	21.54	21.43	22.70
HSDPA Subtest-2	21.62	21.58	21.48	22.70
HSDPA Subtest-3	21.09	21.10	21.12	22.20
HSDPA Subtest-4	20.97	21.04	20.97	22.20
HSUPA Subtest-1	20.08	20.01	20.13	20.70
HSUPA Subtest-2	20.55	20.61	20.70	21.70
HSUPA Subtest-3	19.61	19.75	19.82	20.70
HSUPA Subtest-4	20.61	20.61	20.53	21.70
HSUPA Subtest-5	21.59	21.54	21.68	22.70
HSPA+	20.63	20.60	20.69	21.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.50	23.55	23.47	24.20
AMR 12.2kbps	23.47	23.42	23.44	24.20
HSDPA Subtest-1	22.42	22.54	22.55	23.70
HSDPA Subtest-2	22.46	22.58	22.49	23.70
HSDPA Subtest-3	22.03	22.10	22.21	23.20
HSDPA Subtest-4	22.08	22.04	22.16	23.20
HSUPA Subtest-1	20.48	20.51	20.44	21.70
HSUPA Subtest-2	20.92	21.06	21.03	22.20
HSUPA Subtest-3	20.28	20.24	20.21	21.20
HSUPA Subtest-4	21.12	21.11	21.10	22.20
HSUPA Subtest-5	22.12	22.03	22.15	23.20
HSPA+	21.00	21.20	21.14	22.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.99	24.03	23.96	24.50
AMR 12.2kbps	23.88	23.94	23.81	24.50
HSDPA Subtest-1	22.92	23.00	23.01	23.50
HSDPA Subtest-2	22.88	23.02	22.88	23.50
HSDPA Subtest-3	22.42	22.55	22.61	23.00
HSDPA Subtest-4	22.62	22.52	22.60	23.00
HSUPA Subtest-1	21.63	21.76	21.74	22.00
HSUPA Subtest-2	21.58	21.50	21.65	22.00
HSUPA Subtest-3	22.65	22.53	22.50	23.00
HSUPA Subtest-4	21.17	21.04	21.05	21.50
HSUPA Subtest-5	22.52	22.49	22.51	23.00
HSPA+	20.96	21.03	21.00	21.50
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.04	24.04	23.87	24.50
AMR 12.2kbps	23.96	23.79	23.78	24.50
HSDPA Subtest-1	22.89	22.90	23.04	23.50
HSDPA Subtest-2	22.89	22.92	23.05	23.50
HSDPA Subtest-3	22.37	22.44	22.50	23.00
HSDPA Subtest-4	22.50	22.41	22.56	23.00
HSUPA Subtest-1	21.66	21.67	21.81	22.00
HSUPA Subtest-2	21.29	21.43	21.37	22.00
HSUPA Subtest-3	22.40	22.46	22.51	23.00
HSUPA Subtest-4	20.89	20.96	20.92	21.50
HSUPA Subtest-5	22.42	22.39	22.27	23.00
HSPA+	20.89	21.07	20.92	21.50

WCDMA-Level5&6-on2-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	19.26	19.27	19.17	20.70
AMR 12.2kbps	19.16	19.10	19.11	20.70
HSDPA Subtest-1	18.14	18.23	18.25	19.20
HSDPA Subtest-2	18.25	18.25	18.35	19.20
HSDPA Subtest-3	17.90	17.76	17.61	18.70
HSDPA Subtest-4	17.72	17.72	17.72	18.70
HSUPA Subtest-1	16.56	16.66	16.59	17.20
HSUPA Subtest-2	17.10	17.23	17.38	18.20
HSUPA Subtest-3	16.33	16.21	16.36	17.20
HSUPA Subtest-4	17.22	17.27	17.22	18.20
HSUPA Subtest-5	18.18	18.21	18.15	19.20
HSPA+	17.36	17.22	17.42	18.20
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	19.72	19.78	19.66	20.70
AMR 12.2kbps	19.71	19.65	19.65	20.70
HSDPA Subtest-1	18.99	18.96	19.08	20.20
HSDPA Subtest-2	18.92	19.00	19.02	20.20
HSDPA Subtest-3	18.66	18.51	18.47	19.70
HSDPA Subtest-4	18.33	18.48	18.50	19.70
HSUPA Subtest-1	16.94	16.93	16.94	18.20
HSUPA Subtest-2	16.94	16.96	16.87	18.70
HSUPA Subtest-3	16.46	16.48	16.46	17.70
HSUPA Subtest-4	16.34	16.46	16.41	17.70
HSUPA Subtest-5	18.34	18.47	18.61	19.70
HSPA+	16.53	16.44	16.49	17.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.99	24.03	23.96	24.50
AMR 12.2kbps	23.88	23.94	23.81	24.50
HSDPA Subtest-1	22.92	23.00	23.01	23.50
HSDPA Subtest-2	22.88	23.02	22.88	23.50
HSDPA Subtest-3	22.42	22.55	22.61	23.00
HSDPA Subtest-4	22.62	22.52	22.60	23.00
HSUPA Subtest-1	21.63	21.76	21.74	22.00
HSUPA Subtest-2	21.58	21.50	21.65	22.00
HSUPA Subtest-3	22.65	22.53	22.50	23.00
HSUPA Subtest-4	21.17	21.04	21.05	21.50
HSUPA Subtest-5	22.52	22.49	22.51	23.00
HSPA+	20.96	21.03	21.00	21.50
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.04	24.04	23.87	24.50
AMR 12.2kbps	23.96	23.79	23.78	24.50
HSDPA Subtest-1	22.89	22.90	23.04	23.50
HSDPA Subtest-2	22.89	22.92	23.05	23.50
HSDPA Subtest-3	22.37	22.44	22.50	23.00
HSDPA Subtest-4	22.50	22.41	22.56	23.00
HSUPA Subtest-1	21.66	21.67	21.81	22.00
HSUPA Subtest-2	21.29	21.43	21.37	22.00
HSUPA Subtest-3	22.40	22.46	22.51	23.00
HSUPA Subtest-4	20.89	20.96	20.92	21.50
HSUPA Subtest-5	22.42	22.39	22.27	23.00
HSPA+	20.89	21.07	20.92	21.50

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.13	23.27	23.26	24.50
HSDPA Subtest-1	22.01	22.11	22.09	23.50
HSDPA Subtest-2	22.07	22.14	22.22	23.50
HSDPA Subtest-3	21.78	21.67	21.59	23.00
HSDPA Subtest-4	21.58	21.63	21.67	23.00
HSUPA Subtest-1	20.72	20.63	20.76	21.50
HSUPA Subtest-2	19.98	19.86	19.95	20.50
HSUPA Subtest-3	20.20	20.35	20.38	21.00
HSUPA Subtest-4	20.43	20.33	20.45	21.00
HSUPA Subtest-5	22.25	22.11	22.01	23.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.17	24.26	24.21	24.50
HSDPA Subtest-1	23.19	23.25	23.38	23.50
HSDPA Subtest-2	23.42	23.30	23.26	23.50
HSDPA Subtest-3	22.76	22.82	22.82	23.00
HSDPA Subtest-4	22.92	22.78	22.64	23.00
HSUPA Subtest-1	21.31	21.21	21.16	21.50
HSUPA Subtest-2	20.32	20.47	20.49	20.50
HSUPA Subtest-3	20.85	20.92	20.90	21.00
HSUPA Subtest-4	20.79	20.94	20.87	21.00
HSUPA Subtest-5	22.78	22.77	22.82	23.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.18	24.21	24.14	24.80
HSDPA Subtest-1	23.10	23.18	23.04	23.80
HSDPA Subtest-2	23.23	23.19	23.31	23.80
HSDPA Subtest-3	22.71	22.72	22.59	23.30
HSDPA Subtest-4	22.57	22.67	22.72	23.30
HSUPA Subtest-1	21.76	21.90	21.82	22.80
HSUPA Subtest-2	21.56	21.67	21.81	22.30
HSUPA Subtest-3	22.69	22.71	22.79	23.30
HSUPA Subtest-4	21.32	21.19	21.15	21.80
HSUPA Subtest-5	22.78	22.64	22.57	23.30
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.25	24.27	24.08	24.80
HSDPA Subtest-1	23.24	23.13	23.21	23.80
HSDPA Subtest-2	23.22	23.16	23.25	23.80
HSDPA Subtest-3	22.78	22.68	22.74	23.30
HSDPA Subtest-4	22.77	22.64	22.59	23.30
HSUPA Subtest-1	21.90	21.91	21.96	22.80
HSUPA Subtest-2	21.60	21.68	21.68	22.30
HSUPA Subtest-3	22.64	22.72	22.87	23.30
HSUPA Subtest-4	21.19	21.18	21.28	21.80
HSUPA Subtest-5	22.74	22.63	22.59	23.30

WCDMA-Level 1 -Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.13	23.27	23.26	24.50
HSDPA Subtest-1	22.01	22.11	22.09	23.50
HSDPA Subtest-2	22.07	22.14	22.22	23.50
HSDPA Subtest-3	21.78	21.67	21.59	23.00
HSDPA Subtest-4	21.58	21.63	21.67	23.00
HSUPA Subtest-1	20.72	20.63	20.76	21.50
HSUPA Subtest-2	19.98	19.86	19.95	20.50
HSUPA Subtest-3	20.20	20.35	20.38	21.00
HSUPA Subtest-4	20.43	20.33	20.45	21.00
HSUPA Subtest-5	22.25	22.11	22.01	23.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.17	24.26	24.21	24.50
HSDPA Subtest-1	23.19	23.25	23.38	23.50
HSDPA Subtest-2	23.42	23.30	23.26	23.50
HSDPA Subtest-3	22.76	22.82	22.82	23.00
HSDPA Subtest-4	22.92	22.78	22.64	23.00
HSUPA Subtest-1	21.31	21.21	21.16	21.50
HSUPA Subtest-2	20.32	20.47	20.49	20.50
HSUPA Subtest-3	20.85	20.92	20.90	21.00
HSUPA Subtest-4	20.79	20.94	20.87	21.00
HSUPA Subtest-5	22.78	22.77	22.82	23.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.18	24.21	24.14	24.80
HSDPA Subtest-1	23.10	23.18	23.04	23.80
HSDPA Subtest-2	23.23	23.19	23.31	23.80
HSDPA Subtest-3	22.71	22.72	22.59	23.30
HSDPA Subtest-4	22.57	22.67	22.72	23.30
HSUPA Subtest-1	21.76	21.90	21.82	22.80
HSUPA Subtest-2	21.56	21.67	21.81	22.30
HSUPA Subtest-3	22.69	22.71	22.79	23.30
HSUPA Subtest-4	21.32	21.19	21.15	21.80
HSUPA Subtest-5	22.78	22.64	22.57	23.30
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.25	24.27	24.08	24.80
HSDPA Subtest-1	23.24	23.13	23.21	23.80
HSDPA Subtest-2	23.22	23.16	23.25	23.80
HSDPA Subtest-3	22.78	22.68	22.74	23.30
HSDPA Subtest-4	22.77	22.64	22.59	23.30
HSUPA Subtest-1	21.90	21.91	21.96	22.80
HSUPA Subtest-2	21.60	21.68	21.68	22.30
HSUPA Subtest-3	22.64	22.72	22.87	23.30
HSUPA Subtest-4	21.19	21.18	21.28	21.80
HSUPA Subtest-5	22.74	22.63	22.59	23.30

WCDMA-Level 2&3 -Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.13	23.27	23.26	24.50
HSDPA Subtest-1	22.01	22.11	22.09	23.50
HSDPA Subtest-2	22.07	22.14	22.22	23.50
HSDPA Subtest-3	21.78	21.67	21.59	23.00
HSDPA Subtest-4	21.58	21.63	21.67	23.00
HSUPA Subtest-1	20.72	20.63	20.76	21.50
HSUPA Subtest-2	19.98	19.86	19.95	20.50
HSUPA Subtest-3	20.20	20.35	20.38	21.00
HSUPA Subtest-4	20.43	20.33	20.45	21.00
HSUPA Subtest-5	22.25	22.11	22.01	23.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.17	24.26	24.21	24.50
HSDPA Subtest-1	23.19	23.25	23.38	23.50
HSDPA Subtest-2	23.42	23.30	23.26	23.50
HSDPA Subtest-3	22.76	22.82	22.82	23.00
HSDPA Subtest-4	22.92	22.78	22.64	23.00
HSUPA Subtest-1	21.31	21.21	21.16	21.50
HSUPA Subtest-2	20.32	20.47	20.49	20.50
HSUPA Subtest-3	20.85	20.92	20.90	21.00
HSUPA Subtest-4	20.79	20.94	20.87	21.00
HSUPA Subtest-5	22.78	22.77	22.82	23.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.18	24.21	24.14	24.80
HSDPA Subtest-1	23.10	23.18	23.04	23.80
HSDPA Subtest-2	23.23	23.19	23.31	23.80
HSDPA Subtest-3	22.71	22.72	22.59	23.30
HSDPA Subtest-4	22.57	22.67	22.72	23.30
HSUPA Subtest-1	21.76	21.90	21.82	22.80
HSUPA Subtest-2	21.56	21.67	21.81	22.30
HSUPA Subtest-3	22.69	22.71	22.79	23.30
HSUPA Subtest-4	21.32	21.19	21.15	21.80
HSUPA Subtest-5	22.78	22.64	22.57	23.30
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.25	24.27	24.08	24.80
HSDPA Subtest-1	23.24	23.13	23.21	23.80
HSDPA Subtest-2	23.22	23.16	23.25	23.80
HSDPA Subtest-3	22.78	22.68	22.74	23.30
HSDPA Subtest-4	22.77	22.64	22.59	23.30
HSUPA Subtest-1	21.90	21.91	21.96	22.80
HSUPA Subtest-2	21.60	21.68	21.68	22.30
HSUPA Subtest-3	22.64	22.72	22.87	23.30
HSUPA Subtest-4	21.19	21.18	21.28	21.80
HSUPA Subtest-5	22.74	22.63	22.59	23.30

WCDMA-Level4-off-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.13	23.27	23.26	24.50
HSDPA Subtest-1	22.01	22.11	22.09	23.50
HSDPA Subtest-2	22.07	22.14	22.22	23.50
HSDPA Subtest-3	21.78	21.67	21.59	23.00
HSDPA Subtest-4	21.58	21.63	21.67	23.00
HSUPA Subtest-1	20.72	20.63	20.76	21.50
HSUPA Subtest-2	19.98	19.86	19.95	20.50
HSUPA Subtest-3	20.20	20.35	20.38	21.00
HSUPA Subtest-4	20.43	20.33	20.45	21.00
HSUPA Subtest-5	22.25	22.11	22.01	23.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.17	24.26	24.21	24.50
HSDPA Subtest-1	23.19	23.25	23.38	23.50
HSDPA Subtest-2	23.42	23.30	23.26	23.50
HSDPA Subtest-3	22.76	22.82	22.82	23.00
HSDPA Subtest-4	22.92	22.78	22.64	23.00
HSUPA Subtest-1	21.31	21.21	21.16	21.50
HSUPA Subtest-2	20.32	20.47	20.49	20.50
HSUPA Subtest-3	20.85	20.92	20.90	21.00
HSUPA Subtest-4	20.79	20.94	20.87	21.00
HSUPA Subtest-5	22.78	22.77	22.82	23.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.18	24.21	24.14	24.80
HSDPA Subtest-1	23.10	23.18	23.04	23.80
HSDPA Subtest-2	23.23	23.19	23.31	23.80
HSDPA Subtest-3	22.71	22.72	22.59	23.30
HSDPA Subtest-4	22.57	22.67	22.72	23.30
HSUPA Subtest-1	21.76	21.90	21.82	22.80
HSUPA Subtest-2	21.56	21.67	21.81	22.30
HSUPA Subtest-3	22.69	22.71	22.79	23.30
HSUPA Subtest-4	21.32	21.19	21.15	21.80
HSUPA Subtest-5	22.78	22.64	22.57	23.30
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.25	24.27	24.08	24.80
HSDPA Subtest-1	23.24	23.13	23.21	23.80
HSDPA Subtest-2	23.22	23.16	23.25	23.80
HSDPA Subtest-3	22.78	22.68	22.74	23.30
HSDPA Subtest-4	22.77	22.64	22.59	23.30
HSUPA Subtest-1	21.90	21.91	21.96	22.80
HSUPA Subtest-2	21.60	21.68	21.68	22.30
HSUPA Subtest-3	22.64	22.72	22.87	23.30
HSUPA Subtest-4	21.19	21.18	21.28	21.80
HSUPA Subtest-5	22.74	22.63	22.59	23.30

WCDMA-Level4-on1-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	20.77	20.81	20.66	22.00
HSDPA Subtest-1	19.73	19.85	19.92	21.00
HSDPA Subtest-2	19.99	19.86	19.85	21.00
HSDPA Subtest-3	19.53	19.39	19.49	20.50
HSDPA Subtest-4	19.30	19.35	19.49	20.50
HSUPA Subtest-1	18.25	18.34	18.21	19.00
HSUPA Subtest-2	17.39	17.36	17.23	18.00
HSUPA Subtest-3	17.97	17.88	17.88	18.50
HSUPA Subtest-4	17.74	17.86	17.77	18.50
HSUPA Subtest-5	19.93	19.82	19.85	20.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	20.93	21.02	20.95	21.50
HSDPA Subtest-1	20.16	20.23	20.34	20.50
HSDPA Subtest-2	20.36	20.25	20.17	20.50
HSDPA Subtest-3	19.90	19.78	19.82	20.00
HSDPA Subtest-4	19.83	19.76	19.67	20.00
HSUPA Subtest-1	18.06	18.17	18.22	18.50
HSUPA Subtest-2	17.31	17.20	17.30	17.50
HSUPA Subtest-3	17.81	17.75	17.69	18.00
HSUPA Subtest-4	17.85	17.71	17.80	18.00
HSUPA Subtest-5	19.83	19.74	19.73	20.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.18	24.21	24.14	24.80
HSDPA Subtest-1	23.10	23.18	23.04	23.80
HSDPA Subtest-2	23.23	23.19	23.31	23.80
HSDPA Subtest-3	22.71	22.72	22.59	23.30
HSDPA Subtest-4	22.57	22.67	22.72	23.30
HSUPA Subtest-1	21.76	21.90	21.82	22.80
HSUPA Subtest-2	21.56	21.67	21.81	22.30
HSUPA Subtest-3	22.69	22.71	22.79	23.30
HSUPA Subtest-4	21.32	21.19	21.15	21.80
HSUPA Subtest-5	22.78	22.64	22.57	23.30
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.25	24.27	24.08	24.80
HSDPA Subtest-1	23.24	23.13	23.21	23.80
HSDPA Subtest-2	23.22	23.16	23.25	23.80
HSDPA Subtest-3	22.78	22.68	22.74	23.30
HSDPA Subtest-4	22.77	22.64	22.59	23.30
HSUPA Subtest-1	21.90	21.91	21.96	22.80
HSUPA Subtest-2	21.60	21.68	21.68	22.30
HSUPA Subtest-3	22.64	22.72	22.87	23.30
HSUPA Subtest-4	21.19	21.18	21.28	21.80
HSUPA Subtest-5	22.74	22.63	22.59	23.30

WCDMA-Level5&6-off Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.13	23.27	23.26	24.50
HSDPA Subtest-1	22.01	22.11	22.09	23.50
HSDPA Subtest-2	22.07	22.14	22.22	23.50
HSDPA Subtest-3	21.78	21.67	21.59	23.00
HSDPA Subtest-4	21.58	21.63	21.67	23.00
HSUPA Subtest-1	20.72	20.63	20.76	21.50
HSUPA Subtest-2	19.98	19.86	19.95	20.50
HSUPA Subtest-3	20.20	20.35	20.38	21.00
HSUPA Subtest-4	20.43	20.33	20.45	21.00
HSUPA Subtest-5	22.25	22.11	22.01	23.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.17	24.26	24.21	24.50
HSDPA Subtest-1	23.19	23.25	23.38	23.50
HSDPA Subtest-2	23.42	23.30	23.26	23.50
HSDPA Subtest-3	22.76	22.82	22.82	23.00
HSDPA Subtest-4	22.92	22.78	22.64	23.00
HSUPA Subtest-1	21.31	21.21	21.16	21.50
HSUPA Subtest-2	20.32	20.47	20.49	20.50
HSUPA Subtest-3	20.85	20.92	20.90	21.00
HSUPA Subtest-4	20.79	20.94	20.87	21.00
HSUPA Subtest-5	22.78	22.77	22.82	23.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.18	24.21	24.14	24.80
HSDPA Subtest-1	23.10	23.18	23.04	23.80
HSDPA Subtest-2	23.23	23.19	23.31	23.80
HSDPA Subtest-3	22.71	22.72	22.59	23.30
HSDPA Subtest-4	22.57	22.67	22.72	23.30
HSUPA Subtest-1	21.76	21.90	21.82	22.80
HSUPA Subtest-2	21.56	21.67	21.81	22.30
HSUPA Subtest-3	22.69	22.71	22.79	23.30
HSUPA Subtest-4	21.32	21.19	21.15	21.80
HSUPA Subtest-5	22.78	22.64	22.57	23.30
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.25	24.27	24.08	24.80
HSDPA Subtest-1	23.24	23.13	23.21	23.80
HSDPA Subtest-2	23.22	23.16	23.25	23.80
HSDPA Subtest-3	22.78	22.68	22.74	23.30
HSDPA Subtest-4	22.77	22.64	22.59	23.30
HSUPA Subtest-1	21.90	21.91	21.96	22.80
HSUPA Subtest-2	21.60	21.68	21.68	22.30
HSUPA Subtest-3	22.64	22.72	22.87	23.30
HSUPA Subtest-4	21.19	21.18	21.28	21.80
HSUPA Subtest-5	22.74	22.63	22.59	23.30

WCDMA-Level5&6-on1-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	20.25	20.26	20.25	21.50
HSDPA Subtest-1	19.47	19.34	19.47	20.50
HSDPA Subtest-2	19.31	19.36	19.30	20.50
HSDPA Subtest-3	18.83	18.89	19.01	20.00
HSDPA Subtest-4	18.93	18.83	18.93	20.00
HSUPA Subtest-1	17.89	17.81	17.96	18.50
HSUPA Subtest-2	18.43	18.38	18.41	18.50
HSUPA Subtest-3	17.43	17.35	17.21	18.00
HSUPA Subtest-4	16.23	16.08	16.03	18.00
HSUPA Subtest-5	19.18	19.31	19.42	20.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	20.40	20.51	20.44	21.00
HSDPA Subtest-1	19.76	19.69	19.81	20.00
HSDPA Subtest-2	19.86	19.72	19.69	20.00
HSDPA Subtest-3	19.33	19.26	19.19	19.50
HSDPA Subtest-4	19.11	19.24	19.29	19.50
HSUPA Subtest-1	17.61	17.67	17.78	18.00
HSUPA Subtest-2	18.30	18.22	18.15	18.50
HSUPA Subtest-3	17.22	17.20	17.14	17.50
HSUPA Subtest-4	17.14	17.20	17.28	17.50
HSUPA Subtest-5	19.16	19.20	19.26	19.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.18	24.21	24.14	24.80
HSDPA Subtest-1	23.10	23.18	23.04	23.80
HSDPA Subtest-2	23.23	23.19	23.31	23.80
HSDPA Subtest-3	22.71	22.72	22.59	23.30
HSDPA Subtest-4	22.57	22.67	22.72	23.30
HSUPA Subtest-1	21.76	21.90	21.82	22.80
HSUPA Subtest-2	21.56	21.67	21.81	22.30
HSUPA Subtest-3	22.69	22.71	22.79	23.30
HSUPA Subtest-4	21.32	21.19	21.15	21.80
HSUPA Subtest-5	22.78	22.64	22.57	23.30
Band	Band 8			Tune-up Limit Power(dBm)
Channel	2712	2787	2863	
Frequency	882.40	897.40	912.60	
RMC 12.2Kbps	24.25	24.27	24.08	24.80
HSDPA Subtest-1	23.24	23.13	23.21	23.80
HSDPA Subtest-2	23.22	23.16	23.25	23.80
HSDPA Subtest-3	22.78	22.68	22.74	23.30
HSDPA Subtest-4	22.77	22.64	22.59	23.30
HSUPA Subtest-1	21.90	21.91	21.96	22.80
HSUPA Subtest-2	21.60	21.68	21.68	22.30
HSUPA Subtest-3	22.64	22.72	22.87	23.30
HSUPA Subtest-4	21.19	21.18	21.28	21.80
HSUPA Subtest-5	22.74	22.63	22.59	23.30

8.3 LTE Output Power

8.3.1 LTE Band2 Output Power

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	22.22	22.25	22.38	23.70
		MID	QPSK	22.24	22.26	22.44	23.70
		HIGH	QPSK	22.26	22.25	22.43	23.70
	3	LOW	QPSK	22.35	22.29	22.54	23.70
		MID	QPSK	22.35	22.32	22.55	23.70
		HIGH	QPSK	22.31	22.31	22.54	23.70
	6	LOW	QPSK	21.34	21.31	21.53	22.70
1.4	1	LOW	Q16	21.45	21.69	21.50	22.70
		MID	Q16	21.45	21.67	21.51	22.70
		HIGH	Q16	21.48	21.67	21.51	22.70
	3	LOW	Q16	21.36	21.49	21.68	22.70
		MID	Q16	21.38	21.48	21.66	22.70
		HIGH	Q16	21.37	21.48	21.67	22.70
	6	LOW	Q16	20.44	20.18	20.68	21.70
1.4	1	LOW	64QAM	20.35	20.64	20.43	21.70
		MID	64QAM	20.41	20.58	20.36	21.70
		HIGH	64QAM	20.44	20.52	20.59	21.70
	3	LOW	64QAM	20.42	20.42	20.66	21.70
		MID	64QAM	20.33	20.61	20.73	21.70
		HIGH	64QAM	20.47	20.63	20.65	21.70
	6	LOW	64QAM	19.43	19.31	19.60	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.30	22.20	22.41	23.70
		MID	QPSK	22.32	22.28	22.46	23.70
		HIGH	QPSK	22.33	22.30	22.47	23.70
	8	LOW	QPSK	21.32	21.28	21.54	22.70
		MID	QPSK	21.36	21.30	21.53	22.70
		HIGH	QPSK	21.33	21.30	21.50	22.70
	15	LOW	QPSK	21.33	21.28	21.53	22.70
3	1	LOW	Q16	21.26	21.65	21.52	22.70
		MID	Q16	21.27	21.72	21.52	22.70
		HIGH	Q16	21.28	21.70	21.49	22.70
	8	LOW	Q16	20.43	20.36	20.55	21.70
		MID	Q16	20.44	20.39	20.56	21.70
		HIGH	Q16	20.42	20.38	20.55	21.70
	15	LOW	Q16	20.37	20.32	20.50	21.70
3	1	LOW	64QAM	20.39	20.74	20.44	21.70
		MID	64QAM	20.17	20.67	20.57	21.70
		HIGH	64QAM	20.32	20.77	20.48	21.70
	8	LOW	64QAM	19.42	19.33	19.44	20.70
		MID	64QAM	19.30	19.28	19.59	20.70
		HIGH	64QAM	19.47	19.45	19.52	20.70
	15	LOW	64QAM	19.24	19.33	19.40	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.43	22.27	22.52	23.70
		MID	QPSK	22.52	22.35	22.57	23.70
		HIGH	QPSK	22.48	22.33	22.60	23.70
	12	LOW	QPSK	21.36	21.32	21.56	22.70
		MID	QPSK	21.38	21.32	21.54	22.70
		HIGH	QPSK	21.36	21.35	21.55	22.70
	25	LOW	QPSK	21.38	21.34	21.57	22.70
5	1	LOW	Q16	21.64	21.82	21.63	22.70
		MID	Q16	21.68	21.90	21.59	22.70
		HIGH	Q16	21.63	21.89	21.57	22.70
	12	LOW	Q16	20.46	20.46	20.64	21.70
		MID	Q16	20.40	20.47	20.64	21.70
		HIGH	Q16	20.44	20.46	20.59	21.70
	25	LOW	Q16	20.39	20.41	20.56	21.70
5	1	LOW	64QAM	20.62	20.90	20.76	21.70
		MID	64QAM	20.82	20.82	20.63	21.70
		HIGH	64QAM	20.76	20.99	20.72	21.70
	12	LOW	64QAM	19.48	19.40	19.77	20.70
		MID	64QAM	19.40	19.56	19.78	20.70
		HIGH	64QAM	19.46	19.33	19.46	20.70
	25	LOW	64QAM	19.45	19.47	19.71	20.70

LTE B2-Full Power -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)		
10	1	LOW	QPSK	22.34	22.25	22.24	23.70		
		MID	QPSK	22.35	22.33	22.34	23.70		
		HIGH	QPSK	22.35	22.31	22.32	23.70		
	25	LOW	QPSK	21.33	21.34	21.39	22.70		
		MID	QPSK	21.38	21.35	21.34	22.70		
		HIGH	QPSK	21.39	21.34	21.39	22.70		
	50	LOW	QPSK	21.39	21.32	21.38	22.70		
10	1	LOW	Q16	21.30	21.61	21.29	22.70		
		MID	Q16	21.27	21.71	21.37	22.70		
		HIGH	Q16	21.26	21.70	21.33	22.70		
	25	LOW	Q16	20.39	20.38	20.66	21.70		
		MID	Q16	20.40	20.41	20.64	21.70		
		HIGH	Q16	20.43	20.38	20.46	21.70		
	50	LOW	Q16	20.38	20.36	20.59	21.70		
10	1	LOW	64QAM	20.15	20.64	20.31	21.70		
		MID	64QAM	20.18	20.84	20.23	21.70		
		HIGH	64QAM	20.29	20.67	20.18	21.70		
	25	LOW	64QAM	19.31	19.23	19.57	20.70		
		MID	64QAM	19.55	19.46	19.58	20.70		
		HIGH	64QAM	19.32	19.38	19.46	20.70		
	50	LOW	64QAM	19.50	19.37	19.71	20.70		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)		
15	1	LOW	QPSK	22.30	22.17	22.11	23.70		
		MID	QPSK	22.36	22.34	22.25	23.70		
		HIGH	QPSK	22.26	22.27	22.22	23.70		
	36	LOW	QPSK	21.32	21.26	21.30	22.70		
		MID	QPSK	21.35	21.31	21.29	22.70		
		HIGH	QPSK	21.34	21.30	21.32	22.70		
15	75	LOW	QPSK	21.36	21.27	21.34	22.70		
		1	LOW	Q16	21.23	21.56	21.57	22.70	
			MID	Q16	21.30	21.71	21.69	22.70	
	HIGH		Q16	21.20	21.64	21.60	22.70		
	36	LOW	Q16	20.34	20.33	20.47	21.70		
		MID	Q16	20.36	20.39	20.49	21.70		
HIGH		Q16	20.35	20.36	20.38	21.70			
15	75	LOW	Q16	20.32	20.27	20.46	21.70		
		1	LOW	64QAM	20.13	20.65	20.64	21.70	
			MID	64QAM	20.18	20.65	20.62	21.70	
	HIGH		64QAM	20.11	20.56	20.52	21.70		
	36	LOW	64QAM	19.42	19.40	19.60	20.70		
		MID	64QAM	19.48	19.53	19.49	20.70		
HIGH		64QAM	19.49	19.25	19.42	20.70			
15	75	LOW	64QAM	19.32	19.35	19.51	20.70		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
		20	1	LOW	QPSK	22.25	22.21	21.97	23.70
	MID			QPSK	22.32	22.38	22.28	23.70	
	HIGH			QPSK	22.22	22.33	22.21	23.70	
	50		LOW	QPSK	21.32	21.35	21.35	22.70	
MID			QPSK	21.39	21.37	21.35	22.70		
HIGH			QPSK	21.39	21.37	21.31	22.70		
100	LOW	QPSK	21.34	21.34	21.36	22.70			
20	1	LOW	Q16	21.84	21.65	21.43	22.70		
		MID	Q16	21.89	21.80	21.77	22.70		
		HIGH	Q16	21.79	21.69	21.66	22.70		
	50	LOW	Q16	20.33	20.35	20.49	21.70		
		MID	Q16	20.41	20.37	20.49	21.70		
		HIGH	Q16	20.38	20.37	20.43	21.70		
100	LOW	Q16	20.37	20.32	20.50	21.70			
20	1	LOW	64QAM	20.89	20.80	20.58	21.70		
		MID	64QAM	20.74	20.80	20.85	21.70		
		HIGH	64QAM	20.83	20.61	20.61	21.70		
	50	LOW	64QAM	19.33	19.30	19.50	20.70		
		MID	64QAM	19.44	19.30	19.43	20.70		
		HIGH	64QAM	19.52	19.39	19.33	20.70		
100	LOW	64QAM	19.23	19.40	19.50	20.70			

LTE B2-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.27	15.31	15.23	17.20
		MID	QPSK	15.59	15.55	15.50	17.20
		HIGH	QPSK	15.34	15.58	15.49	17.20
	3	LOW	QPSK	15.56	15.57	15.51	17.20
		MID	QPSK	15.71	15.48	15.59	17.20
		HIGH	QPSK	15.47	15.40	15.45	17.20
	6	LOW	QPSK	15.53	15.50	15.65	17.20
1.4	1	LOW	Q16	15.56	15.78	15.43	17.20
		MID	Q16	15.58	15.80	15.88	17.20
		HIGH	Q16	15.21	15.95	15.98	17.20
	3	LOW	Q16	15.56	15.47	15.45	17.20
		MID	Q16	15.74	15.55	15.67	17.20
		HIGH	Q16	15.59	15.43	15.46	17.20
	6	LOW	Q16	15.75	15.43	15.57	17.20
1.4	1	LOW	64QAM	15.55	15.76	15.73	17.20
		MID	64QAM	15.46	15.83	15.93	17.20
		HIGH	64QAM	15.28	15.72	15.86	17.20
	3	LOW	64QAM	15.52	15.49	15.63	17.20
		MID	64QAM	15.50	15.67	15.46	17.20
		HIGH	64QAM	15.68	15.61	15.59	17.20
	6	LOW	64QAM	15.60	15.54	15.72	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	15.43	15.55	15.35	17.20
		MID	QPSK	15.56	15.61	15.38	17.20
		HIGH	QPSK	15.52	15.41	15.37	17.20
	8	LOW	QPSK	15.50	15.53	15.69	17.20
		MID	QPSK	15.44	15.53	15.70	17.20
		HIGH	QPSK	15.44	15.45	15.49	17.20
	15	LOW	QPSK	15.65	15.43	15.53	17.20
3	1	LOW	Q16	15.87	15.92	15.75	17.20
		MID	Q16	16.02	16.06	15.77	17.20
		HIGH	Q16	15.73	15.86	15.74	17.20
	8	LOW	Q16	15.54	15.64	15.57	17.20
		MID	Q16	15.68	15.43	15.43	17.20
		HIGH	Q16	15.66	15.52	15.64	17.20
	15	LOW	Q16	15.71	15.61	15.53	17.20
3	1	LOW	64QAM	15.86	15.77	15.68	17.20
		MID	64QAM	15.90	15.97	15.80	17.20
		HIGH	64QAM	15.62	15.77	15.78	17.20
	8	LOW	64QAM	15.64	15.56	15.54	17.20
		MID	64QAM	15.67	15.55	15.45	17.20
		HIGH	64QAM	15.62	15.53	15.71	17.20
	15	LOW	64QAM	15.77	15.57	15.52	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	15.53	15.49	15.31	17.20
		MID	QPSK	15.61	15.70	15.66	17.20
		HIGH	QPSK	15.32	15.60	15.51	17.20
	12	LOW	QPSK	15.51	15.51	15.74	17.20
		MID	QPSK	15.68	15.59	15.56	17.20
		HIGH	QPSK	15.64	15.57	15.54	17.20
	25	LOW	QPSK	15.47	15.64	15.57	17.20
5	1	LOW	Q16	15.89	15.96	15.65	17.20
		MID	Q16	16.07	15.82	15.91	17.20
		HIGH	Q16	15.78	15.99	15.97	17.20
	12	LOW	Q16	15.50	15.41	15.44	17.20
		MID	Q16	15.46	15.57	15.57	17.20
		HIGH	Q16	15.68	15.53	15.39	17.20
	25	LOW	Q16	15.50	15.60	15.67	17.20
5	1	LOW	64QAM	15.99	15.94	15.80	17.20
		MID	64QAM	15.96	15.74	15.96	17.20
		HIGH	64QAM	15.74	15.93	15.88	17.20
	12	LOW	64QAM	15.39	15.56	15.56	17.20
		MID	64QAM	15.43	15.66	15.59	17.20
		HIGH	64QAM	15.77	15.65	15.27	17.20
	25	LOW	64QAM	15.57	15.60	15.77	17.20

LTE B2-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	15.52	15.38	15.21	17.20
		MID	QPSK	15.51	15.49	15.55	17.20
		HIGH	QPSK	15.60	15.64	15.52	17.20
	25	LOW	QPSK	15.43	15.68	15.76	17.20
		MID	QPSK	15.46	15.48	15.47	17.20
		HIGH	QPSK	15.45	15.48	15.44	17.20
	50	LOW	QPSK	15.50	15.43	15.66	17.20
10	1	LOW	Q16	15.92	15.79	15.43	17.20
		MID	Q16	15.81	15.85	15.76	17.20
		HIGH	Q16	15.97	16.00	15.94	17.20
	25	LOW	Q16	15.65	15.57	15.44	17.20
		MID	Q16	15.51	15.63	15.61	17.20
		HIGH	Q16	15.68	15.46	15.37	17.20
	50	LOW	Q16	15.66	15.53	15.64	17.20
10	1	LOW	64QAM	15.73	15.77	15.69	17.20
		MID	64QAM	15.71	15.98	16.02	17.20
		HIGH	64QAM	16.03	15.80	15.85	17.20
	25	LOW	64QAM	15.65	15.51	15.61	17.20
		MID	64QAM	15.63	15.67	15.70	17.20
		HIGH	64QAM	15.69	15.67	15.50	17.20
	50	LOW	64QAM	15.70	15.45	15.50	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	15.37	15.54	15.44	17.20
		MID	QPSK	15.57	15.64	15.60	17.20
		HIGH	QPSK	15.59	15.43	15.51	17.20
	36	LOW	QPSK	15.52	15.47	15.56	17.20
		MID	QPSK	15.44	15.67	15.65	17.20
		HIGH	QPSK	15.51	15.56	15.41	17.20
75	LOW	QPSK	15.65	15.43	15.64	17.20	
15	1	LOW	Q16	15.70	15.94	15.69	17.20
		MID	Q16	15.67	16.07	15.87	17.20
		HIGH	Q16	15.93	15.80	15.90	17.20
	36	LOW	Q16	15.65	15.58	15.72	17.20
		MID	Q16	15.76	15.52	15.56	17.20
		HIGH	Q16	15.55	15.64	15.54	17.20
75	LOW	Q16	15.53	15.51	15.47	17.20	
15	1	LOW	64QAM	15.66	15.89	15.76	17.20
		MID	64QAM	15.78	16.03	16.01	17.20
		HIGH	64QAM	15.99	15.90	15.96	17.20
	36	LOW	64QAM	15.57	15.41	15.70	17.20
		MID	64QAM	15.65	15.57	15.70	17.20
		HIGH	64QAM	15.46	15.39	15.37	17.20
	75	LOW	64QAM	15.54	15.49	15.55	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	15.41	15.44	15.32	17.20
		MID	QPSK	15.51	15.55	15.51	17.20
		HIGH	QPSK	15.46	15.50	15.47	17.20
	50	LOW	QPSK	15.52	15.53	15.56	17.20
		MID	QPSK	15.58	15.54	15.58	17.20
		HIGH	QPSK	15.57	15.55	15.54	17.20
100	LOW	QPSK	15.54	15.54	15.60	17.20	
20	1	LOW	Q16	15.76	15.82	15.72	17.20
		MID	Q16	15.78	15.92	15.96	17.20
		HIGH	Q16	15.88	15.85	15.88	17.20
	50	LOW	Q16	15.53	15.54	15.57	17.20
		MID	Q16	15.61	15.55	15.58	17.20
		HIGH	Q16	15.57	15.54	15.51	17.20
100	LOW	Q16	15.60	15.54	15.60	17.20	
20	1	LOW	64QAM	15.63	15.91	15.81	17.20
		MID	64QAM	15.91	15.94	15.90	17.20
		HIGH	64QAM	15.93	15.99	15.80	17.20
	50	LOW	64QAM	15.65	15.67	15.44	17.20
		MID	64QAM	15.46	15.47	15.55	17.20
		HIGH	64QAM	15.70	15.64	15.39	17.20
	100	LOW	64QAM	15.74	15.47	15.55	17.20

LTE B2-Level 2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.55	14.39	14.26	16.20
		MID	QPSK	14.43	14.63	14.67	16.20
		HIGH	QPSK	14.37	14.46	14.48	16.20
	3	LOW	QPSK	14.48	14.54	14.82	16.20
		MID	QPSK	14.83	14.53	14.78	16.20
		HIGH	QPSK	14.73	14.58	14.67	16.20
	6	LOW	QPSK	14.64	14.74	14.58	16.20
1.4	1	LOW	Q16	15.01	14.77	14.69	16.20
		MID	Q16	14.84	14.91	15.08	16.20
		HIGH	Q16	14.69	14.88	14.87	16.20
	3	LOW	Q16	14.72	14.79	14.64	16.20
		MID	Q16	14.69	14.76	14.53	16.20
		HIGH	Q16	14.77	14.57	14.68	16.20
	6	LOW	Q16	14.71	14.58	14.58	16.20
1.4	1	LOW	64QAM	14.98	14.66	14.54	16.20
		MID	64QAM	14.79	14.98	15.12	16.20
		HIGH	64QAM	14.82	14.95	14.77	16.20
	3	LOW	64QAM	14.83	14.77	14.71	16.20
		MID	64QAM	14.82	14.84	14.66	16.20
		HIGH	64QAM	14.77	14.49	14.82	16.20
	6	LOW	64QAM	14.70	14.62	14.51	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	14.42	14.61	14.47	16.20
		MID	QPSK	14.52	14.54	14.58	16.20
		HIGH	QPSK	14.53	14.63	14.56	16.20
	8	LOW	QPSK	14.46	14.65	14.78	16.20
		MID	QPSK	14.67	14.49	14.79	16.20
		HIGH	QPSK	14.68	14.57	14.59	16.20
	15	LOW	QPSK	14.67	14.73	14.58	16.20
3	1	LOW	Q16	14.91	14.88	14.68	16.20
		MID	Q16	14.99	14.97	14.99	16.20
		HIGH	Q16	14.94	14.99	14.92	16.20
	8	LOW	Q16	14.53	14.63	14.71	16.20
		MID	Q16	14.79	14.58	14.59	16.20
		HIGH	Q16	14.53	14.78	14.75	16.20
	15	LOW	Q16	14.74	14.66	14.76	16.20
3	1	LOW	64QAM	14.78	14.95	14.69	16.20
		MID	64QAM	14.85	14.88	14.96	16.20
		HIGH	64QAM	14.87	14.99	14.85	16.20
	8	LOW	64QAM	14.68	14.69	14.77	16.20
		MID	64QAM	14.61	14.78	14.53	16.20
		HIGH	64QAM	14.71	14.59	14.52	16.20
	15	LOW	64QAM	14.68	14.63	14.53	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	14.39	14.64	14.53	16.20
		MID	QPSK	14.61	14.49	14.45	16.20
		HIGH	QPSK	14.50	14.50	14.69	16.20
	12	LOW	QPSK	14.66	14.56	14.55	16.20
		MID	QPSK	14.84	14.68	14.61	16.20
		HIGH	QPSK	14.79	14.71	14.64	16.20
	25	LOW	QPSK	14.77	14.76	14.70	16.20
5	1	LOW	Q16	14.88	15.03	14.90	16.20
		MID	Q16	14.99	14.91	14.91	16.20
		HIGH	Q16	14.77	14.95	15.13	16.20
	12	LOW	Q16	14.61	14.66	14.70	16.20
		MID	Q16	14.62	14.70	14.51	16.20
		HIGH	Q16	14.72	14.59	14.69	16.20
	25	LOW	Q16	14.73	14.76	14.80	16.20
5	1	LOW	64QAM	14.84	14.93	14.73	16.20
		MID	64QAM	14.90	14.99	14.91	16.20
		HIGH	64QAM	14.80	14.93	15.00	16.20
	12	LOW	64QAM	14.64	14.80	14.76	16.20
		MID	64QAM	14.82	14.63	14.64	16.20
		HIGH	64QAM	14.80	14.52	14.62	16.20
	25	LOW	64QAM	14.55	14.54	14.76	16.20

LTE B2-Level 2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	14.43	14.48	14.28	16.20
		MID	QPSK	14.72	14.72	14.63	16.20
		HIGH	QPSK	14.66	14.64	14.47	16.20
	25	LOW	QPSK	14.47	14.67	14.59	16.20
		MID	QPSK	14.54	14.56	14.81	16.20
		HIGH	QPSK	14.52	14.70	14.71	16.20
	50	LOW	QPSK	14.55	14.56	14.68	16.20
10	1	LOW	Q16	14.89	14.97	14.68	16.20
		MID	Q16	14.84	15.05	14.93	16.20
		HIGH	Q16	14.95	14.97	14.93	16.20
	25	LOW	Q16	14.54	14.67	14.60	16.20
		MID	Q16	14.83	14.60	14.74	16.20
		HIGH	Q16	14.81	14.73	14.76	16.20
	50	LOW	Q16	14.72	14.67	14.59	16.20
10	1	LOW	64QAM	14.88	14.98	14.78	16.20
		MID	64QAM	15.05	15.07	14.89	16.20
		HIGH	64QAM	14.96	15.11	14.91	16.20
	25	LOW	64QAM	14.74	14.51	14.56	16.20
		MID	64QAM	14.62	14.76	14.65	16.20
		HIGH	64QAM	14.62	14.67	14.62	16.20
	50	LOW	64QAM	14.58	14.55	14.67	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	14.62	14.39	14.45	16.20
		MID	QPSK	14.70	14.74	14.54	16.20
		HIGH	QPSK	14.52	14.63	14.42	16.20
	36	LOW	QPSK	14.73	14.51	14.77	16.20
		MID	QPSK	14.62	14.51	14.76	16.20
		HIGH	QPSK	14.70	14.56	14.54	16.20
	75	LOW	QPSK	14.61	14.71	14.55	16.20
15	1	LOW	Q16	15.03	14.83	14.86	16.20
		MID	Q16	15.05	15.15	14.91	16.20
		HIGH	Q16	14.98	15.03	14.88	16.20
	36	LOW	Q16	14.70	14.78	14.61	16.20
		MID	Q16	14.86	14.61	14.54	16.20
		HIGH	Q16	14.64	14.64	14.74	16.20
	75	LOW	Q16	14.73	14.75	14.78	16.20
15	1	LOW	64QAM	14.72	14.88	14.92	16.20
		MID	64QAM	15.04	15.15	14.89	16.20
		HIGH	64QAM	14.97	14.87	14.78	16.20
	36	LOW	64QAM	14.53	14.62	14.57	16.20
		MID	64QAM	14.84	14.57	14.70	16.20
		HIGH	64QAM	14.52	14.70	14.66	16.20
	75	LOW	64QAM	14.70	14.48	14.74	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	14.52	14.51	14.41	16.20
		MID	QPSK	14.57	14.62	14.58	16.20
		HIGH	QPSK	14.52	14.56	14.55	16.20
	50	LOW	QPSK	14.60	14.64	14.69	16.20
		MID	QPSK	14.69	14.64	14.68	16.20
		HIGH	QPSK	14.65	14.64	14.62	16.20
	100	LOW	QPSK	14.66	14.65	14.69	16.20
20	1	LOW	Q16	14.87	14.94	14.82	16.20
		MID	Q16	14.98	15.05	15.02	16.20
		HIGH	Q16	14.90	14.99	15.00	16.20
	50	LOW	Q16	14.64	14.66	14.69	16.20
		MID	Q16	14.71	14.64	14.65	16.20
		HIGH	Q16	14.66	14.65	14.62	16.20
	100	LOW	Q16	14.69	14.63	14.68	16.20
20	1	LOW	64QAM	15.00	14.84	14.90	16.20
		MID	64QAM	15.05	14.94	14.97	16.20
		HIGH	64QAM	14.88	14.85	14.96	16.20
	50	LOW	64QAM	14.59	14.64	14.68	16.20
		MID	64QAM	14.73	14.61	14.77	16.20
		HIGH	64QAM	14.75	14.71	14.72	16.20
	100	LOW	64QAM	14.67	14.72	14.57	16.20

LTE B2-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.22	22.25	22.38	23.70
		MID	QPSK	22.24	22.26	22.44	23.70
		HIGH	QPSK	22.26	22.25	22.43	23.70
	3	LOW	QPSK	22.35	22.29	22.54	23.70
		MID	QPSK	22.35	22.32	22.55	23.70
		HIGH	QPSK	22.31	22.31	22.54	23.70
1.4	1	LOW	QPSK	21.34	21.31	21.53	22.70
		MID	QPSK	21.34	21.31	21.53	22.70
		HIGH	QPSK	21.34	21.31	21.53	22.70
	3	LOW	QPSK	21.36	21.49	21.68	22.70
		MID	QPSK	21.38	21.48	21.66	22.70
		HIGH	QPSK	21.37	21.48	21.67	22.70
1.4	1	LOW	QPSK	20.44	20.18	20.68	21.70
		MID	QPSK	20.44	20.18	20.68	21.70
		HIGH	QPSK	20.44	20.18	20.68	21.70
	3	LOW	QPSK	20.42	20.42	20.66	21.70
		MID	QPSK	20.33	20.61	20.73	21.70
		HIGH	QPSK	20.47	20.63	20.65	21.70
1.4	1	LOW	QPSK	19.43	19.31	19.60	20.70
		MID	QPSK	19.43	19.31	19.60	20.70
		HIGH	QPSK	19.43	19.31	19.60	20.70
	3	LOW	QPSK	20.35	20.64	20.43	21.70
		MID	QPSK	20.41	20.58	20.36	21.70
		HIGH	QPSK	20.44	20.52	20.59	21.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.30	22.20	22.41	23.70
		MID	QPSK	22.32	22.28	22.46	23.70
		HIGH	QPSK	22.33	22.30	22.47	23.70
	8	LOW	QPSK	21.32	21.28	21.54	22.70
		MID	QPSK	21.36	21.30	21.53	22.70
		HIGH	QPSK	21.33	21.30	21.50	22.70
3	1	LOW	QPSK	21.33	21.28	21.53	22.70
		MID	QPSK	21.33	21.28	21.53	22.70
		HIGH	QPSK	21.33	21.28	21.53	22.70
	8	LOW	QPSK	21.26	21.65	21.52	22.70
		MID	QPSK	21.27	21.72	21.52	22.70
		HIGH	QPSK	21.28	21.70	21.49	22.70
3	1	LOW	QPSK	20.43	20.36	20.55	21.70
		MID	QPSK	20.44	20.39	20.56	21.70
		HIGH	QPSK	20.42	20.38	20.55	21.70
	8	LOW	QPSK	20.37	20.32	20.50	21.70
		MID	QPSK	20.37	20.32	20.50	21.70
		HIGH	QPSK	20.37	20.32	20.50	21.70
3	1	LOW	QPSK	20.39	20.74	20.44	21.70
		MID	QPSK	20.17	20.67	20.57	21.70
		HIGH	QPSK	20.32	20.77	20.48	21.70
	8	LOW	QPSK	19.42	19.33	19.44	21.70
		MID	QPSK	19.30	19.28	19.59	21.70
		HIGH	QPSK	19.47	19.45	19.52	21.70
3	1	LOW	QPSK	19.24	19.33	19.40	20.70
		MID	QPSK	19.24	19.33	19.40	20.70
		HIGH	QPSK	19.24	19.33	19.40	20.70
	8	LOW	QPSK	19.42	19.33	19.44	21.70
		MID	QPSK	19.30	19.28	19.59	21.70
		HIGH	QPSK	19.47	19.45	19.52	21.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.43	22.27	22.52	23.70
		MID	QPSK	22.52	22.35	22.57	23.70
		HIGH	QPSK	22.48	22.33	22.60	23.70
	12	LOW	QPSK	21.36	21.32	21.56	22.70
		MID	QPSK	21.38	21.32	21.54	22.70
		HIGH	QPSK	21.36	21.35	21.55	22.70
5	1	LOW	QPSK	21.38	21.34	21.57	22.70
		MID	QPSK	21.38	21.34	21.57	22.70
		HIGH	QPSK	21.38	21.34	21.57	22.70
	12	LOW	QPSK	21.64	21.82	21.63	22.70
		MID	QPSK	21.68	21.90	21.59	22.70
		HIGH	QPSK	21.63	21.89	21.57	22.70
5	1	LOW	QPSK	20.46	20.46	20.64	21.70
		MID	QPSK	20.40	20.47	20.64	21.70
		HIGH	QPSK	20.44	20.46	20.59	21.70
	12	LOW	QPSK	20.39	20.41	20.56	21.70
		MID	QPSK	20.39	20.41	20.56	21.70
		HIGH	QPSK	20.39	20.41	20.56	21.70
5	1	LOW	QPSK	20.62	20.90	20.76	21.70
		MID	QPSK	20.82	20.82	20.63	21.70
		HIGH	QPSK	20.76	20.99	20.72	21.70
	12	LOW	QPSK	19.48	19.40	19.77	20.70
		MID	QPSK	19.40	19.56	19.78	20.70
		HIGH	QPSK	19.46	19.33	19.46	20.70
5	1	LOW	QPSK	19.45	19.47	19.71	20.70
		MID	QPSK	19.45	19.47	19.71	20.70
		HIGH	QPSK	19.45	19.47	19.71	20.70
	12	LOW	QPSK	19.45	19.47	19.71	20.70
		MID	QPSK	19.45	19.47	19.71	20.70
		HIGH	QPSK	19.45	19.47	19.71	20.70

LTE B2-Level4-off -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)		
10	1	LOW	QPSK	22.34	22.25	22.24	23.70		
		MID	QPSK	22.35	22.33	22.34	23.70		
		HIGH	QPSK	22.35	22.31	22.32	23.70		
	25	LOW	QPSK	21.33	21.34	21.39	22.70		
		MID	QPSK	21.38	21.35	21.34	22.70		
		HIGH	QPSK	21.39	21.34	21.39	22.70		
	50	LOW	QPSK	21.39	21.32	21.38	22.70		
10	1	LOW	Q16	21.30	21.61	21.29	22.70		
		MID	Q16	21.27	21.71	21.37	22.70		
		HIGH	Q16	21.26	21.70	21.33	22.70		
	25	LOW	Q16	20.39	20.38	20.66	21.70		
		MID	Q16	20.40	20.41	20.64	21.70		
		HIGH	Q16	20.43	20.38	20.46	21.70		
	50	LOW	Q16	20.38	20.36	20.59	21.70		
10	1	LOW	64QAM	20.15	20.64	20.31	21.70		
		MID	64QAM	20.18	20.84	20.23	21.70		
		HIGH	64QAM	20.29	20.67	20.18	21.70		
	25	LOW	64QAM	19.31	19.23	19.57	20.70		
		MID	64QAM	19.55	19.46	19.58	20.70		
		HIGH	64QAM	19.32	19.38	19.46	20.70		
	50	LOW	64QAM	19.50	19.37	19.71	20.70		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)		
15	1	LOW	QPSK	22.30	22.17	22.11	23.70		
		MID	QPSK	22.36	22.34	22.25	23.70		
		HIGH	QPSK	22.26	22.27	22.22	23.70		
	36	LOW	QPSK	21.32	21.26	21.30	22.70		
		MID	QPSK	21.35	21.31	21.29	22.70		
		HIGH	QPSK	21.34	21.30	21.32	22.70		
15	75	LOW	QPSK	21.36	21.27	21.34	22.70		
		1	LOW	Q16	21.23	21.56	21.57	22.70	
			MID	Q16	21.30	21.71	21.69	22.70	
	HIGH		Q16	21.20	21.64	21.60	22.70		
	36	LOW	Q16	20.34	20.33	20.47	21.70		
		MID	Q16	20.36	20.39	20.49	21.70		
HIGH		Q16	20.35	20.36	20.38	21.70			
15	75	LOW	Q16	20.32	20.27	20.46	21.70		
		1	LOW	64QAM	20.13	20.65	20.64	21.70	
			MID	64QAM	20.18	20.65	20.62	21.70	
	HIGH		64QAM	20.11	20.56	20.52	21.70		
	36	LOW	64QAM	19.42	19.40	19.60	20.70		
		MID	64QAM	19.48	19.53	19.49	20.70		
HIGH		64QAM	19.49	19.25	19.42	20.70			
15	75	LOW	64QAM	19.32	19.35	19.51	20.70		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
		20	1	LOW	QPSK	22.25	22.21	21.97	23.70
	MID			QPSK	22.32	22.38	22.28	23.70	
	HIGH			QPSK	22.22	22.33	22.21	23.70	
	50		LOW	QPSK	21.32	21.35	21.35	22.70	
MID			QPSK	21.39	21.37	21.35	22.70		
HIGH			QPSK	21.39	21.37	21.31	22.70		
100	LOW	QPSK	21.34	21.34	21.36	22.70			
20	1	LOW	Q16	21.84	21.65	21.43	22.70		
		MID	Q16	21.89	21.80	21.77	22.70		
		HIGH	Q16	21.79	21.69	21.66	22.70		
	50	LOW	Q16	20.33	20.35	20.49	21.70		
		MID	Q16	20.41	20.37	20.49	21.70		
		HIGH	Q16	20.38	20.37	20.43	21.70		
100	LOW	Q16	20.37	20.32	20.50	21.70			
20	1	LOW	64QAM	20.89	20.80	20.58	21.70		
		MID	64QAM	20.74	20.80	20.85	21.70		
		HIGH	64QAM	20.83	20.61	20.61	21.70		
	50	LOW	64QAM	19.33	19.30	19.50	20.70		
		MID	64QAM	19.44	19.30	19.43	20.70		
		HIGH	64QAM	19.52	19.39	19.33	20.70		
100	LOW	64QAM	19.23	19.40	19.50	20.70			

LTE B2-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.71	18.76	18.86	20.70
		MID	QPSK	18.76	18.71	18.82	20.70
		HIGH	QPSK	18.93	18.73	18.84	20.70
	3	LOW	QPSK	18.78	18.76	18.85	20.70
		MID	QPSK	18.91	18.84	18.98	20.70
		HIGH	QPSK	18.92	18.79	18.79	20.70
	6	LOW	QPSK	18.70	18.70	18.83	20.70
1.4	1	LOW	Q16	19.21	19.26	19.07	20.70
		MID	Q16	19.25	19.11	19.11	20.70
		HIGH	Q16	19.11	19.09	19.29	20.70
	3	LOW	Q16	18.83	18.80	18.87	20.70
		MID	Q16	18.73	18.92	18.89	20.70
		HIGH	Q16	18.89	18.74	18.77	20.70
	6	LOW	Q16	18.83	18.74	18.80	20.70
1.4	1	LOW	64QAM	19.15	19.24	19.01	20.70
		MID	64QAM	19.23	18.98	18.99	20.70
		HIGH	64QAM	19.05	18.98	19.19	20.70
	3	LOW	64QAM	18.85	18.70	18.73	20.70
		MID	64QAM	18.76	18.95	19.01	20.70
		HIGH	64QAM	18.79	18.78	18.81	20.70
	6	LOW	64QAM	18.76	18.78	18.93	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.87	18.81	18.76	20.70
		MID	QPSK	18.79	18.87	18.92	20.70
		HIGH	QPSK	19.00	18.87	18.83	20.70
	8	LOW	QPSK	18.81	18.70	18.86	20.70
		MID	QPSK	18.87	18.90	18.95	20.70
		HIGH	QPSK	18.80	18.96	18.70	20.70
	15	LOW	QPSK	18.76	18.77	18.82	20.70
3	1	LOW	Q16	19.26	19.05	19.06	20.70
		MID	Q16	19.21	19.20	19.33	20.70
		HIGH	Q16	19.36	19.06	19.28	20.70
	8	LOW	Q16	18.70	18.94	18.82	20.70
		MID	Q16	18.76	18.70	19.01	20.70
		HIGH	Q16	18.93	18.71	18.77	20.70
	15	LOW	Q16	18.89	18.79	18.96	20.70
3	1	LOW	64QAM	19.23	19.14	19.16	20.70
		MID	64QAM	19.21	19.14	19.40	20.70
		HIGH	64QAM	19.17	19.25	19.21	20.70
	8	LOW	64QAM	18.89	18.79	19.01	20.70
		MID	64QAM	18.93	18.94	18.89	20.70
		HIGH	64QAM	18.89	18.96	18.82	20.70
	15	LOW	64QAM	18.93	18.78	18.93	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.81	18.77	18.85	20.70
		MID	QPSK	18.72	18.79	18.88	20.70
		HIGH	QPSK	18.99	18.86	18.80	20.70
	12	LOW	QPSK	18.76	18.77	18.98	20.70
		MID	QPSK	18.84	18.91	18.80	20.70
		HIGH	QPSK	18.73	18.73	18.83	20.70
	25	LOW	QPSK	18.86	18.70	18.75	20.70
5	1	LOW	Q16	19.11	19.18	19.15	20.70
		MID	Q16	19.21	19.21	19.11	20.70
		HIGH	Q16	19.10	19.06	19.30	20.70
	12	LOW	Q16	18.88	18.93	18.98	20.70
		MID	Q16	18.88	18.90	18.72	20.70
		HIGH	Q16	18.98	18.79	18.95	20.70
	25	LOW	Q16	18.77	18.78	18.76	20.70
5	1	LOW	64QAM	18.98	19.23	19.01	20.70
		MID	64QAM	19.10	19.26	19.05	20.70
		HIGH	64QAM	19.14	19.08	19.30	20.70
	12	LOW	64QAM	18.76	18.90	19.00	20.70
		MID	64QAM	18.90	18.82	18.74	20.70
		HIGH	64QAM	19.04	18.77	18.90	20.70
	25	LOW	64QAM	18.74	18.74	18.78	20.70

LTE B2-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.85	18.82	18.77	20.70
		MID	QPSK	18.70	18.73	18.92	20.70
		HIGH	QPSK	18.87	18.74	18.76	20.70
	25	LOW	QPSK	18.77	18.79	18.73	20.70
		MID	QPSK	18.79	18.71	18.99	20.70
		HIGH	QPSK	18.93	18.96	18.90	20.70
	50	LOW	QPSK	18.70	18.74	18.82	20.70
10	1	LOW	Q16	19.31	19.03	18.94	20.70
		MID	Q16	18.91	18.78	19.22	20.70
		HIGH	Q16	19.26	19.19	19.14	20.70
	25	LOW	Q16	18.78	18.75	18.90	20.70
		MID	Q16	18.90	18.76	18.79	20.70
		HIGH	Q16	18.80	18.74	18.73	20.70
	50	LOW	Q16	18.91	18.91	18.95	20.70
10	1	LOW	64QAM	19.25	19.20	19.10	20.70
		MID	64QAM	18.77	18.92	19.30	20.70
		HIGH	64QAM	19.16	19.02	19.10	20.70
	25	LOW	64QAM	18.73	18.78	18.89	20.70
		MID	64QAM	18.97	18.84	18.90	20.70
		HIGH	64QAM	18.83	18.96	18.90	20.70
	50	LOW	64QAM	18.84	18.86	18.74	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.85	18.84	18.84	20.70
		MID	QPSK	18.73	18.89	18.78	20.70
		HIGH	QPSK	18.79	18.75	18.75	20.70
	36	LOW	QPSK	18.76	18.71	18.91	20.70
		MID	QPSK	18.84	18.74	18.77	20.70
		HIGH	QPSK	18.91	18.78	18.87	20.70
15	75	LOW	QPSK	18.80	18.80	18.86	20.70
15	1	LOW	Q16	19.09	19.11	19.05	20.70
		MID	Q16	19.18	19.12	19.18	20.70
		HIGH	Q16	19.27	19.25	19.20	20.70
	36	LOW	Q16	18.72	18.73	18.74	20.70
		MID	Q16	18.99	18.82	18.79	20.70
		HIGH	Q16	18.84	18.75	18.93	20.70
	75	LOW	Q16	18.71	18.73	18.86	20.70
15	1	LOW	64QAM	19.17	19.00	19.14	20.70
		MID	64QAM	19.17	19.37	19.26	20.70
		HIGH	64QAM	19.25	19.21	19.15	20.70
	36	LOW	64QAM	18.72	18.81	18.86	20.70
		MID	64QAM	18.72	18.81	18.96	20.70
		HIGH	64QAM	18.98	18.83	18.79	20.70
	75	LOW	64QAM	18.91	18.81	18.91	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.75	18.82	18.71	20.70
		MID	QPSK	18.72	18.77	18.87	20.70
		HIGH	QPSK	18.86	18.76	18.75	20.70
	50	LOW	QPSK	18.72	18.72	18.88	20.70
		MID	QPSK	18.78	18.76	18.88	20.70
		HIGH	QPSK	18.88	18.83	18.85	20.70
20	100	LOW	QPSK	18.74	18.73	18.89	20.70
20	1	LOW	Q16	19.23	19.12	19.04	20.70
		MID	Q16	19.15	19.24	19.25	20.70
		HIGH	Q16	19.22	19.15	19.25	20.70
	50	LOW	Q16	18.77	18.80	18.88	20.70
		MID	Q16	18.85	18.80	18.87	20.70
		HIGH	Q16	18.84	18.81	18.87	20.70
	100	LOW	Q16	18.80	18.80	18.89	20.70
20	1	LOW	64QAM	19.21	18.97	18.94	20.70
		MID	64QAM	19.20	19.27	19.19	20.70
		HIGH	64QAM	19.33	19.13	19.21	20.70
	50	LOW	64QAM	18.78	18.74	18.74	20.70
		MID	64QAM	18.76	18.94	19.01	20.70
		HIGH	64QAM	18.89	18.92	19.02	20.70
	100	LOW	64QAM	18.91	18.92	18.95	20.70

LTE B2-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.22	22.25	22.38	23.70
		MID	QPSK	22.24	22.26	22.44	23.70
		HIGH	QPSK	22.26	22.25	22.43	23.70
	3	LOW	QPSK	22.35	22.29	22.54	23.70
		MID	QPSK	22.35	22.32	22.55	23.70
		HIGH	QPSK	22.31	22.31	22.54	23.70
6	LOW	QPSK	21.34	21.31	21.53	22.70	
1.4	1	LOW	Q16	21.45	21.69	21.50	22.70
		MID	Q16	21.45	21.67	21.51	22.70
		HIGH	Q16	21.48	21.67	21.51	22.70
	3	LOW	Q16	21.36	21.49	21.68	22.70
		MID	Q16	21.38	21.48	21.66	22.70
		HIGH	Q16	21.37	21.48	21.67	22.70
6	LOW	Q16	20.44	20.18	20.68	21.70	
1.4	1	LOW	64QAM	20.35	20.64	20.43	21.70
		MID	64QAM	20.41	20.58	20.36	21.70
		HIGH	64QAM	20.44	20.52	20.59	21.70
	3	LOW	64QAM	20.42	20.42	20.66	21.70
		MID	64QAM	20.33	20.61	20.73	21.70
		HIGH	64QAM	20.47	20.63	20.65	21.70
6	LOW	64QAM	19.43	19.31	19.60	20.70	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.30	22.20	22.41	23.70
		MID	QPSK	22.32	22.28	22.46	23.70
		HIGH	QPSK	22.33	22.30	22.47	23.70
	8	LOW	QPSK	21.32	21.28	21.54	22.70
		MID	QPSK	21.36	21.30	21.53	22.70
		HIGH	QPSK	21.33	21.30	21.50	22.70
15	LOW	QPSK	21.33	21.28	21.53	22.70	
3	1	LOW	Q16	21.26	21.65	21.52	22.70
		MID	Q16	21.27	21.72	21.52	22.70
		HIGH	Q16	21.28	21.70	21.49	22.70
	8	LOW	Q16	20.43	20.36	20.55	21.70
		MID	Q16	20.44	20.39	20.56	21.70
		HIGH	Q16	20.42	20.38	20.55	21.70
15	LOW	Q16	20.37	20.32	20.50	21.70	
3	1	LOW	64QAM	20.39	20.74	20.44	21.70
		MID	64QAM	20.17	20.67	20.57	21.70
		HIGH	64QAM	20.32	20.77	20.48	21.70
	8	LOW	64QAM	19.42	19.33	19.44	21.70
		MID	64QAM	19.30	19.28	19.59	21.70
		HIGH	64QAM	19.47	19.45	19.52	21.70
15	LOW	64QAM	19.24	19.33	19.40	20.70	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.43	22.27	22.52	23.70
		MID	QPSK	22.52	22.35	22.57	23.70
		HIGH	QPSK	22.48	22.33	22.60	23.70
	12	LOW	QPSK	21.36	21.32	21.56	22.70
		MID	QPSK	21.38	21.32	21.54	22.70
		HIGH	QPSK	21.36	21.35	21.55	22.70
25	LOW	QPSK	21.38	21.34	21.57	22.70	
5	1	LOW	Q16	21.64	21.82	21.63	22.70
		MID	Q16	21.68	21.90	21.59	22.70
		HIGH	Q16	21.63	21.89	21.57	22.70
	12	LOW	Q16	20.46	20.46	20.64	21.70
		MID	Q16	20.40	20.47	20.64	21.70
		HIGH	Q16	20.44	20.46	20.59	21.70
25	LOW	Q16	20.39	20.41	20.56	21.70	
5	1	LOW	64QAM	20.62	20.90	20.76	21.70
		MID	64QAM	20.82	20.82	20.63	21.70
		HIGH	64QAM	20.76	20.99	20.72	21.70
	12	LOW	64QAM	19.48	19.40	19.77	20.70
		MID	64QAM	19.40	19.56	19.78	20.70
		HIGH	64QAM	19.46	19.33	19.46	20.70
25	LOW	64QAM	19.45	19.47	19.71	20.70	

LTE B2-Level5&6-off -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)		
10	1	LOW	QPSK	22.34	22.25	22.24	23.70		
		MID	QPSK	22.35	22.33	22.34	23.70		
		HIGH	QPSK	22.35	22.31	22.32	23.70		
	25	LOW	QPSK	21.33	21.34	21.39	22.70		
		MID	QPSK	21.38	21.35	21.34	22.70		
		HIGH	QPSK	21.39	21.34	21.39	22.70		
	50	LOW	QPSK	21.39	21.32	21.38	22.70		
10	1	LOW	Q16	21.30	21.61	21.29	22.70		
		MID	Q16	21.27	21.71	21.37	22.70		
		HIGH	Q16	21.26	21.70	21.33	22.70		
	25	LOW	Q16	20.39	20.38	20.66	21.70		
		MID	Q16	20.40	20.41	20.64	21.70		
		HIGH	Q16	20.43	20.38	20.46	21.70		
	50	LOW	Q16	20.38	20.36	20.59	21.70		
10	1	LOW	64QAM	20.15	20.64	20.31	21.70		
		MID	64QAM	20.18	20.84	20.23	21.70		
		HIGH	64QAM	20.29	20.67	20.18	21.70		
	25	LOW	64QAM	19.31	19.23	19.57	20.70		
		MID	64QAM	19.55	19.46	19.58	20.70		
		HIGH	64QAM	19.32	19.38	19.46	20.70		
	50	LOW	64QAM	19.50	19.37	19.71	20.70		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)		
15	1	LOW	QPSK	22.30	22.17	22.11	23.70		
		MID	QPSK	22.36	22.34	22.25	23.70		
		HIGH	QPSK	22.26	22.27	22.22	23.70		
	36	LOW	QPSK	21.32	21.26	21.30	22.70		
		MID	QPSK	21.35	21.31	21.29	22.70		
		HIGH	QPSK	21.34	21.30	21.32	22.70		
15	75	LOW	QPSK	21.36	21.27	21.34	22.70		
		1	LOW	Q16	21.23	21.56	21.57	22.70	
			MID	Q16	21.30	21.71	21.69	22.70	
	HIGH		Q16	21.20	21.64	21.60	22.70		
	36	LOW	Q16	20.34	20.33	20.47	21.70		
		MID	Q16	20.36	20.39	20.49	21.70		
HIGH		Q16	20.35	20.36	20.38	21.70			
15	75	LOW	Q16	20.32	20.27	20.46	21.70		
		1	LOW	64QAM	20.13	20.65	20.64	21.70	
			MID	64QAM	20.18	20.65	20.62	21.70	
	HIGH		64QAM	20.11	20.56	20.52	21.70		
	36	LOW	64QAM	19.42	19.40	19.60	20.70		
		MID	64QAM	19.48	19.53	19.49	20.70		
HIGH		64QAM	19.49	19.25	19.42	20.70			
15	75	LOW	64QAM	19.32	19.35	19.51	20.70		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
		20	1	LOW	QPSK	22.25	22.21	21.97	23.70
	MID			QPSK	22.32	22.38	22.28	23.70	
	HIGH			QPSK	22.22	22.33	22.21	23.70	
	50		LOW	QPSK	21.32	21.35	21.35	22.70	
MID			QPSK	21.39	21.37	21.35	22.70		
HIGH			QPSK	21.39	21.37	21.31	22.70		
100	LOW	QPSK	21.34	21.34	21.36	22.70			
20	1	LOW	Q16	21.84	21.65	21.43	22.70		
		MID	Q16	21.89	21.80	21.77	22.70		
		HIGH	Q16	21.79	21.69	21.66	22.70		
	50	LOW	Q16	20.33	20.35	20.49	21.70		
		MID	Q16	20.41	20.37	20.49	21.70		
		HIGH	Q16	20.38	20.37	20.43	21.70		
100	LOW	Q16	20.37	20.32	20.50	21.70			
20	1	LOW	64QAM	20.89	20.80	20.58	21.70		
		MID	64QAM	20.74	20.80	20.85	21.70		
		HIGH	64QAM	20.83	20.61	20.61	21.70		
	50	LOW	64QAM	19.33	19.30	19.50	20.70		
		MID	64QAM	19.44	19.30	19.43	20.70		
		HIGH	64QAM	19.52	19.39	19.33	20.70		
100	LOW	64QAM	19.23	19.40	19.50	20.70			

LTE B2-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.25	19.22	19.03	20.20
		MID	QPSK	19.33	19.12	19.36	20.20
		HIGH	QPSK	19.06	19.26	19.30	20.20
	3	LOW	QPSK	19.17	19.24	19.42	20.20
		MID	QPSK	19.37	19.23	19.43	20.20
		HIGH	QPSK	19.33	19.15	19.33	20.20
	6	LOW	QPSK	19.31	19.36	19.39	20.20
1.4	1	LOW	Q16	19.48	19.48	19.53	20.20
		MID	Q16	19.37	19.57	19.70	20.20
		HIGH	Q16	19.52	19.61	19.70	20.20
	3	LOW	Q16	19.30	19.25	19.52	20.20
		MID	Q16	19.39	19.27	19.42	20.20
		HIGH	Q16	19.29	19.16	19.31	20.20
	6	LOW	Q16	19.33	19.13	19.50	20.20
1.4	1	LOW	64QAM	19.62	19.56	19.45	20.20
		MID	64QAM	19.81	19.61	19.72	20.20
		HIGH	64QAM	19.54	19.65	19.58	20.20
	3	LOW	64QAM	19.34	19.36	19.35	20.20
		MID	64QAM	19.35	19.28	19.26	20.20
		HIGH	64QAM	19.42	19.21	19.21	20.20
	6	LOW	64QAM	19.35	19.24	19.32	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.09	19.11	19.01	20.20
		MID	QPSK	19.07	19.37	19.44	20.20
		HIGH	QPSK	19.16	19.19	19.42	20.20
	8	LOW	QPSK	19.18	19.12	19.27	20.20
		MID	QPSK	19.24	19.29	19.39	20.20
		HIGH	QPSK	19.31	19.38	19.38	20.20
	15	LOW	QPSK	19.37	19.32	19.29	20.20
3	1	LOW	Q16	19.56	19.59	19.51	20.20
		MID	Q16	19.54	19.68	19.87	20.20
		HIGH	Q16	19.61	19.53	19.74	20.20
	8	LOW	Q16	19.26	19.21	19.54	20.20
		MID	Q16	19.17	19.30	19.35	20.20
		HIGH	Q16	19.44	19.26	19.48	20.20
	15	LOW	Q16	19.36	19.12	19.40	20.20
3	1	LOW	64QAM	19.56	19.46	19.44	20.20
		MID	64QAM	19.57	19.83	19.84	20.20
		HIGH	64QAM	19.46	19.65	19.76	20.20
	8	LOW	64QAM	19.23	19.18	19.27	20.20
		MID	64QAM	19.19	19.16	19.28	20.20
		HIGH	64QAM	19.29	19.37	19.26	20.20
	15	LOW	64QAM	19.21	19.22	19.47	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.12	19.25	19.15	20.20
		MID	QPSK	19.07	19.16	19.41	20.20
		HIGH	QPSK	19.17	19.21	19.34	20.20
	12	LOW	QPSK	19.05	19.22	19.25	20.20
		MID	QPSK	19.43	19.25	19.52	20.20
		HIGH	QPSK	19.37	19.23	19.52	20.20
	25	LOW	QPSK	19.17	19.33	19.44	20.20
5	1	LOW	Q16	19.60	19.45	19.61	20.20
		MID	Q16	19.44	19.53	19.91	20.20
		HIGH	Q16	19.66	19.60	19.69	20.20
	12	LOW	Q16	19.13	19.32	19.30	20.20
		MID	Q16	19.40	19.24	19.47	20.20
		HIGH	Q16	19.28	19.42	19.38	20.20
	25	LOW	Q16	19.20	19.29	19.56	20.20
5	1	LOW	64QAM	19.55	19.49	19.58	20.20
		MID	64QAM	19.53	19.61	19.89	20.20
		HIGH	64QAM	19.61	19.51	19.81	20.20
	12	LOW	64QAM	19.15	19.20	19.45	20.20
		MID	64QAM	19.38	19.19	19.30	20.20
		HIGH	64QAM	19.26	19.17	19.37	20.20
	25	LOW	64QAM	19.20	19.24	19.50	20.20

LTE B2-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.17	19.27	19.07	20.20
		MID	QPSK	19.26	19.23	19.18	20.20
		HIGH	QPSK	19.12	19.06	19.19	20.20
	25	LOW	QPSK	19.05	19.20	19.43	20.20
		MID	QPSK	19.42	19.13	19.42	20.20
		HIGH	QPSK	19.31	19.18	19.23	20.20
	50	LOW	QPSK	19.33	19.33	19.54	20.20
10	1	LOW	Q16	19.57	19.48	19.45	20.20
		MID	Q16	19.63	19.56	19.68	20.20
		HIGH	Q16	19.59	19.52	19.64	20.20
	25	LOW	Q16	19.23	19.18	19.39	20.20
		MID	Q16	19.38	19.31	19.42	20.20
		HIGH	Q16	19.26	19.26	19.21	20.20
	50	LOW	Q16	19.33	19.11	19.42	20.20
10	1	LOW	64QAM	19.50	19.56	19.38	20.20
		MID	64QAM	19.51	19.54	19.66	20.20
		HIGH	64QAM	19.44	19.56	19.55	20.20
	25	LOW	64QAM	19.18	19.18	19.55	20.20
		MID	64QAM	19.45	19.20	19.38	20.20
		HIGH	64QAM	19.46	19.40	19.42	20.20
	50	LOW	64QAM	19.15	19.29	19.48	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.13	19.11	19.04	20.20
		MID	QPSK	19.19	19.32	19.15	20.20
		HIGH	QPSK	19.07	19.30	19.44	20.20
	36	LOW	QPSK	19.32	19.29	19.39	20.20
		MID	QPSK	19.32	19.09	19.40	20.20
		HIGH	QPSK	19.44	19.17	19.46	20.20
75	LOW	QPSK	19.24	19.27	19.52	20.20	
15	1	LOW	Q16	19.55	19.47	19.52	20.20
		MID	Q16	19.65	19.59	19.44	20.20
		HIGH	Q16	19.51	19.53	19.65	20.20
	36	LOW	Q16	19.35	19.19	19.39	20.20
		MID	Q16	19.43	19.29	19.40	20.20
		HIGH	Q16	19.28	19.17	19.34	20.20
75	LOW	Q16	19.28	19.16	19.54	20.20	
15	1	LOW	64QAM	19.58	19.51	19.46	20.20
		MID	64QAM	19.66	19.56	19.61	20.20
		HIGH	64QAM	19.43	19.51	19.83	20.20
	36	LOW	64QAM	19.18	19.26	19.42	20.20
		MID	64QAM	19.19	19.13	19.36	20.20
		HIGH	64QAM	19.35	19.30	19.37	20.20
	75	LOW	64QAM	19.15	19.18	19.38	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.11	19.13	19.14	20.20
		MID	QPSK	19.19	19.24	19.29	20.20
		HIGH	QPSK	19.10	19.18	19.30	20.20
	50	LOW	QPSK	19.20	19.23	19.36	20.20
		MID	QPSK	19.39	19.23	19.38	20.20
		HIGH	QPSK	19.31	19.29	19.37	20.20
100	LOW	QPSK	19.26	19.24	19.41	20.20	
20	1	LOW	Q16	19.55	19.58	19.55	20.20
		MID	Q16	19.68	19.71	19.62	20.20
		HIGH	Q16	19.28	19.61	19.72	20.20
	50	LOW	Q16	19.28	19.26	19.40	20.20
		MID	Q16	19.31	19.27	19.39	20.20
		HIGH	Q16	19.32	19.28	19.35	20.20
100	LOW	Q16	19.30	19.26	19.42	20.20	
20	1	LOW	64QAM	19.57	19.55	19.44	20.20
		MID	64QAM	19.67	19.57	19.70	20.20
		HIGH	64QAM	19.34	19.67	19.78	20.20
	50	LOW	64QAM	19.31	19.24	19.30	20.20
		MID	64QAM	19.29	19.13	19.54	20.20
		HIGH	64QAM	19.32	19.29	19.25	20.20
	100	LOW	64QAM	19.43	19.19	19.31	20.20

LTE B2-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.33	22.35	22.48	24.00
		MID	QPSK	22.38	22.34	22.52	24.00
		HIGH	QPSK	22.39	22.34	22.52	24.00
	3	LOW	QPSK	22.50	22.38	22.63	24.00
		MID	QPSK	22.51	22.40	22.65	24.00
		HIGH	QPSK	22.49	22.42	22.62	24.00
	6	LOW	QPSK	21.50	21.43	21.63	23.00
1.4	1	LOW	Q16	21.62	21.80	21.57	23.00
		MID	Q16	21.62	21.78	21.56	23.00
		HIGH	Q16	21.64	21.79	21.59	23.00
	3	LOW	Q16	21.53	21.62	21.77	23.00
		MID	Q16	21.57	21.58	21.78	23.00
		HIGH	Q16	21.57	21.61	21.75	23.00
	6	LOW	Q16	20.65	20.34	20.79	22.00
1.4	1	LOW	64QAM	20.58	20.93	20.65	22.00
		MID	64QAM	20.67	20.66	20.54	22.00
		HIGH	64QAM	20.75	20.94	20.61	22.00
	3	LOW	64QAM	20.47	20.72	20.89	22.00
		MID	64QAM	20.48	20.66	20.74	22.00
		HIGH	64QAM	20.71	20.47	20.88	22.00
	6	LOW	64QAM	19.80	19.23	19.65	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.56	22.36	22.51	24.00
		MID	QPSK	22.50	22.39	22.54	24.00
		HIGH	QPSK	22.52	22.39	22.57	24.00
	8	LOW	QPSK	21.54	21.42	21.62	23.00
		MID	QPSK	21.53	21.42	21.62	23.00
		HIGH	QPSK	21.53	21.42	21.60	23.00
15	LOW	QPSK	21.55	21.46	21.63	23.00	
3	1	LOW	Q16	21.47	21.76	21.62	23.00
		MID	Q16	21.45	21.84	21.60	23.00
		HIGH	Q16	21.44	21.79	21.60	23.00
	8	LOW	Q16	20.67	20.51	20.70	22.00
		MID	Q16	20.66	20.54	20.73	22.00
		HIGH	Q16	20.64	20.52	20.69	22.00
15	LOW	Q16	20.60	20.48	20.64	22.00	
3	1	LOW	64QAM	20.40	20.70	20.50	22.00
		MID	64QAM	20.52	20.84	20.71	22.00
		HIGH	64QAM	20.53	20.81	20.49	22.00
	8	LOW	64QAM	19.79	19.36	19.74	21.00
		MID	64QAM	19.55	19.65	19.60	21.00
		HIGH	64QAM	19.62	19.44	19.66	21.00
	15	LOW	64QAM	19.47	19.34	19.68	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.66	22.39	22.60	24.00
		MID	QPSK	22.70	22.44	22.62	24.00
		HIGH	QPSK	22.63	22.45	22.70	24.00
	12	LOW	QPSK	21.61	21.43	21.69	23.00
		MID	QPSK	21.56	21.48	21.68	23.00
		HIGH	QPSK	21.54	21.47	21.67	23.00
25	LOW	QPSK	21.53	21.47	21.70	23.00	
5	1	LOW	Q16	21.82	21.95	21.69	23.00
		MID	Q16	21.86	22.02	21.68	23.00
		HIGH	Q16	21.81	22.02	21.65	23.00
	12	LOW	Q16	20.64	20.58	20.69	22.00
		MID	Q16	20.64	20.60	20.73	22.00
		HIGH	Q16	20.65	20.61	20.70	22.00
25	LOW	Q16	20.61	20.56	20.67	22.00	
5	1	LOW	64QAM	20.72	20.87	20.78	22.00
		MID	64QAM	20.81	20.98	20.56	22.00
		HIGH	64QAM	20.72	21.14	20.80	22.00
	12	LOW	64QAM	19.52	19.54	19.79	21.00
		MID	64QAM	19.72	19.60	19.74	21.00
		HIGH	64QAM	19.62	19.69	19.84	21.00
25	LOW	64QAM	19.46	19.58	19.60	21.00	

LTE B2-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)		
10	1	LOW	QPSK	22.57	22.35	22.36	24.00		
		MID	QPSK	22.57	22.45	22.41	24.00		
		HIGH	QPSK	22.54	22.41	22.43	24.00		
	25	LOW	QPSK	21.55	21.43	21.49	23.00		
		MID	QPSK	21.56	21.45	21.48	23.00		
		HIGH	QPSK	21.56	21.50	21.52	23.00		
	50	LOW	QPSK	21.57	21.47	21.53	23.00		
10	1	LOW	Q16	21.45	21.73	21.33	23.00		
		MID	Q16	21.45	21.82	21.39	23.00		
		HIGH	Q16	21.43	21.79	21.29	23.00		
	25	LOW	Q16	20.58	20.47	20.64	22.00		
		MID	Q16	20.62	20.52	20.68	22.00		
		HIGH	Q16	20.61	20.56	20.55	22.00		
	50	LOW	Q16	20.58	20.49	20.61	22.00		
10	1	LOW	64QAM	20.43	20.80	20.39	22.00		
		MID	64QAM	20.48	20.74	20.47	22.00		
		HIGH	64QAM	20.35	20.86	20.42	22.00		
	25	LOW	64QAM	19.49	19.47	19.72	21.00		
		MID	64QAM	19.56	19.46	19.70	21.00		
		HIGH	64QAM	19.71	19.56	19.46	21.00		
	50	LOW	64QAM	19.72	19.64	19.50	21.00		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)		
15	1	LOW	QPSK	22.48	22.26	22.19	24.00		
		MID	QPSK	22.50	22.41	22.31	24.00		
		HIGH	QPSK	22.40	22.31	22.27	24.00		
	36	LOW	QPSK	21.46	21.36	21.43	23.00		
		MID	QPSK	21.51	21.43	21.40	23.00		
		HIGH	QPSK	21.48	21.43	21.38	23.00		
15	75	LOW	QPSK	21.50	21.42	21.46	23.00		
		1	LOW	Q16	21.36	21.69	21.60	23.00	
			MID	Q16	21.47	21.81	21.72	23.00	
	HIGH		Q16	21.31	21.71	21.66	23.00		
	36	LOW	Q16	20.51	20.42	20.62	22.00		
		MID	Q16	20.52	20.51	20.57	22.00		
HIGH		Q16	20.47	20.51	20.38	22.00			
15	75	LOW	Q16	20.47	20.41	20.60	22.00		
		1	LOW	64QAM	20.21	20.67	20.57	22.00	
			MID	64QAM	20.46	20.81	20.62	22.00	
	HIGH		64QAM	20.28	20.81	20.69	22.00		
	36	LOW	64QAM	19.62	19.50	19.63	21.00		
		MID	64QAM	19.56	19.60	19.67	21.00		
HIGH		64QAM	19.41	19.52	19.51	21.00			
15	75	LOW	64QAM	19.36	19.40	19.52	21.00		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
		20	1	LOW	QPSK	22.37	22.31	22.08	24.00
	MID			QPSK	22.48	22.48	22.34	24.00	
	HIGH			QPSK	22.34	22.35	22.25	24.00	
	50		LOW	QPSK	21.54	21.38	21.49	23.00	
MID			QPSK	21.58	21.43	21.42	23.00		
HIGH			QPSK	21.51	21.59	21.35	23.00		
100	LOW	QPSK	21.51	21.40	21.47	23.00			
20	1	LOW	Q16	21.97	21.74	21.53	23.00		
		MID	Q16	22.03	21.87	21.79	23.00		
		HIGH	Q16	21.86	21.73	21.74	23.00		
	50	LOW	Q16	20.54	20.39	20.66	22.00		
		MID	Q16	20.55	20.46	20.57	22.00		
		HIGH	Q16	20.51	20.49	20.49	22.00		
100	LOW	Q16	20.52	20.41	20.61	22.00			
20	1	LOW	64QAM	20.94	20.60	20.47	22.00		
		MID	64QAM	20.99	20.86	20.78	22.00		
		HIGH	64QAM	20.99	20.81	20.80	22.00		
	50	LOW	64QAM	19.48	19.39	19.61	21.00		
		MID	64QAM	19.66	19.40	19.42	21.00		
		HIGH	64QAM	19.65	19.46	19.38	21.00		
100	LOW	64QAM	19.59	19.38	19.47	21.00			

LTE B2-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.33	22.35	22.48	24.00
		MID	QPSK	22.38	22.34	22.52	24.00
		HIGH	QPSK	22.39	22.34	22.52	24.00
	3	LOW	QPSK	22.50	22.38	22.63	24.00
		MID	QPSK	22.51	22.40	22.65	24.00
		HIGH	QPSK	22.49	22.42	22.62	24.00
6	LOW	QPSK	21.50	21.43	21.63	23.00	
1.4	1	LOW	Q16	21.62	21.80	21.57	23.00
		MID	Q16	21.62	21.78	21.56	23.00
		HIGH	Q16	21.64	21.79	21.59	23.00
	3	LOW	Q16	21.53	21.62	21.77	23.00
		MID	Q16	21.57	21.58	21.78	23.00
		HIGH	Q16	21.57	21.61	21.75	23.00
6	LOW	Q16	20.65	20.34	20.79	22.00	
1.4	1	LOW	64QAM	20.58	20.93	20.65	22.00
		MID	64QAM	20.67	20.66	20.54	22.00
		HIGH	64QAM	20.75	20.94	20.61	22.00
	3	LOW	64QAM	20.47	20.72	20.89	22.00
		MID	64QAM	20.48	20.66	20.74	22.00
		HIGH	64QAM	20.71	20.47	20.88	22.00
6	LOW	64QAM	19.80	19.23	19.65	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.56	22.36	22.51	24.00
		MID	QPSK	22.50	22.39	22.54	24.00
		HIGH	QPSK	22.52	22.39	22.57	24.00
	8	LOW	QPSK	21.54	21.42	21.62	23.00
		MID	QPSK	21.53	21.42	21.62	23.00
		HIGH	QPSK	21.53	21.42	21.60	23.00
15	LOW	QPSK	21.55	21.46	21.63	23.00	
3	1	LOW	Q16	21.47	21.76	21.62	23.00
		MID	Q16	21.45	21.84	21.60	23.00
		HIGH	Q16	21.44	21.79	21.60	23.00
	8	LOW	Q16	20.67	20.51	20.70	22.00
		MID	Q16	20.66	20.54	20.73	22.00
		HIGH	Q16	20.64	20.52	20.69	22.00
15	LOW	Q16	20.60	20.48	20.64	22.00	
3	1	LOW	64QAM	20.40	20.70	20.50	22.00
		MID	64QAM	20.52	20.84	20.71	22.00
		HIGH	64QAM	20.53	20.81	20.49	22.00
	8	LOW	64QAM	19.79	19.36	19.74	21.00
		MID	64QAM	19.55	19.65	19.60	21.00
		HIGH	64QAM	19.62	19.44	19.66	21.00
15	LOW	64QAM	19.47	19.34	19.68	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.66	22.39	22.60	24.00
		MID	QPSK	22.70	22.44	22.62	24.00
		HIGH	QPSK	22.63	22.45	22.70	24.00
	12	LOW	QPSK	21.61	21.43	21.69	23.00
		MID	QPSK	21.56	21.48	21.68	23.00
		HIGH	QPSK	21.54	21.47	21.67	23.00
25	LOW	QPSK	21.53	21.47	21.70	23.00	
5	1	LOW	Q16	21.82	21.95	21.69	23.00
		MID	Q16	21.86	22.02	21.68	23.00
		HIGH	Q16	21.81	22.02	21.65	23.00
	12	LOW	Q16	20.64	20.58	20.69	22.00
		MID	Q16	20.64	20.60	20.73	22.00
		HIGH	Q16	20.65	20.61	20.70	22.00
25	LOW	Q16	20.61	20.56	20.67	22.00	
5	1	LOW	64QAM	20.72	20.87	20.78	22.00
		MID	64QAM	20.81	20.98	20.56	22.00
		HIGH	64QAM	20.72	21.14	20.80	22.00
	12	LOW	64QAM	19.52	19.54	19.79	21.00
		MID	64QAM	19.72	19.60	19.74	21.00
		HIGH	64QAM	19.62	19.69	19.84	21.00
25	LOW	64QAM	19.46	19.58	19.60	21.00	

LTE B2-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.57	22.35	22.36	24.00
		MID	QPSK	22.57	22.45	22.41	24.00
		HIGH	QPSK	22.54	22.41	22.43	24.00
	25	LOW	QPSK	21.55	21.43	21.49	23.00
		MID	QPSK	21.56	21.45	21.48	23.00
		HIGH	QPSK	21.56	21.50	21.52	23.00
	50	LOW	QPSK	21.57	21.47	21.53	23.00
10	1	LOW	Q16	21.45	21.73	21.33	23.00
		MID	Q16	21.45	21.82	21.39	23.00
		HIGH	Q16	21.43	21.79	21.29	23.00
	25	LOW	Q16	20.58	20.47	20.64	22.00
		MID	Q16	20.62	20.52	20.68	22.00
		HIGH	Q16	20.61	20.56	20.55	22.00
	50	LOW	Q16	20.58	20.49	20.61	22.00
10	1	LOW	64QAM	20.43	20.80	20.39	22.00
		MID	64QAM	20.48	20.74	20.47	22.00
		HIGH	64QAM	20.35	20.86	20.42	22.00
	25	LOW	64QAM	19.49	19.47	19.72	21.00
		MID	64QAM	19.56	19.46	19.70	21.00
		HIGH	64QAM	19.71	19.56	19.46	21.00
	50	LOW	64QAM	19.72	19.64	19.50	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.26	22.19	24.00
		MID	QPSK	22.50	22.41	22.31	24.00
		HIGH	QPSK	22.40	22.31	22.27	24.00
	36	LOW	QPSK	21.46	21.36	21.43	23.00
		MID	QPSK	21.51	21.43	21.40	23.00
		HIGH	QPSK	21.48	21.43	21.38	23.00
75	LOW	QPSK	21.50	21.42	21.46	23.00	
15	1	LOW	Q16	21.36	21.69	21.60	23.00
		MID	Q16	21.47	21.81	21.72	23.00
		HIGH	Q16	21.31	21.71	21.66	23.00
	36	LOW	Q16	20.51	20.42	20.62	22.00
		MID	Q16	20.52	20.51	20.57	22.00
		HIGH	Q16	20.47	20.51	20.38	22.00
75	LOW	Q16	20.47	20.41	20.60	22.00	
15	1	LOW	64QAM	20.21	20.67	20.57	22.00
		MID	64QAM	20.46	20.81	20.62	22.00
		HIGH	64QAM	20.28	20.81	20.69	22.00
	36	LOW	64QAM	19.62	19.50	19.63	21.00
		MID	64QAM	19.56	19.60	19.67	21.00
		HIGH	64QAM	19.41	19.52	19.51	21.00
75	LOW	64QAM	19.36	19.40	19.52	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.37	22.31	22.08	24.00
		MID	QPSK	22.48	22.47	22.34	24.00
		HIGH	QPSK	22.34	22.35	22.25	24.00
	50	LOW	QPSK	21.54	21.38	21.49	23.00
		MID	QPSK	21.58	21.43	21.42	23.00
		HIGH	QPSK	21.51	21.59	21.35	23.00
100	LOW	QPSK	21.51	21.40	21.47	23.00	
20	1	LOW	Q16	21.97	21.74	21.53	23.00
		MID	Q16	22.03	21.87	21.79	23.00
		HIGH	Q16	21.86	21.73	21.74	23.00
	50	LOW	Q16	20.54	20.39	20.66	22.00
		MID	Q16	20.55	20.46	20.57	22.00
		HIGH	Q16	20.51	20.49	20.49	22.00
100	LOW	Q16	20.52	20.41	20.61	22.00	
20	1	LOW	64QAM	20.94	20.60	20.47	22.00
		MID	64QAM	20.99	20.86	20.78	22.00
		HIGH	64QAM	20.99	20.81	20.80	22.00
	50	LOW	64QAM	19.48	19.39	19.61	21.00
		MID	64QAM	19.66	19.40	19.42	21.00
		HIGH	64QAM	19.65	19.46	19.38	21.00
100	LOW	64QAM	19.59	19.38	19.47	21.00	

LTE B2-Level2&3 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)	
1.4	1	LOW	QPSK	22.33	22.35	22.48	24.00	
		MID	QPSK	22.38	22.34	22.52	24.00	
		HIGH	QPSK	22.39	22.34	22.52	24.00	
	3	LOW	QPSK	22.50	22.38	22.63	24.00	
		MID	QPSK	22.51	22.40	22.65	24.00	
		HIGH	QPSK	22.49	22.42	22.62	24.00	
	6	LOW	QPSK	21.50	21.43	21.63	23.00	
1.4	1	LOW	Q16	21.62	21.80	21.57	23.00	
		MID	Q16	21.62	21.78	21.56	23.00	
		HIGH	Q16	21.64	21.79	21.59	23.00	
	3	LOW	Q16	21.53	21.62	21.77	23.00	
		MID	Q16	21.57	21.58	21.78	23.00	
		HIGH	Q16	21.57	21.61	21.75	23.00	
	6	LOW	Q16	20.65	20.34	20.79	22.00	
1.4	1	LOW	64QAM	20.58	20.93	20.65	22.00	
		MID	64QAM	20.67	20.66	20.54	22.00	
		HIGH	64QAM	20.75	20.94	20.61	22.00	
	3	LOW	64QAM	20.47	20.72	20.89	22.00	
		MID	64QAM	20.48	20.66	20.74	22.00	
		HIGH	64QAM	20.71	20.47	20.88	22.00	
	6	LOW	64QAM	19.80	19.23	19.65	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)	
3	1	LOW	QPSK	22.56	22.36	22.51	24.00	
		MID	QPSK	22.50	22.39	22.54	24.00	
		HIGH	QPSK	22.52	22.39	22.57	24.00	
	8	LOW	QPSK	21.54	21.42	21.62	23.00	
		MID	QPSK	21.53	21.42	21.62	23.00	
		HIGH	QPSK	21.53	21.42	21.60	23.00	
3	15	LOW	QPSK	21.55	21.46	21.63	23.00	
		1	LOW	Q16	21.47	21.76	21.62	23.00
			MID	Q16	21.45	21.84	21.60	23.00
	HIGH		Q16	21.44	21.79	21.60	23.00	
	8	LOW	Q16	20.67	20.51	20.70	22.00	
		MID	Q16	20.66	20.54	20.73	22.00	
HIGH		Q16	20.64	20.52	20.69	22.00		
3	15	LOW	Q16	20.60	20.48	20.64	22.00	
		1	LOW	64QAM	20.40	20.70	20.50	22.00
			MID	64QAM	20.52	20.84	20.71	22.00
	HIGH		64QAM	20.53	20.81	20.49	22.00	
	8	LOW	64QAM	19.79	19.36	19.74	21.00	
		MID	64QAM	19.55	19.65	19.60	21.00	
		HIGH	64QAM	19.62	19.44	19.66	21.00	
15	LOW	64QAM	19.47	19.34	19.68	21.00		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)	
5	1	LOW	QPSK	22.66	22.39	22.60	24.00	
		MID	QPSK	22.70	22.44	22.62	24.00	
		HIGH	QPSK	22.63	22.45	22.70	24.00	
	12	LOW	QPSK	21.61	21.43	21.69	23.00	
		MID	QPSK	21.56	21.48	21.68	23.00	
		HIGH	QPSK	21.54	21.47	21.67	23.00	
25	LOW	QPSK	21.53	21.47	21.70	23.00		
5	1	LOW	Q16	21.82	21.95	21.69	23.00	
		MID	Q16	21.86	22.02	21.68	23.00	
		HIGH	Q16	21.81	22.02	21.65	23.00	
	12	LOW	Q16	20.64	20.58	20.69	22.00	
		MID	Q16	20.64	20.60	20.73	22.00	
		HIGH	Q16	20.65	20.61	20.70	22.00	
25	LOW	Q16	20.61	20.56	20.67	22.00		
5	1	LOW	64QAM	20.72	20.87	20.78	22.00	
		MID	64QAM	20.81	20.98	20.56	22.00	
		HIGH	64QAM	20.72	21.14	20.80	22.00	
	12	LOW	64QAM	19.52	19.54	19.79	21.00	
		MID	64QAM	19.72	19.60	19.74	21.00	
		HIGH	64QAM	19.62	19.69	19.84	21.00	
	25	LOW	64QAM	19.46	19.58	19.60	21.00	

LTE B2-Level2&3 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)		
10	1	LOW	QPSK	22.57	22.35	22.36	24.00		
		MID	QPSK	22.57	22.45	22.41	24.00		
		HIGH	QPSK	22.54	22.41	22.43	24.00		
	25	LOW	QPSK	21.55	21.43	21.49	23.00		
		MID	QPSK	21.56	21.45	21.48	23.00		
		HIGH	QPSK	21.56	21.50	21.52	23.00		
	50	LOW	QPSK	21.57	21.47	21.53	23.00		
10	1	LOW	Q16	21.45	21.73	21.33	23.00		
		MID	Q16	21.45	21.82	21.39	23.00		
		HIGH	Q16	21.43	21.79	21.29	23.00		
	25	LOW	Q16	20.58	20.47	20.64	22.00		
		MID	Q16	20.62	20.52	20.68	22.00		
		HIGH	Q16	20.61	20.56	20.55	22.00		
	50	LOW	Q16	20.58	20.49	20.61	22.00		
10	1	LOW	64QAM	20.43	20.80	20.39	22.00		
		MID	64QAM	20.48	20.74	20.47	22.00		
		HIGH	64QAM	20.35	20.86	20.42	22.00		
	25	LOW	64QAM	19.49	19.47	19.72	21.00		
		MID	64QAM	19.56	19.46	19.70	21.00		
		HIGH	64QAM	19.71	19.56	19.46	21.00		
	50	LOW	64QAM	19.72	19.64	19.50	21.00		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)		
15	1	LOW	QPSK	22.48	22.26	22.19	24.00		
		MID	QPSK	22.50	22.41	22.31	24.00		
		HIGH	QPSK	22.40	22.31	22.27	24.00		
	36	LOW	QPSK	21.46	21.36	21.43	23.00		
		MID	QPSK	21.51	21.43	21.40	23.00		
		HIGH	QPSK	21.48	21.43	21.38	23.00		
15	75	LOW	QPSK	21.50	21.42	21.46	23.00		
		1	LOW	Q16	21.36	21.69	21.60	23.00	
			MID	Q16	21.47	21.81	21.72	23.00	
	HIGH		Q16	21.31	21.71	21.66	23.00		
	36	LOW	Q16	20.51	20.42	20.62	22.00		
		MID	Q16	20.52	20.51	20.57	22.00		
HIGH		Q16	20.47	20.51	20.38	22.00			
15	75	LOW	Q16	20.47	20.41	20.60	22.00		
		1	LOW	64QAM	20.21	20.67	20.57	22.00	
			MID	64QAM	20.46	20.81	20.62	22.00	
	HIGH		64QAM	20.28	20.81	20.69	22.00		
	36	LOW	64QAM	19.62	19.50	19.63	21.00		
		MID	64QAM	19.56	19.60	19.67	21.00		
HIGH		64QAM	19.41	19.52	19.51	21.00			
15	75	LOW	64QAM	19.36	19.40	19.52	21.00		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
		20	1	LOW	QPSK	22.37	22.31	22.08	24.00
	MID			QPSK	22.48	22.47	22.34	24.00	
	HIGH			QPSK	22.34	22.35	22.25	24.00	
	50		LOW	QPSK	21.54	21.38	21.49	23.00	
MID			QPSK	21.58	21.43	21.42	23.00		
HIGH			QPSK	21.51	21.59	21.35	23.00		
100	LOW	QPSK	21.51	21.40	21.47	23.00			
20	1	LOW	Q16	21.97	21.74	21.53	23.00		
		MID	Q16	22.03	21.87	21.79	23.00		
		HIGH	Q16	21.86	21.73	21.74	23.00		
	50	LOW	Q16	20.54	20.39	20.66	22.00		
		MID	Q16	20.55	20.46	20.57	22.00		
		HIGH	Q16	20.51	20.49	20.49	22.00		
100	LOW	Q16	20.52	20.41	20.61	22.00			
20	1	LOW	64QAM	20.94	20.60	20.47	22.00		
		MID	64QAM	20.99	20.86	20.78	22.00		
		HIGH	64QAM	20.99	20.81	20.80	22.00		
	50	LOW	64QAM	19.48	19.39	19.61	21.00		
		MID	64QAM	19.66	19.40	19.42	21.00		
		HIGH	64QAM	19.65	19.46	19.38	21.00		
100	LOW	64QAM	19.59	19.38	19.47	21.00			

LTE B2-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.33	22.35	22.48	24.00
		MID	QPSK	22.38	22.34	22.52	24.00
		HIGH	QPSK	22.39	22.34	22.52	24.00
	3	LOW	QPSK	22.50	22.38	22.63	24.00
		MID	QPSK	22.51	22.40	22.65	24.00
		HIGH	QPSK	22.49	22.42	22.62	24.00
	6	LOW	QPSK	21.50	21.43	21.63	23.00
1.4	1	LOW	Q16	21.62	21.80	21.57	23.00
		MID	Q16	21.62	21.78	21.56	23.00
		HIGH	Q16	21.64	21.79	21.59	23.00
	3	LOW	Q16	21.53	21.62	21.77	23.00
		MID	Q16	21.57	21.58	21.78	23.00
		HIGH	Q16	21.57	21.61	21.75	23.00
	6	LOW	Q16	20.65	20.34	20.79	22.00
1.4	1	LOW	64QAM	20.58	20.93	20.65	22.00
		MID	64QAM	20.67	20.66	20.54	22.00
		HIGH	64QAM	20.75	20.94	20.61	22.00
	3	LOW	64QAM	20.47	20.72	20.89	22.00
		MID	64QAM	20.48	20.66	20.74	22.00
		HIGH	64QAM	20.71	20.47	20.88	22.00
	6	LOW	64QAM	19.80	19.23	19.65	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.56	22.36	22.51	24.00
		MID	QPSK	22.50	22.39	22.54	24.00
		HIGH	QPSK	22.52	22.39	22.57	24.00
	8	LOW	QPSK	21.54	21.42	21.62	23.00
		MID	QPSK	21.53	21.42	21.62	23.00
		HIGH	QPSK	21.53	21.42	21.60	23.00
	15	LOW	QPSK	21.55	21.46	21.63	23.00
3	1	LOW	Q16	21.47	21.76	21.62	23.00
		MID	Q16	21.45	21.84	21.60	23.00
		HIGH	Q16	21.44	21.79	21.60	23.00
	8	LOW	Q16	20.67	20.51	20.70	22.00
		MID	Q16	20.66	20.54	20.73	22.00
		HIGH	Q16	20.64	20.52	20.69	22.00
	15	LOW	Q16	20.60	20.48	20.64	22.00
3	1	LOW	64QAM	20.40	20.70	20.50	22.00
		MID	64QAM	20.52	20.84	20.71	22.00
		HIGH	64QAM	20.53	20.81	20.49	22.00
	8	LOW	64QAM	19.79	19.36	19.74	21.00
		MID	64QAM	19.55	19.65	19.60	21.00
		HIGH	64QAM	19.62	19.44	19.66	21.00
	15	LOW	64QAM	19.47	19.34	19.68	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.66	22.39	22.60	24.00
		MID	QPSK	22.70	22.44	22.62	24.00
		HIGH	QPSK	22.63	22.45	22.70	24.00
	12	LOW	QPSK	21.61	21.43	21.69	23.00
		MID	QPSK	21.56	21.48	21.68	23.00
		HIGH	QPSK	21.54	21.47	21.67	23.00
	25	LOW	QPSK	21.53	21.47	21.70	23.00
5	1	LOW	Q16	21.82	21.95	21.69	23.00
		MID	Q16	21.86	22.02	21.68	23.00
		HIGH	Q16	21.81	22.02	21.65	23.00
	12	LOW	Q16	20.64	20.58	20.69	22.00
		MID	Q16	20.64	20.60	20.73	22.00
		HIGH	Q16	20.65	20.61	20.70	22.00
	25	LOW	Q16	20.61	20.56	20.67	22.00
5	1	LOW	64QAM	20.72	20.87	20.78	22.00
		MID	64QAM	20.81	20.98	20.56	22.00
		HIGH	64QAM	20.72	21.14	20.80	22.00
	12	LOW	64QAM	19.52	19.54	19.79	21.00
		MID	64QAM	19.72	19.60	19.74	21.00
		HIGH	64QAM	19.62	19.69	19.84	21.00
	25	LOW	64QAM	19.46	19.58	19.60	21.00

LTE B2-Level4-off -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)	
10	1	LOW	QPSK	22.57	22.35	22.36	24.00	
		MID	QPSK	22.57	22.45	22.41	24.00	
		HIGH	QPSK	22.54	22.41	22.43	24.00	
	25	LOW	QPSK	21.55	21.43	21.49	23.00	
		MID	QPSK	21.56	21.45	21.48	23.00	
		HIGH	QPSK	21.56	21.50	21.52	23.00	
	50	LOW	QPSK	21.57	21.47	21.53	23.00	
10	1	LOW	Q16	21.45	21.73	21.33	23.00	
		MID	Q16	21.45	21.82	21.39	23.00	
		HIGH	Q16	21.43	21.79	21.29	23.00	
	25	LOW	Q16	20.58	20.47	20.64	22.00	
		MID	Q16	20.62	20.52	20.68	22.00	
		HIGH	Q16	20.61	20.56	20.55	22.00	
	50	LOW	Q16	20.58	20.49	20.61	22.00	
10	1	LOW	64QAM	20.43	20.80	20.39	22.00	
		MID	64QAM	20.48	20.74	20.47	22.00	
		HIGH	64QAM	20.35	20.86	20.42	22.00	
	25	LOW	64QAM	19.49	19.47	19.72	21.00	
		MID	64QAM	19.56	19.46	19.70	21.00	
		HIGH	64QAM	19.71	19.56	19.46	21.00	
	50	LOW	64QAM	19.72	19.64	19.50	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)	
15	1	LOW	QPSK	22.48	22.26	22.19	24.00	
		MID	QPSK	22.50	22.41	22.31	24.00	
		HIGH	QPSK	22.40	22.31	22.27	24.00	
	36	LOW	QPSK	21.46	21.36	21.43	23.00	
		MID	QPSK	21.51	21.43	21.40	23.00	
		HIGH	QPSK	21.48	21.43	21.38	23.00	
15	75	LOW	QPSK	21.50	21.42	21.46	23.00	
		1	LOW	Q16	21.36	21.69	21.60	23.00
			MID	Q16	21.47	21.81	21.72	23.00
	HIGH		Q16	21.31	21.71	21.66	23.00	
	36	LOW	Q16	20.51	20.42	20.62	22.00	
		MID	Q16	20.52	20.51	20.57	22.00	
HIGH		Q16	20.47	20.51	20.38	22.00		
15	75	LOW	Q16	20.47	20.41	20.60	22.00	
		1	LOW	64QAM	20.21	20.67	20.57	22.00
			MID	64QAM	20.46	20.81	20.62	22.00
	HIGH		64QAM	20.28	20.81	20.69	22.00	
	36	LOW	64QAM	19.62	19.50	19.63	21.00	
		MID	64QAM	19.56	19.60	19.67	21.00	
HIGH		64QAM	19.41	19.52	19.51	21.00		
75	LOW	64QAM	19.36	19.40	19.52	21.00		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)	
20	1	LOW	QPSK	22.37	22.31	22.08	24.00	
		MID	QPSK	22.48	22.47	22.34	24.00	
		HIGH	QPSK	22.34	22.35	22.25	24.00	
	50	LOW	QPSK	21.54	21.38	21.49	23.00	
		MID	QPSK	21.58	21.43	21.42	23.00	
		HIGH	QPSK	21.51	21.59	21.35	23.00	
100	LOW	QPSK	21.51	21.40	21.47	23.00		
20	1	LOW	Q16	21.97	21.74	21.53	23.00	
		MID	Q16	22.03	21.87	21.79	23.00	
		HIGH	Q16	21.86	21.73	21.74	23.00	
	50	LOW	Q16	20.54	20.39	20.66	22.00	
		MID	Q16	20.55	20.46	20.57	22.00	
		HIGH	Q16	20.51	20.49	20.49	22.00	
100	LOW	Q16	20.52	20.41	20.61	22.00		
20	1	LOW	64QAM	20.94	20.60	20.47	22.00	
		MID	64QAM	20.99	20.86	20.78	22.00	
		HIGH	64QAM	20.99	20.81	20.80	22.00	
	50	LOW	64QAM	19.48	19.39	19.61	21.00	
		MID	64QAM	19.66	19.40	19.42	21.00	
		HIGH	64QAM	19.65	19.46	19.38	21.00	
100	LOW	64QAM	19.59	19.38	19.47	21.00		

LTE B2-Level4-on1 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)		
1.4	1	LOW	QPSK	20.50	20.29	20.25	21.50		
		MID	QPSK	20.44	20.54	20.34	21.50		
		HIGH	QPSK	20.18	20.40	20.16	21.50		
	3	LOW	QPSK	20.62	20.29	20.60	21.50		
		MID	QPSK	20.42	20.31	20.45	21.50		
		HIGH	QPSK	20.55	20.48	20.32	21.50		
	6	LOW	QPSK	20.54	20.40	20.43	21.50		
1.4	1	LOW	Q16	20.88	20.76	20.69	21.50		
		MID	Q16	20.88	20.98	20.67	21.50		
		HIGH	Q16	20.67	20.86	20.57	21.50		
	3	LOW	Q16	20.41	20.51	20.73	21.50		
		MID	Q16	20.43	20.55	20.23	21.50		
		HIGH	Q16	20.52	20.48	20.27	21.50		
	6	LOW	Q16	20.58	20.55	20.27	21.50		
1.4	1	LOW	64QAM	19.92	19.76	19.79	20.50		
		MID	64QAM	19.94	19.93	19.63	20.50		
		HIGH	64QAM	19.89	19.89	19.78	20.50		
	3	LOW	64QAM	19.37	19.50	19.71	20.50		
		MID	64QAM	19.64	19.53	19.30	20.50		
		HIGH	64QAM	19.62	19.60	19.22	20.50		
	6	LOW	64QAM	19.52	19.31	19.43	20.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)		
3	1	LOW	QPSK	20.35	20.48	20.39	21.50		
		MID	QPSK	20.31	20.43	20.33	21.50		
		HIGH	QPSK	20.48	20.41	20.34	21.50		
	8	LOW	QPSK	20.40	20.52	20.55	21.50		
		MID	QPSK	20.51	20.31	20.46	21.50		
		HIGH	QPSK	20.51	20.46	20.22	21.50		
3	15	LOW	QPSK	20.37	20.28	20.33	21.50		
		1	LOW	Q16	20.77	20.75	20.60	21.50	
			MID	Q16	20.69	20.79	20.64	21.50	
	HIGH		Q16	20.87	20.89	20.70	21.50		
	8	LOW	Q16	20.50	20.28	20.70	21.50		
		MID	Q16	20.38	20.43	20.35	21.50		
HIGH		Q16	20.57	20.59	20.36	21.50			
3	15	LOW	Q16	20.65	20.32	20.51	21.50		
		1	LOW	64QAM	20.01	19.83	19.62	20.50	
			MID	64QAM	19.86	19.76	19.79	20.50	
	HIGH		64QAM	19.79	19.76	19.65	20.50		
	8	LOW	64QAM	19.39	19.28	19.70	20.50		
		MID	64QAM	19.54	19.39	19.23	20.50		
HIGH		64QAM	19.47	19.54	19.49	20.50			
3	15	LOW	64QAM	19.54	19.53	19.35	20.50		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
		5	1	LOW	QPSK	20.39	20.30	20.39	21.50
	MID			QPSK	20.46	20.32	20.21	21.50	
	HIGH			QPSK	20.20	20.53	20.34	21.50	
	12		LOW	QPSK	20.51	20.53	20.54	21.50	
MID			QPSK	20.52	20.52	20.41	21.50		
HIGH			QPSK	20.61	20.36	20.25	21.50		
25	LOW	QPSK	20.35	20.48	20.39	21.50			
5	1	LOW	Q16	20.88	20.79	20.64	21.50		
		MID	Q16	20.94	20.79	20.64	21.50		
		HIGH	Q16	20.69	20.68	20.62	21.50		
	12	LOW	Q16	20.37	20.36	20.46	21.50		
		MID	Q16	20.45	20.37	20.23	21.50		
		HIGH	Q16	20.51	20.40	20.22	21.50		
25	LOW	Q16	20.62	20.46	20.31	21.50			
5	1	LOW	64QAM	19.83	19.73	19.61	20.50		
		MID	64QAM	20.08	19.85	19.59	20.50		
		HIGH	64QAM	20.04	19.79	19.68	20.50		
	12	LOW	64QAM	19.48	19.35	19.46	20.50		
		MID	64QAM	19.53	19.50	19.46	20.50		
		HIGH	64QAM	19.37	19.58	19.26	20.50		
25	LOW	64QAM	19.62	19.37	19.46	20.50			

LTE B2-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.25	20.34	20.13	21.50
		MID	QPSK	20.48	20.58	20.39	21.50
		HIGH	QPSK	20.28	20.35	20.28	21.50
	25	LOW	QPSK	20.59	20.42	20.60	21.50
		MID	QPSK	20.39	20.40	20.22	21.50
		HIGH	QPSK	20.49	20.54	20.44	21.50
	50	LOW	QPSK	20.59	20.37	20.47	21.50
10	1	LOW	Q16	20.68	20.78	20.57	21.50
		MID	Q16	20.91	20.89	20.59	21.50
		HIGH	Q16	20.78	20.70	20.76	21.50
	25	LOW	Q16	20.33	20.43	20.67	21.50
		MID	Q16	20.62	20.51	20.34	21.50
		HIGH	Q16	20.53	20.42	20.48	21.50
	50	LOW	Q16	20.61	20.47	20.52	21.50
10	1	LOW	64QAM	19.93	19.93	19.69	20.50
		MID	64QAM	19.94	19.81	19.67	20.50
		HIGH	64QAM	19.91	19.75	19.61	20.50
	25	LOW	64QAM	19.43	19.47	19.49	20.50
		MID	64QAM	19.57	19.49	19.38	20.50
		HIGH	64QAM	19.37	19.48	19.32	20.50
	50	LOW	64QAM	19.48	19.37	19.35	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.33	20.52	20.18	21.50
		MID	QPSK	20.56	20.48	20.35	21.50
		HIGH	QPSK	20.22	20.51	20.33	21.50
	36	LOW	QPSK	20.32	20.42	20.63	21.50
		MID	QPSK	20.65	20.27	20.44	21.50
		HIGH	QPSK	20.53	20.37	20.21	21.50
75	LOW	QPSK	20.35	20.46	20.28	21.50	
15	1	LOW	Q16	20.82	20.76	20.68	21.50
		MID	Q16	20.99	20.88	20.65	21.50
		HIGH	Q16	20.69	20.87	20.78	21.50
	36	LOW	Q16	20.47	20.37	20.62	21.50
		MID	Q16	20.45	20.54	20.34	21.50
		HIGH	Q16	20.53	20.60	20.44	21.50
75	LOW	Q16	20.49	20.31	20.49	21.50	
15	1	LOW	64QAM	19.82	19.66	19.76	20.50
		MID	64QAM	19.86	19.75	19.81	20.50
		HIGH	64QAM	19.98	19.90	19.69	20.50
	36	LOW	64QAM	19.46	19.33	19.59	20.50
		MID	64QAM	19.40	19.33	19.41	20.50
		HIGH	64QAM	19.47	19.35	19.45	20.50
75	LOW	64QAM	19.38	19.51	19.53	20.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.39	20.38	20.28	21.50
		MID	QPSK	20.47	20.46	20.26	21.50
		HIGH	QPSK	20.33	20.39	20.29	21.50
	50	LOW	QPSK	20.47	20.41	20.60	21.50
		MID	QPSK	20.50	20.42	20.36	21.50
		HIGH	QPSK	20.49	20.48	20.35	21.50
100	LOW	QPSK	20.45	20.43	20.39	21.50	
20	1	LOW	Q16	20.87	20.78	20.73	21.50
		MID	Q16	20.78	20.85	20.71	21.50
		HIGH	Q16	20.71	20.77	20.72	21.50
	50	LOW	Q16	20.46	20.41	20.60	21.50
		MID	Q16	20.52	20.45	20.37	21.50
		HIGH	Q16	20.51	20.48	20.34	21.50
100	LOW	Q16	20.50	20.43	20.42	21.50	
20	1	LOW	64QAM	20.05	19.66	19.88	20.50
		MID	64QAM	19.86	19.86	19.59	20.50
		HIGH	64QAM	19.89	19.85	19.80	20.50
	50	LOW	64QAM	19.39	19.28	19.56	20.50
		MID	64QAM	19.65	19.60	19.33	20.50
		HIGH	64QAM	19.46	19.53	19.22	20.50
100	LOW	64QAM	19.42	19.36	19.56	20.50	

LTE B2-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.33	22.35	22.48	24.00
		MID	QPSK	22.38	22.34	22.52	24.00
		HIGH	QPSK	22.39	22.34	22.52	24.00
	3	LOW	QPSK	22.50	22.38	22.63	24.00
		MID	QPSK	22.51	22.40	22.65	24.00
		HIGH	QPSK	22.49	22.42	22.62	24.00
	6	LOW	QPSK	21.50	21.43	21.63	23.00
1.4	1	LOW	Q16	21.62	21.80	21.57	23.00
		MID	Q16	21.62	21.78	21.56	23.00
		HIGH	Q16	21.64	21.79	21.59	23.00
	3	LOW	Q16	21.53	21.62	21.77	23.00
		MID	Q16	21.57	21.58	21.78	23.00
		HIGH	Q16	21.57	21.61	21.75	23.00
	6	LOW	Q16	20.65	20.34	20.79	22.00
1.4	1	LOW	64QAM	20.58	20.93	20.65	22.00
		MID	64QAM	20.67	20.66	20.54	22.00
		HIGH	64QAM	20.75	20.94	20.61	22.00
	3	LOW	64QAM	20.47	20.72	20.89	22.00
		MID	64QAM	20.48	20.66	20.74	22.00
		HIGH	64QAM	20.71	20.47	20.88	22.00
	6	LOW	64QAM	19.80	19.23	19.65	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.56	22.36	22.51	24.00
		MID	QPSK	22.50	22.39	22.54	24.00
		HIGH	QPSK	22.52	22.39	22.57	24.00
	8	LOW	QPSK	21.54	21.42	21.62	23.00
		MID	QPSK	21.53	21.42	21.62	23.00
		HIGH	QPSK	21.53	21.42	21.60	23.00
15	LOW	QPSK	21.55	21.46	21.63	23.00	
3	1	LOW	Q16	21.47	21.76	21.62	23.00
		MID	Q16	21.45	21.84	21.60	23.00
		HIGH	Q16	21.44	21.79	21.60	23.00
	8	LOW	Q16	20.67	20.51	20.70	22.00
		MID	Q16	20.66	20.54	20.73	22.00
		HIGH	Q16	20.64	20.52	20.69	22.00
15	LOW	Q16	20.60	20.48	20.64	22.00	
3	1	LOW	64QAM	20.40	20.70	20.50	22.00
		MID	64QAM	20.52	20.84	20.71	22.00
		HIGH	64QAM	20.53	20.81	20.49	22.00
	8	LOW	64QAM	19.79	19.36	19.74	21.00
		MID	64QAM	19.55	19.65	19.60	21.00
		HIGH	64QAM	19.62	19.44	19.66	21.00
	15	LOW	64QAM	19.47	19.34	19.68	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.66	22.39	22.60	24.00
		MID	QPSK	22.70	22.44	22.62	24.00
		HIGH	QPSK	22.63	22.45	22.70	24.00
	12	LOW	QPSK	21.61	21.43	21.69	23.00
		MID	QPSK	21.56	21.48	21.68	23.00
		HIGH	QPSK	21.54	21.47	21.67	23.00
25	LOW	QPSK	21.53	21.47	21.70	23.00	
5	1	LOW	Q16	21.82	21.95	21.69	23.00
		MID	Q16	21.86	22.02	21.68	23.00
		HIGH	Q16	21.81	22.02	21.65	23.00
	12	LOW	Q16	20.64	20.58	20.69	22.00
		MID	Q16	20.64	20.60	20.73	22.00
		HIGH	Q16	20.65	20.61	20.70	22.00
25	LOW	Q16	20.61	20.56	20.67	22.00	
5	1	LOW	64QAM	20.72	20.87	20.78	22.00
		MID	64QAM	20.81	20.98	20.56	22.00
		HIGH	64QAM	20.72	21.14	20.80	22.00
	12	LOW	64QAM	19.52	19.54	19.79	21.00
		MID	64QAM	19.72	19.60	19.74	21.00
		HIGH	64QAM	19.62	19.69	19.84	21.00
	25	LOW	64QAM	19.46	19.58	19.60	21.00

LTE B2-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.57	22.35	22.36	24.00
		MID	QPSK	22.57	22.45	22.41	24.00
		HIGH	QPSK	22.54	22.41	22.43	24.00
	25	LOW	QPSK	21.55	21.43	21.49	23.00
		MID	QPSK	21.56	21.45	21.48	23.00
		HIGH	QPSK	21.56	21.50	21.52	23.00
	50	LOW	QPSK	21.57	21.47	21.53	23.00
10	1	LOW	Q16	21.45	21.73	21.33	23.00
		MID	Q16	21.45	21.82	21.39	23.00
		HIGH	Q16	21.43	21.79	21.29	23.00
	25	LOW	Q16	20.58	20.47	20.64	22.00
		MID	Q16	20.62	20.52	20.68	22.00
		HIGH	Q16	20.61	20.56	20.55	22.00
	50	LOW	Q16	20.58	20.49	20.61	22.00
10	1	LOW	64QAM	20.43	20.80	20.39	22.00
		MID	64QAM	20.48	20.74	20.47	22.00
		HIGH	64QAM	20.35	20.86	20.42	22.00
	25	LOW	64QAM	19.49	19.47	19.72	21.00
		MID	64QAM	19.56	19.46	19.70	21.00
		HIGH	64QAM	19.71	19.56	19.46	21.00
	50	LOW	64QAM	19.72	19.64	19.50	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.26	22.19	24.00
		MID	QPSK	22.50	22.41	22.31	24.00
		HIGH	QPSK	22.40	22.31	22.27	24.00
	36	LOW	QPSK	21.46	21.36	21.43	23.00
		MID	QPSK	21.51	21.43	21.40	23.00
		HIGH	QPSK	21.48	21.43	21.38	23.00
75	LOW	QPSK	21.50	21.42	21.46	23.00	
15	1	LOW	Q16	21.36	21.69	21.60	23.00
		MID	Q16	21.47	21.81	21.72	23.00
		HIGH	Q16	21.31	21.71	21.66	23.00
	36	LOW	Q16	20.51	20.42	20.62	22.00
		MID	Q16	20.52	20.51	20.57	22.00
		HIGH	Q16	20.47	20.51	20.38	22.00
75	LOW	Q16	20.47	20.41	20.60	22.00	
15	1	LOW	64QAM	20.21	20.67	20.57	22.00
		MID	64QAM	20.46	20.81	20.62	22.00
		HIGH	64QAM	20.28	20.81	20.69	22.00
	36	LOW	64QAM	19.62	19.50	19.63	21.00
		MID	64QAM	19.56	19.60	19.67	21.00
		HIGH	64QAM	19.41	19.52	19.51	21.00
	75	LOW	64QAM	19.36	19.40	19.52	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.37	22.31	22.08	24.00
		MID	QPSK	22.48	22.47	22.34	24.00
		HIGH	QPSK	22.34	22.35	22.25	24.00
	50	LOW	QPSK	21.54	21.38	21.49	23.00
		MID	QPSK	21.58	21.43	21.42	23.00
		HIGH	QPSK	21.51	21.59	21.35	23.00
100	LOW	QPSK	21.51	21.40	21.47	23.00	
20	1	LOW	Q16	21.97	21.74	21.53	23.00
		MID	Q16	22.03	21.87	21.79	23.00
		HIGH	Q16	21.86	21.73	21.74	23.00
	50	LOW	Q16	20.54	20.39	20.66	22.00
		MID	Q16	20.55	20.46	20.57	22.00
		HIGH	Q16	20.51	20.49	20.49	22.00
100	LOW	Q16	20.52	20.41	20.61	22.00	
20	1	LOW	64QAM	20.94	20.60	20.47	22.00
		MID	64QAM	20.99	20.86	20.78	22.00
		HIGH	64QAM	20.99	20.81	20.80	22.00
	50	LOW	64QAM	19.48	19.39	19.61	21.00
		MID	64QAM	19.66	19.40	19.42	21.00
		HIGH	64QAM	19.65	19.46	19.38	21.00
	100	LOW	64QAM	19.59	19.38	19.47	21.00

LTE B2-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.59	19.77	19.82	21.00
		MID	QPSK	19.78	19.81	19.92	21.00
		HIGH	QPSK	19.68	19.62	20.00	21.00
	3	LOW	QPSK	19.84	19.85	19.87	21.00
		MID	QPSK	19.93	19.76	19.87	21.00
		HIGH	QPSK	19.91	19.89	20.10	21.00
	6	LOW	QPSK	19.76	19.93	19.95	21.00
1.4	1	LOW	Q16	20.09	20.21	20.17	21.00
		MID	Q16	20.01	20.19	20.40	21.00
		HIGH	Q16	20.12	20.10	20.26	21.00
	3	LOW	Q16	19.83	19.84	19.97	21.00
		MID	Q16	20.06	19.78	20.03	21.00
		HIGH	Q16	19.90	19.72	19.83	21.00
	6	LOW	Q16	19.84	19.93	20.07	21.00
1.4	1	LOW	64QAM	20.00	20.17	20.20	21.00
		MID	64QAM	19.97	20.12	20.33	21.00
		HIGH	64QAM	20.09	20.03	20.36	21.00
	3	LOW	64QAM	19.93	19.77	20.02	21.00
		MID	64QAM	19.90	19.77	19.95	21.00
		HIGH	64QAM	19.75	20.00	20.10	21.00
	6	LOW	64QAM	19.96	19.96	20.02	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.61	19.60	19.67	21.00
		MID	QPSK	19.78	19.82	19.91	21.00
		HIGH	QPSK	19.73	19.65	19.98	21.00
	8	LOW	QPSK	20.02	19.93	20.05	21.00
		MID	QPSK	19.99	19.91	19.87	21.00
		HIGH	QPSK	19.82	19.91	19.99	21.00
15	LOW	QPSK	19.86	19.97	20.05	21.00	
3	1	LOW	Q16	19.90	19.53	19.61	21.00
		MID	Q16	19.99	19.76	19.89	21.00
		HIGH	Q16	19.65	19.47	19.36	21.00
	8	LOW	Q16	19.97	19.81	20.05	21.00
		MID	Q16	19.92	19.92	19.92	21.00
		HIGH	Q16	19.99	19.88	19.92	21.00
15	LOW	Q16	19.78	19.85	20.19	21.00	
3	1	LOW	64QAM	19.87	19.38	19.73	21.00
		MID	64QAM	19.84	19.82	19.96	21.00
		HIGH	64QAM	19.66	19.59	19.50	21.00
	8	LOW	64QAM	19.95	19.74	19.94	21.00
		MID	64QAM	19.77	19.72	19.83	21.00
		HIGH	64QAM	19.88	19.75	20.10	21.00
15	LOW	64QAM	19.87	19.98	20.18	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.84	19.79	19.68	21.00
		MID	QPSK	19.93	19.91	19.93	21.00
		HIGH	QPSK	19.59	19.85	19.98	21.00
	12	LOW	QPSK	20.00	19.76	19.87	21.00
		MID	QPSK	19.98	19.69	20.04	21.00
		HIGH	QPSK	19.88	19.80	20.03	21.00
25	LOW	QPSK	19.79	19.96	19.87	21.00	
5	1	LOW	Q16	19.99	20.16	20.16	21.00
		MID	Q16	20.31	20.32	20.30	21.00
		HIGH	Q16	19.95	20.24	20.29	21.00
	12	LOW	Q16	19.83	19.93	20.05	21.00
		MID	Q16	20.01	19.81	19.95	21.00
		HIGH	Q16	19.77	19.93	19.94	21.00
25	LOW	Q16	19.88	19.93	19.93	21.00	
5	1	LOW	64QAM	19.86	20.13	20.06	21.00
		MID	64QAM	20.16	20.25	20.16	21.00
		HIGH	64QAM	19.91	20.24	20.26	21.00
	12	LOW	64QAM	19.97	19.76	20.15	21.00
		MID	64QAM	20.03	19.74	19.98	21.00
		HIGH	64QAM	19.90	20.00	19.88	21.00
25	LOW	64QAM	19.91	19.68	20.17	21.00	

LTE B2-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.88	19.82	19.65	21.00
		MID	QPSK	19.78	19.74	19.76	21.00
		HIGH	QPSK	19.75	19.81	19.92	21.00
	25	LOW	QPSK	19.84	19.81	20.13	21.00
		MID	QPSK	19.92	19.89	19.87	21.00
		HIGH	QPSK	19.83	19.76	19.89	21.00
	50	LOW	QPSK	19.88	19.94	19.96	21.00
10	1	LOW	Q16	20.25	20.28	19.90	21.00
		MID	Q16	20.27	20.10	20.25	21.00
		HIGH	Q16	19.48	20.26	20.33	21.00
	25	LOW	Q16	19.84	19.78	20.14	21.00
		MID	Q16	19.92	19.89	20.10	21.00
		HIGH	Q16	19.86	19.76	20.00	21.00
	50	LOW	Q16	19.83	19.82	20.08	21.00
10	1	LOW	64QAM	20.22	20.03	19.89	21.00
		MID	64QAM	20.23	20.14	20.12	21.00
		HIGH	64QAM	20.21	20.08	20.36	21.00
	25	LOW	64QAM	19.95	19.91	20.03	21.00
		MID	64QAM	20.06	19.97	19.89	21.00
		HIGH	64QAM	19.92	19.79	20.11	21.00
	50	LOW	64QAM	19.94	19.69	19.99	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.84	19.74	19.75	21.00
		MID	QPSK	19.86	19.96	19.74	21.00
		HIGH	QPSK	19.77	19.62	19.81	21.00
	36	LOW	QPSK	20.01	19.74	20.11	21.00
		MID	QPSK	19.95	19.76	20.03	21.00
		HIGH	QPSK	19.82	19.76	19.89	21.00
75	LOW	QPSK	19.73	19.86	20.15	21.00	
15	1	LOW	Q16	20.32	20.05	20.04	21.00
		MID	Q16	20.34	20.23	20.00	21.00
		HIGH	Q16	19.92	20.12	19.92	21.00
	36	LOW	Q16	19.97	19.96	19.86	21.00
		MID	Q16	19.87	19.87	20.04	21.00
		HIGH	Q16	19.93	19.89	19.96	21.00
75	LOW	Q16	20.00	19.82	20.09	21.00	
15	1	LOW	64QAM	20.23	20.07	20.19	21.00
		MID	64QAM	20.20	20.27	19.90	21.00
		HIGH	64QAM	20.24	20.11	20.21	21.00
	36	LOW	64QAM	19.94	19.96	19.97	21.00
		MID	64QAM	19.99	19.99	20.04	21.00
		HIGH	64QAM	19.96	19.94	19.98	21.00
	75	LOW	64QAM	20.00	19.80	20.03	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.74	19.71	19.67	21.00
		MID	QPSK	19.90	19.82	19.89	21.00
		HIGH	QPSK	19.72	19.75	19.87	21.00
	50	LOW	QPSK	19.87	19.79	19.97	21.00
		MID	QPSK	19.99	19.83	19.96	21.00
		HIGH	QPSK	19.89	19.86	19.91	21.00
100	LOW	QPSK	19.85	19.82	20.00	21.00	
20	1	LOW	Q16	20.08	20.17	20.15	21.00
		MID	Q16	20.12	20.27	20.38	21.00
		HIGH	Q16	19.98	20.18	20.33	21.00
	50	LOW	Q16	19.90	19.84	20.01	21.00
		MID	Q16	19.91	19.84	19.98	21.00
		HIGH	Q16	19.90	19.87	19.97	21.00
100	LOW	Q16	19.91	19.83	20.05	21.00	
20	1	LOW	64QAM	20.23	20.07	20.11	21.00
		MID	64QAM	20.40	20.20	20.28	21.00
		HIGH	64QAM	20.20	20.22	20.30	21.00
	50	LOW	64QAM	19.87	19.79	20.00	21.00
		MID	64QAM	19.87	19.82	19.94	21.00
		HIGH	64QAM	19.87	19.77	19.96	21.00
	100	LOW	64QAM	20.05	19.90	20.08	21.00

8.3.2 LTE Band4 Output Power

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	23.15	23.13	23.10	24.20
		MID	QPSK	23.17	23.13	23.14	24.20
		HIGH	QPSK	23.18	23.12	23.14	24.20
	3	LOW	QPSK	23.29	23.28	23.21	24.20
		MID	QPSK	23.32	23.27	23.23	24.20
		HIGH	QPSK	23.31	23.25	23.19	24.20
	6	LOW	QPSK	22.30	22.27	22.18	23.20
1.4	1	LOW	Q16	22.37	22.69	22.17	23.20
		MID	Q16	22.38	22.62	22.16	23.20
		HIGH	Q16	22.39	22.65	22.19	23.20
	3	LOW	Q16	22.33	22.48	22.34	23.20
		MID	Q16	22.35	22.42	22.33	23.20
		HIGH	Q16	22.37	22.43	22.33	23.20
	6	LOW	Q16	21.44	21.15	21.33	22.20
1.4	1	LOW	64QAM	21.52	21.60	21.32	22.20
		MID	64QAM	21.40	21.64	21.05	22.20
		HIGH	64QAM	21.26	21.52	21.25	22.20
	3	LOW	64QAM	21.38	21.33	21.35	22.20
		MID	64QAM	21.49	21.55	21.18	22.20
		HIGH	64QAM	21.45	21.53	21.37	22.20
	6	LOW	64QAM	20.43	20.18	20.21	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.32	23.21	23.08	24.20
		MID	QPSK	23.29	23.21	23.16	24.20
		HIGH	QPSK	23.28	23.23	23.17	24.20
	8	LOW	QPSK	22.22	22.29	22.19	23.20
		MID	QPSK	22.25	22.27	22.16	23.20
		HIGH	QPSK	22.26	22.27	22.17	23.20
	15	LOW	QPSK	22.28	22.27	22.18	23.20
3	1	LOW	Q16	22.23	22.65	22.15	23.20
		MID	Q16	22.19	22.68	22.21	23.20
		HIGH	Q16	22.18	22.69	22.18	23.20
	8	LOW	Q16	21.41	21.40	21.19	22.20
		MID	Q16	21.39	21.36	21.23	22.20
		HIGH	Q16	21.38	21.33	21.24	22.20
	15	LOW	Q16	21.32	21.32	21.13	22.20
3	1	LOW	64QAM	21.15	21.57	21.03	22.20
		MID	64QAM	21.28	21.57	21.16	22.20
		HIGH	64QAM	21.30	21.60	21.03	22.20
	8	LOW	64QAM	20.56	20.45	20.33	22.20
		MID	64QAM	20.40	20.44	20.37	22.20
		HIGH	64QAM	20.51	20.30	20.20	22.20
	15	LOW	64QAM	20.38	20.27	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.47	23.27	23.25	24.20
		MID	QPSK	23.47	23.27	23.20	24.20
		HIGH	QPSK	23.45	23.30	23.33	24.20
	12	LOW	QPSK	22.24	22.34	22.22	23.20
		MID	QPSK	22.28	22.30	22.21	23.20
		HIGH	QPSK	22.32	22.28	22.18	23.20
	25	LOW	QPSK	22.27	22.33	22.22	23.20
5	1	LOW	Q16	22.64	22.89	22.29	23.20
		MID	Q16	22.59	22.90	22.21	23.20
		HIGH	Q16	22.60	22.91	22.31	23.20
	12	LOW	Q16	21.35	21.47	21.26	22.20
		MID	Q16	21.33	21.40	21.23	22.20
		HIGH	Q16	21.35	21.41	21.22	22.20
	25	LOW	Q16	21.32	21.38	21.17	22.20
5	1	LOW	64QAM	21.58	21.75	21.21	22.20
		MID	64QAM	21.65	21.94	21.12	22.20
		HIGH	64QAM	21.54	21.90	21.18	22.20
	12	LOW	64QAM	20.27	20.61	20.21	21.20
		MID	64QAM	20.45	20.51	20.27	21.20
		HIGH	64QAM	20.39	20.47	20.33	21.20
	25	LOW	64QAM	20.38	20.23	20.32	21.20

LTE B4-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.28	23.20	23.16	24.20
		MID	QPSK	23.32	23.24	23.15	24.20
		HIGH	QPSK	23.40	23.25	23.18	24.20
	25	LOW	QPSK	22.18	22.34	22.17	23.20
		MID	QPSK	22.26	22.31	22.17	23.20
		HIGH	QPSK	22.33	22.29	22.17	23.20
	50	LOW	QPSK	22.27	22.31	22.20	23.20
10	1	LOW	Q16	22.17	22.61	22.15	23.20
		MID	Q16	22.18	22.63	22.11	23.20
		HIGH	Q16	22.20	22.65	22.18	23.20
	25	LOW	Q16	21.25	21.40	21.27	22.20
		MID	Q16	21.31	21.36	21.29	22.20
		HIGH	Q16	21.39	21.36	21.29	22.20
	50	LOW	Q16	21.26	21.33	21.20	22.20
10	1	LOW	64QAM	21.13	21.48	21.00	22.20
		MID	64QAM	21.16	21.67	21.26	22.20
		HIGH	64QAM	21.26	21.53	21.17	22.20
	25	LOW	64QAM	20.14	20.37	20.31	21.20
		MID	64QAM	20.29	20.38	20.34	21.20
		HIGH	64QAM	20.38	20.26	20.19	21.20
	50	LOW	64QAM	20.18	20.35	20.23	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.19	23.13	24.20
		MID	QPSK	23.30	23.21	23.15	24.20
		HIGH	QPSK	23.23	23.22	23.13	24.20
	36	LOW	QPSK	22.17	22.27	22.20	23.20
		MID	QPSK	22.24	22.27	22.21	23.20
		HIGH	QPSK	22.29	22.25	22.21	23.20
75	LOW	QPSK	22.24	22.27	22.19	23.20	
15	1	LOW	Q16	22.12	22.59	22.55	23.20
		MID	Q16	22.25	22.68	22.54	23.20
		HIGH	Q16	22.11	22.60	22.49	23.20
	36	LOW	Q16	21.15	21.32	21.17	22.20
		MID	Q16	21.26	21.33	21.20	22.20
		HIGH	Q16	21.28	21.35	21.18	22.20
75	LOW	Q16	21.21	21.30	21.17	22.20	
15	1	LOW	64QAM	21.15	21.45	21.49	22.20
		MID	64QAM	21.15	21.68	21.42	22.20
		HIGH	64QAM	21.15	21.51	21.62	22.20
	36	LOW	64QAM	20.30	20.19	20.17	21.20
		MID	64QAM	20.27	20.31	20.22	21.20
		HIGH	64QAM	20.37	20.20	20.16	21.20
	75	LOW	64QAM	20.20	20.16	20.15	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.07	23.10	23.07	24.20
		MID	QPSK	23.21	23.27	23.22	24.20
		HIGH	QPSK	23.21	23.24	23.12	24.20
	50	LOW	QPSK	22.14	22.33	22.21	23.20
		MID	QPSK	22.32	22.30	22.26	23.20
		HIGH	QPSK	22.29	22.33	22.26	23.20
100	LOW	QPSK	22.27	22.27	22.25	23.20	
20	1	LOW	Q16	22.78	22.49	22.55	23.20
		MID	Q16	22.92	22.73	22.67	23.20
		HIGH	Q16	22.78	22.59	22.57	23.20
	50	LOW	Q16	21.14	21.32	21.15	22.20
		MID	Q16	21.33	21.33	21.24	22.20
		HIGH	Q16	21.31	21.32	21.20	22.20
100	LOW	Q16	21.29	21.27	21.20	22.20	
20	1	LOW	64QAM	21.64	21.43	21.52	22.20
		MID	64QAM	21.86	21.76	21.67	22.20
		HIGH	64QAM	21.91	21.57	21.59	22.20
	50	LOW	64QAM	20.14	20.33	20.01	21.20
		MID	64QAM	20.46	20.36	20.27	21.20
		HIGH	64QAM	20.27	20.34	20.35	21.20
	100	LOW	64QAM	20.30	20.42	20.32	21.20

LTE B4-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.74	15.90	15.86	17.20
		MID	QPSK	15.87	16.02	15.95	17.20
		HIGH	QPSK	15.87	15.97	15.87	17.20
	3	LOW	QPSK	15.87	16.11	15.87	17.20
		MID	QPSK	16.05	15.89	16.09	17.20
		HIGH	QPSK	15.88	16.02	15.94	17.20
	6	LOW	QPSK	15.81	15.88	16.00	17.20
1.4	1	LOW	Q16	16.12	16.39	16.28	17.20
		MID	Q16	16.21	16.51	16.26	17.20
		HIGH	Q16	16.33	16.34	16.22	17.20
	3	LOW	Q16	15.81	15.90	15.90	17.20
		MID	Q16	16.06	15.95	15.91	17.20
		HIGH	Q16	15.91	16.16	16.01	17.20
	6	LOW	Q16	15.99	15.85	16.09	17.20
1.4	1	LOW	64QAM	16.12	16.32	16.35	17.20
		MID	64QAM	16.31	16.43	16.28	17.20
		HIGH	64QAM	16.26	16.29	16.16	17.20
	3	LOW	64QAM	15.70	15.94	15.84	17.20
		MID	64QAM	15.98	16.09	15.91	17.20
		HIGH	64QAM	15.97	16.00	15.83	17.20
	6	LOW	64QAM	15.78	16.01	15.88	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	15.61	15.81	15.91	17.20
		MID	QPSK	15.92	16.05	15.97	17.20
		HIGH	QPSK	15.92	15.98	15.74	17.20
	8	LOW	QPSK	15.94	15.88	15.99	17.20
		MID	QPSK	16.13	16.03	16.01	17.20
		HIGH	QPSK	15.90	15.99	16.03	17.20
	15	LOW	QPSK	16.00	15.92	15.88	17.20
3	1	LOW	Q16	16.08	16.29	16.17	17.20
		MID	Q16	16.40	16.52	16.25	17.20
		HIGH	Q16	16.22	16.41	16.20	17.20
	8	LOW	Q16	15.82	16.05	15.82	17.20
		MID	Q16	16.06	16.11	15.95	17.20
		HIGH	Q16	15.92	15.96	16.03	17.20
	15	LOW	Q16	15.95	16.06	15.98	17.20
3	1	LOW	64QAM	15.93	16.16	16.26	17.20
		MID	64QAM	16.35	16.51	16.38	17.20
		HIGH	64QAM	16.41	16.37	16.17	17.20
	8	LOW	64QAM	15.69	16.13	15.89	17.20
		MID	64QAM	15.99	16.01	15.84	17.20
		HIGH	64QAM	16.02	16.11	15.83	17.20
	15	LOW	64QAM	15.89	16.08	15.92	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	15.63	15.79	15.87	17.20
		MID	QPSK	15.92	16.01	15.96	17.20
		HIGH	QPSK	15.73	15.83	16.00	17.20
	12	LOW	QPSK	15.73	16.10	15.85	17.20
		MID	QPSK	15.83	16.08	16.12	17.20
		HIGH	QPSK	15.95	15.89	16.01	17.20
	25	LOW	QPSK	15.98	15.98	15.92	17.20
5	1	LOW	Q16	16.09	16.25	16.19	17.20
		MID	Q16	16.24	16.47	16.22	17.20
		HIGH	Q16	15.84	16.00	16.25	17.20
	12	LOW	Q16	15.82	16.07	16.01	17.20
		MID	Q16	15.94	16.02	15.83	17.20
		HIGH	Q16	15.82	15.99	15.90	17.20
	25	LOW	Q16	15.86	16.09	15.93	17.20
5	1	LOW	64QAM	16.13	16.21	16.11	17.20
		MID	64QAM	16.37	16.51	16.29	17.20
		HIGH	64QAM	15.84	15.86	16.39	17.20
	12	LOW	64QAM	15.73	16.13	16.09	17.20
		MID	64QAM	15.95	16.00	15.86	17.20
		HIGH	64QAM	15.84	15.97	16.05	17.20
	25	LOW	64QAM	16.01	16.07	15.97	17.20

LTE B4-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	15.63	15.68	15.81	17.20
		MID	QPSK	15.77	15.89	15.98	17.20
		HIGH	QPSK	15.85	15.97	15.93	17.20
	25	LOW	QPSK	15.77	16.11	15.92	17.20
		MID	QPSK	15.92	15.94	15.92	17.20
		HIGH	QPSK	15.99	15.99	15.99	17.20
	50	LOW	QPSK	15.77	15.94	15.80	17.20
10	1	LOW	Q16	16.11	16.17	16.23	17.20
		MID	Q16	16.12	16.15	16.23	17.20
		HIGH	Q16	16.00	16.18	16.42	17.20
	25	LOW	Q16	15.74	16.10	15.89	17.20
		MID	Q16	15.99	16.07	16.01	17.20
		HIGH	Q16	16.03	16.12	16.08	17.20
	50	LOW	Q16	15.87	16.00	15.94	17.20
10	1	LOW	64QAM	16.06	16.13	16.13	17.20
		MID	64QAM	16.14	16.26	16.48	17.20
		HIGH	64QAM	15.99	16.46	16.20	17.20
	25	LOW	64QAM	15.70	16.15	16.00	17.20
		MID	64QAM	16.03	16.14	15.99	17.20
		HIGH	64QAM	15.82	16.04	15.89	17.20
	50	LOW	64QAM	15.94	15.88	15.83	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	15.62	15.82	15.88	17.20
		MID	QPSK	15.95	15.99	15.80	17.20
		HIGH	QPSK	15.85	15.86	15.92	17.20
	36	LOW	QPSK	15.93	15.87	15.92	17.20
		MID	QPSK	16.05	15.99	15.96	17.20
		HIGH	QPSK	15.94	16.10	16.05	17.20
15	75	LOW	QPSK	15.80	15.82	15.97	17.20
15	1	LOW	Q16	15.98	16.30	16.36	17.20
		MID	Q16	16.38	16.45	16.30	17.20
		HIGH	Q16	16.04	16.14	16.20	17.20
	36	LOW	Q16	15.71	15.99	15.96	17.20
		MID	Q16	16.07	16.16	15.99	17.20
		HIGH	Q16	15.87	16.05	15.88	17.20
	75	LOW	Q16	16.06	16.13	15.83	17.20
15	1	LOW	64QAM	16.04	16.27	16.32	17.20
		MID	64QAM	16.29	16.44	16.30	17.20
		HIGH	64QAM	15.89	16.02	16.20	17.20
	36	LOW	64QAM	15.63	16.05	15.96	17.20
		MID	64QAM	16.02	16.19	15.98	17.20
		HIGH	64QAM	15.98	16.07	15.90	17.20
15	75	LOW	64QAM	16.00	15.90	16.08	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	15.73	15.77	15.84	17.20
		MID	QPSK	15.88	15.91	15.91	17.20
		HIGH	QPSK	15.87	15.88	15.87	17.20
	50	LOW	QPSK	15.82	15.99	15.93	17.20
		MID	QPSK	15.98	16.01	16.05	17.20
		HIGH	QPSK	15.98	16.03	15.97	17.20
20	100	LOW	QPSK	15.89	15.97	15.94	17.20
20	1	LOW	Q16	16.19	16.00	16.24	17.20
		MID	Q16	16.27	16.31	16.36	17.20
		HIGH	Q16	16.33	16.18	16.27	17.20
	50	LOW	Q16	15.78	16.01	15.94	17.20
		MID	Q16	15.94	16.04	15.98	17.20
		HIGH	Q16	15.92	16.04	15.97	17.20
	100	LOW	Q16	15.91	15.99	15.94	17.20
20	1	LOW	64QAM	16.07	16.13	16.33	17.20
		MID	64QAM	16.35	16.28	16.39	17.20
		HIGH	64QAM	16.31	16.23	16.13	17.20
	50	LOW	64QAM	15.81	16.08	15.89	17.20
		MID	64QAM	15.89	15.99	16.01	17.20
		HIGH	64QAM	15.80	15.93	15.91	17.20
20	100	LOW	64QAM	16.00	16.07	15.96	17.20

LTE B4-Level 2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.84	14.85	14.82	16.20
		MID	QPSK	14.81	15.00	14.98	16.20
		HIGH	QPSK	14.93	14.90	14.85	16.20
	3	LOW	QPSK	14.90	15.22	15.12	16.20
		MID	QPSK	15.05	15.13	15.04	16.20
		HIGH	QPSK	14.97	14.99	15.07	16.20
	6	LOW	QPSK	15.12	14.95	14.96	16.20
1.4	1	LOW	Q16	15.33	15.06	15.10	16.20
		MID	Q16	15.22	15.16	15.35	16.20
		HIGH	Q16	15.26	15.10	15.22	16.20
	3	LOW	Q16	14.90	15.11	15.14	16.20
		MID	Q16	14.94	15.03	15.18	16.20
		HIGH	Q16	14.93	15.24	15.08	16.20
	6	LOW	Q16	14.96	15.00	14.93	16.20
1.4	1	LOW	64QAM	15.10	15.08	15.23	16.20
		MID	64QAM	15.22	15.12	15.20	16.20
		HIGH	64QAM	15.29	15.21	15.13	16.20
	3	LOW	64QAM	14.75	15.04	15.16	16.20
		MID	64QAM	15.11	14.97	14.93	16.20
		HIGH	64QAM	15.11	15.17	14.97	16.20
	6	LOW	64QAM	14.92	15.13	15.00	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	14.79	15.01	14.87	16.20
		MID	QPSK	14.97	15.02	14.87	16.20
		HIGH	QPSK	15.01	14.90	14.84	16.20
	8	LOW	QPSK	14.85	15.18	14.97	16.20
		MID	QPSK	15.14	14.99	15.22	16.20
		HIGH	QPSK	15.22	15.16	15.07	16.20
15	LOW	QPSK	14.98	15.05	15.00	16.20	
3	1	LOW	Q16	15.27	15.39	15.37	16.20
		MID	Q16	15.43	15.38	15.30	16.20
		HIGH	Q16	15.48	15.28	15.34	16.20
	8	LOW	Q16	15.04	15.20	15.04	16.20
		MID	Q16	15.14	15.16	15.12	16.20
		HIGH	Q16	14.99	15.25	14.90	16.20
15	LOW	Q16	15.07	15.06	14.98	16.20	
3	1	LOW	64QAM	15.25	15.50	15.22	16.20
		MID	64QAM	15.29	15.44	15.27	16.20
		HIGH	64QAM	15.49	15.20	15.17	16.20
	8	LOW	64QAM	15.02	15.15	14.91	16.20
		MID	64QAM	14.94	15.18	15.06	16.20
		HIGH	64QAM	14.91	15.22	15.03	16.20
15	LOW	64QAM	15.15	15.04	14.97	16.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	14.79	14.79	14.84	16.20
		MID	QPSK	15.05	15.13	15.01	16.20
		HIGH	QPSK	14.99	15.00	15.08	16.20
	12	LOW	QPSK	14.89	15.20	14.92	16.20
		MID	QPSK	14.97	15.13	15.11	16.20
		HIGH	QPSK	15.01	15.22	14.91	16.20
25	LOW	QPSK	15.15	15.09	14.88	16.20	
5	1	LOW	Q16	15.19	15.03	15.15	16.20
		MID	Q16	15.46	15.57	15.40	16.20
		HIGH	Q16	15.09	15.29	15.29	16.20
	12	LOW	Q16	14.83	15.09	15.02	16.20
		MID	Q16	15.09	15.06	15.08	16.20
		HIGH	Q16	14.98	15.13	15.05	16.20
25	LOW	Q16	15.08	15.09	15.02	16.20	
5	1	LOW	64QAM	15.08	15.09	15.22	16.20
		MID	64QAM	15.25	15.61	15.46	16.20
		HIGH	64QAM	15.36	15.30	15.37	16.20
	12	LOW	64QAM	15.03	15.18	14.95	16.20
		MID	64QAM	14.96	15.14	15.22	16.20
		HIGH	64QAM	14.96	15.07	15.11	16.20
25	LOW	64QAM	15.14	15.13	15.04	16.20	

LTE B4-Level 2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	14.81	14.77	15.10	16.20
		MID	QPSK	14.88	15.17	15.02	16.20
		HIGH	QPSK	15.08	14.83	14.91	16.20
	25	LOW	QPSK	14.94	14.96	14.91	16.20
		MID	QPSK	15.10	15.10	15.06	16.20
		HIGH	QPSK	15.15	15.12	15.15	16.20
	50	LOW	QPSK	15.15	15.13	14.95	16.20
10	1	LOW	Q16	15.27	15.26	15.16	16.20
		MID	Q16	15.37	15.53	15.21	16.20
		HIGH	Q16	15.30	15.16	15.36	16.20
	25	LOW	Q16	14.91	15.17	15.13	16.20
		MID	Q16	15.16	15.01	15.01	16.20
		HIGH	Q16	14.89	15.13	14.95	16.20
	50	LOW	Q16	15.19	15.18	15.03	16.20
10	1	LOW	64QAM	15.17	15.15	15.35	16.20
		MID	64QAM	15.21	15.63	15.42	16.20
		HIGH	64QAM	15.52	15.29	15.32	16.20
	25	LOW	64QAM	15.04	15.22	14.96	16.20
		MID	64QAM	15.15	15.08	14.95	16.20
		HIGH	64QAM	15.10	15.24	14.94	16.20
	50	LOW	64QAM	15.10	14.98	15.20	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	14.71	14.85	14.90	16.20
		MID	QPSK	15.08	15.04	15.16	16.20
		HIGH	QPSK	15.08	14.85	14.86	16.20
	36	LOW	QPSK	15.01	15.20	15.01	16.20
		MID	QPSK	15.22	15.19	15.16	16.20
		HIGH	QPSK	15.07	15.14	14.91	16.20
15	75	LOW	QPSK	15.19	15.17	15.03	16.20
15	1	LOW	Q16	15.08	15.13	15.14	16.20
		MID	Q16	15.45	15.37	15.24	16.20
		HIGH	Q16	15.35	15.32	15.15	16.20
	36	LOW	Q16	15.03	15.03	14.94	16.20
		MID	Q16	15.02	15.15	15.13	16.20
		HIGH	Q16	14.96	15.01	14.95	16.20
	75	LOW	Q16	15.15	15.15	15.00	16.20
15	1	LOW	64QAM	15.20	15.21	15.30	16.20
		MID	64QAM	15.37	15.49	15.45	16.20
		HIGH	64QAM	15.46	15.21	15.28	16.20
	36	LOW	64QAM	14.88	14.98	15.00	16.20
		MID	64QAM	15.19	15.21	15.05	16.20
		HIGH	64QAM	14.97	15.01	15.15	16.20
	75	LOW	64QAM	14.89	14.96	15.14	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	14.79	14.92	14.96	16.20
		MID	QPSK	14.94	15.03	15.02	16.20
		HIGH	QPSK	14.99	14.98	14.97	16.20
	50	LOW	QPSK	14.93	15.09	15.00	16.20
		MID	QPSK	15.07	15.11	15.13	16.20
		HIGH	QPSK	15.08	15.12	15.04	16.20
20	100	LOW	QPSK	15.04	15.05	15.02	16.20
20	1	LOW	Q16	15.23	15.38	15.25	16.20
		MID	Q16	15.36	15.27	15.34	16.20
		HIGH	Q16	15.40	15.45	15.25	16.20
	50	LOW	Q16	14.89	15.08	15.02	16.20
		MID	Q16	15.04	15.09	15.08	16.20
		HIGH	Q16	15.02	15.13	15.05	16.20
	100	LOW	Q16	15.04	15.10	15.05	16.20
20	1	LOW	64QAM	15.19	15.24	15.36	16.20
		MID	64QAM	15.30	15.34	15.26	16.20
		HIGH	64QAM	15.47	15.43	15.10	16.20
	50	LOW	64QAM	14.77	15.14	15.15	16.20
		MID	64QAM	15.06	15.11	14.95	16.20
		HIGH	64QAM	15.09	15.05	15.19	16.20
	100	LOW	64QAM	14.96	15.14	14.92	16.20

LTE B4-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.15	23.13	23.10	24.20
		MID	QPSK	23.17	23.13	23.14	24.20
		HIGH	QPSK	23.18	23.12	23.14	24.20
	3	LOW	QPSK	23.29	23.28	23.21	24.20
		MID	QPSK	23.32	23.27	23.23	24.20
		HIGH	QPSK	23.31	23.25	23.19	24.20
	6	LOW	QPSK	22.30	22.27	22.18	23.20
1.4	1	LOW	Q16	22.37	22.69	22.17	23.20
		MID	Q16	22.38	22.62	22.16	23.20
		HIGH	Q16	22.39	22.65	22.19	23.20
	3	LOW	Q16	22.33	22.48	22.34	23.20
		MID	Q16	22.35	22.42	22.33	23.20
		HIGH	Q16	22.37	22.43	22.33	23.20
	6	LOW	Q16	21.44	21.15	21.33	22.20
1.4	1	LOW	64QAM	21.52	21.60	21.32	22.20
		MID	64QAM	21.40	21.64	21.05	22.20
		HIGH	64QAM	21.26	21.52	21.25	22.20
	3	LOW	64QAM	21.38	21.33	21.35	22.20
		MID	64QAM	21.49	21.55	21.18	22.20
		HIGH	64QAM	21.45	21.53	21.37	22.20
	6	LOW	64QAM	20.43	20.18	20.21	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.32	23.21	23.08	24.20
		MID	QPSK	23.29	23.21	23.16	24.20
		HIGH	QPSK	23.28	23.23	23.17	24.20
	8	LOW	QPSK	22.22	22.29	22.19	23.20
		MID	QPSK	22.25	22.27	22.16	23.20
		HIGH	QPSK	22.26	22.27	22.17	23.20
	15	LOW	QPSK	22.28	22.27	22.18	23.20
3	1	LOW	Q16	22.23	22.65	22.15	23.20
		MID	Q16	22.19	22.68	22.21	23.20
		HIGH	Q16	22.18	22.69	22.18	23.20
	8	LOW	Q16	21.41	21.40	21.19	22.20
		MID	Q16	21.39	21.36	21.23	22.20
		HIGH	Q16	21.38	21.33	21.24	22.20
	15	LOW	Q16	21.32	21.32	21.13	22.20
3	1	LOW	64QAM	21.15	21.57	21.03	22.20
		MID	64QAM	21.28	21.57	21.16	22.20
		HIGH	64QAM	21.30	21.60	21.03	22.20
	8	LOW	64QAM	20.56	20.45	20.33	22.20
		MID	64QAM	20.40	20.44	20.37	22.20
		HIGH	64QAM	20.51	20.30	20.20	22.20
	15	LOW	64QAM	20.38	20.27	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.47	23.27	23.25	24.20
		MID	QPSK	23.47	23.27	23.20	24.20
		HIGH	QPSK	23.45	23.30	23.33	24.20
	12	LOW	QPSK	22.24	22.34	22.22	23.20
		MID	QPSK	22.28	22.30	22.21	23.20
		HIGH	QPSK	22.32	22.28	22.18	23.20
	25	LOW	QPSK	22.27	22.33	22.22	23.20
5	1	LOW	Q16	22.64	22.89	22.29	23.20
		MID	Q16	22.59	22.90	22.21	23.20
		HIGH	Q16	22.60	22.91	22.31	23.20
	12	LOW	Q16	21.35	21.47	21.26	22.20
		MID	Q16	21.33	21.40	21.23	22.20
		HIGH	Q16	21.35	21.41	21.22	22.20
	25	LOW	Q16	21.32	21.38	21.17	22.20
5	1	LOW	64QAM	21.58	21.75	21.21	22.20
		MID	64QAM	21.65	21.94	21.12	22.20
		HIGH	64QAM	21.54	21.90	21.18	22.20
	12	LOW	64QAM	20.27	20.61	20.21	21.20
		MID	64QAM	20.45	20.51	20.27	21.20
		HIGH	64QAM	20.39	20.47	20.33	21.20
	25	LOW	64QAM	20.38	20.23	20.32	21.20

LTE B4-Level4-off-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)	
10	1	LOW	QPSK	23.28	23.20	23.16	24.20	
		MID	QPSK	23.32	23.24	23.15	24.20	
		HIGH	QPSK	23.40	23.25	23.18	24.20	
	25	LOW	QPSK	22.18	22.34	22.17	23.20	
		MID	QPSK	22.26	22.31	22.17	23.20	
		HIGH	QPSK	22.33	22.29	22.17	23.20	
	50	LOW	QPSK	22.27	22.31	22.20	23.20	
10	1	LOW	Q16	22.17	22.61	22.15	23.20	
		MID	Q16	22.18	22.63	22.11	23.20	
		HIGH	Q16	22.20	22.65	22.18	23.20	
	25	LOW	Q16	21.25	21.40	21.27	22.20	
		MID	Q16	21.31	21.36	21.29	22.20	
		HIGH	Q16	21.39	21.36	21.29	22.20	
	50	LOW	Q16	21.26	21.33	21.20	22.20	
10	1	LOW	64QAM	21.13	21.48	21.00	22.20	
		MID	64QAM	21.16	21.67	21.26	22.20	
		HIGH	64QAM	21.26	21.53	21.17	22.20	
	25	LOW	64QAM	20.14	20.37	20.31	21.20	
		MID	64QAM	20.29	20.38	20.34	21.20	
		HIGH	64QAM	20.38	20.26	20.19	21.20	
	50	LOW	64QAM	20.18	20.35	20.23	21.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)	
15	1	LOW	QPSK	23.21	23.19	23.13	24.20	
		MID	QPSK	23.30	23.21	23.15	24.20	
		HIGH	QPSK	23.23	23.22	23.13	24.20	
	36	LOW	QPSK	22.17	22.27	22.20	23.20	
		MID	QPSK	22.24	22.27	22.21	23.20	
		HIGH	QPSK	22.29	22.25	22.21	23.20	
15	75	LOW	QPSK	22.24	22.27	22.19	23.20	
		1	LOW	Q16	22.12	22.59	22.55	23.20
			MID	Q16	22.25	22.68	22.54	23.20
	HIGH		Q16	22.11	22.60	22.49	23.20	
	36	LOW	Q16	21.15	21.32	21.17	22.20	
		MID	Q16	21.26	21.33	21.20	22.20	
HIGH		Q16	21.28	21.35	21.18	22.20		
15	75	LOW	Q16	21.21	21.30	21.17	22.20	
		1	LOW	64QAM	21.15	21.45	21.49	22.20
			MID	64QAM	21.15	21.68	21.42	22.20
	HIGH		64QAM	21.15	21.51	21.62	22.20	
	36	LOW	64QAM	20.30	20.19	20.17	21.20	
		MID	64QAM	20.27	20.31	20.22	21.20	
HIGH		64QAM	20.37	20.20	20.16	21.20		
15	75	LOW	64QAM	20.20	20.16	20.15	21.20	
		20	LOW	QPSK	23.07	23.10	23.07	24.20
			MID	QPSK	23.21	23.27	23.22	24.20
	HIGH		QPSK	23.21	23.24	23.12	24.20	
	50	LOW	QPSK	22.14	22.33	22.21	23.20	
		MID	QPSK	22.32	22.30	22.26	23.20	
HIGH		QPSK	22.29	22.33	22.26	23.20		
20	100	LOW	QPSK	22.27	22.27	22.25	23.20	
		1	LOW	Q16	22.78	22.49	22.55	23.20
			MID	Q16	22.92	22.73	22.67	23.20
	HIGH		Q16	22.78	22.59	22.57	23.20	
	50	LOW	Q16	21.14	21.32	21.15	22.20	
		MID	Q16	21.33	21.33	21.24	22.20	
HIGH		Q16	21.31	21.32	21.20	22.20		
20	100	LOW	Q16	21.29	21.27	21.20	22.20	
		1	LOW	64QAM	21.64	21.43	21.52	22.20
			MID	64QAM	21.86	21.76	21.67	22.20
	HIGH		64QAM	21.91	21.57	21.59	22.20	
	50	LOW	64QAM	20.14	20.33	20.01	21.20	
		MID	64QAM	20.46	20.36	20.27	21.20	
HIGH		64QAM	20.27	20.34	20.35	21.20		
20	100	LOW	64QAM	20.30	20.42	20.32	21.20	

LTE B4-Level 4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.36	19.48	19.58	21.20
		MID	QPSK	19.54	19.60	19.73	21.20
		HIGH	QPSK	19.53	19.60	19.45	21.20
	3	LOW	QPSK	19.40	19.50	19.59	21.20
		MID	QPSK	19.57	19.60	19.47	21.20
		HIGH	QPSK	19.54	19.84	19.63	21.20
	6	LOW	QPSK	19.55	19.67	19.47	21.20
1.4	1	LOW	Q16	19.81	19.92	20.05	21.20
		MID	Q16	19.93	19.91	20.08	21.20
		HIGH	Q16	19.85	20.08	19.89	21.20
	3	LOW	Q16	19.60	19.63	19.73	21.20
		MID	Q16	19.48	19.57	19.55	21.20
		HIGH	Q16	19.70	19.87	19.57	21.20
	6	LOW	Q16	19.54	19.64	19.74	21.20
1.4	1	LOW	64QAM	19.69	19.87	19.81	21.20
		MID	64QAM	20.01	19.82	20.15	21.20
		HIGH	64QAM	19.85	19.93	19.93	21.20
	3	LOW	64QAM	19.41	19.68	19.66	21.20
		MID	64QAM	19.71	19.77	19.55	21.20
		HIGH	64QAM	19.50	19.86	19.73	21.20
	6	LOW	64QAM	19.53	19.54	19.57	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.33	19.58	19.36	21.20
		MID	QPSK	19.44	19.74	19.61	21.20
		HIGH	QPSK	19.51	19.42	19.67	21.20
	8	LOW	QPSK	19.63	19.57	19.48	21.20
		MID	QPSK	19.69	19.53	19.50	21.20
		HIGH	QPSK	19.79	19.64	19.71	21.20
3	15	LOW	QPSK	19.47	19.73	19.61	21.20
3	1	LOW	Q16	19.43	19.76	19.66	21.20
		MID	Q16	19.68	19.87	19.96	21.20
		HIGH	Q16	19.86	19.90	19.62	21.20
	8	LOW	Q16	19.33	19.56	19.50	21.20
		MID	Q16	19.51	19.80	19.56	21.20
		HIGH	Q16	19.68	19.82	19.64	21.20
	15	LOW	Q16	19.56	19.78	19.69	21.20
3	1	LOW	64QAM	19.38	19.96	19.76	21.20
		MID	64QAM	19.85	19.76	20.09	21.20
		HIGH	64QAM	19.84	19.85	19.51	21.20
	8	LOW	64QAM	19.47	19.57	19.54	21.20
		MID	64QAM	19.44	19.62	19.53	21.20
		HIGH	64QAM	19.77	19.68	19.76	21.20
3	15	LOW	64QAM	19.74	19.75	19.59	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.29	19.41	19.59	21.20
		MID	QPSK	19.38	19.60	19.61	21.20
		HIGH	QPSK	19.66	19.64	19.63	21.20
	12	LOW	QPSK	19.56	19.56	19.52	21.20
		MID	QPSK	19.68	19.79	19.72	21.20
		HIGH	QPSK	19.65	19.67	19.54	21.20
5	25	LOW	QPSK	19.63	19.56	19.62	21.20
5	1	LOW	Q16	19.58	19.65	19.93	21.20
		MID	Q16	19.59	19.87	20.10	21.20
		HIGH	Q16	19.60	19.86	19.90	21.20
	12	LOW	Q16	19.61	19.53	19.46	21.20
		MID	Q16	19.68	19.66	19.55	21.20
		HIGH	Q16	19.74	19.73	19.76	21.20
	25	LOW	Q16	19.55	19.57	19.60	21.20
5	1	LOW	64QAM	19.72	19.76	19.96	21.20
		MID	64QAM	19.44	20.08	19.93	21.20
		HIGH	64QAM	20.05	20.05	19.85	21.20
	12	LOW	64QAM	19.37	19.61	19.55	21.20
		MID	64QAM	19.65	19.59	19.78	21.20
		HIGH	64QAM	19.51	19.68	19.61	21.20
5	25	LOW	64QAM	19.59	19.54	19.72	21.20

LTE B4-Level 4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.35	19.39	19.51	21.20
		MID	QPSK	19.67	19.47	19.64	21.20
		HIGH	QPSK	19.56	19.47	19.58	21.20
	25	LOW	QPSK	19.53	19.52	19.64	21.20
		MID	QPSK	19.78	19.70	19.73	21.20
		HIGH	QPSK	19.60	19.62	19.54	21.20
	50	LOW	QPSK	19.48	19.59	19.52	21.20
10	1	LOW	Q16	19.54	19.68	19.83	21.20
		MID	Q16	20.11	19.78	19.75	21.20
		HIGH	Q16	19.84	19.51	19.78	21.20
	25	LOW	Q16	19.59	19.63	19.61	21.20
		MID	Q16	19.44	19.58	19.52	21.20
		HIGH	Q16	19.58	19.87	19.58	21.20
	50	LOW	Q16	19.64	19.83	19.48	21.20
10	1	LOW	64QAM	19.73	19.82	19.81	21.20
		MID	64QAM	19.84	19.85	19.90	21.20
		HIGH	64QAM	20.05	19.42	19.94	21.20
	25	LOW	64QAM	19.48	19.70	19.47	21.20
		MID	64QAM	19.49	19.64	19.56	21.20
		HIGH	64QAM	19.69	19.60	19.75	21.20
	50	LOW	64QAM	19.72	19.82	19.69	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.29	19.39	19.48	21.20
		MID	QPSK	19.52	19.58	19.66	21.20
		HIGH	QPSK	19.48	19.51	19.65	21.20
	36	LOW	QPSK	19.54	19.71	19.64	21.20
		MID	QPSK	19.54	19.72	19.73	21.20
		HIGH	QPSK	19.77	19.84	19.61	21.20
15	75	LOW	QPSK	19.44	19.67	19.70	21.20
15	1	LOW	Q16	19.44	19.59	19.76	21.20
		MID	Q16	19.78	19.77	19.86	21.20
		HIGH	Q16	19.94	19.73	20.00	21.20
	36	LOW	Q16	19.45	19.62	19.65	21.20
		MID	Q16	19.52	19.69	19.70	21.20
		HIGH	Q16	19.47	19.58	19.54	21.20
	75	LOW	Q16	19.68	19.66	19.65	21.20
15	1	LOW	64QAM	19.34	19.67	19.81	21.20
		MID	64QAM	19.72	19.69	20.14	21.20
		HIGH	64QAM	19.92	19.62	19.79	21.20
	36	LOW	64QAM	19.35	19.61	19.68	21.20
		MID	64QAM	19.49	19.82	19.56	21.20
		HIGH	64QAM	19.55	19.68	19.73	21.20
	75	LOW	64QAM	19.74	19.68	19.45	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.46	19.51	21.20
		MID	QPSK	19.53	19.62	19.60	21.20
		HIGH	QPSK	19.54	19.53	19.54	21.20
	50	LOW	QPSK	19.51	19.65	19.58	21.20
		MID	QPSK	19.65	19.68	19.69	21.20
		HIGH	QPSK	19.67	19.62	19.61	21.20
20	100	LOW	QPSK	19.58	19.64	19.62	21.20
20	1	LOW	Q16	19.65	19.60	19.90	21.20
		MID	Q16	19.99	19.84	20.04	21.20
		HIGH	Q16	19.99	19.79	19.93	21.20
	50	LOW	Q16	19.46	19.68	19.58	21.20
		MID	Q16	19.59	19.68	19.67	21.20
		HIGH	Q16	19.62	19.73	19.65	21.20
	100	LOW	Q16	19.60	19.68	19.59	21.20
20	1	LOW	64QAM	19.74	19.63	19.78	21.20
		MID	64QAM	20.00	19.83	19.96	21.20
		HIGH	64QAM	20.03	19.74	19.85	21.20
	50	LOW	64QAM	19.49	19.67	19.57	21.20
		MID	64QAM	19.71	19.82	19.67	21.20
		HIGH	64QAM	19.75	19.70	19.57	21.20
	100	LOW	64QAM	19.58	19.81	19.72	21.20

LTE B4-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.15	23.13	23.10	24.20
		MID	QPSK	23.17	23.13	23.14	24.20
		HIGH	QPSK	23.18	23.12	23.14	24.20
	3	LOW	QPSK	23.29	23.28	23.21	24.20
		MID	QPSK	23.32	23.27	23.23	24.20
		HIGH	QPSK	23.31	23.25	23.19	24.20
	6	LOW	QPSK	22.30	22.27	22.18	23.20
1.4	1	LOW	Q16	22.37	22.69	22.17	23.20
		MID	Q16	22.38	22.62	22.16	23.20
		HIGH	Q16	22.39	22.65	22.19	23.20
	3	LOW	Q16	22.33	22.48	22.34	23.20
		MID	Q16	22.35	22.42	22.33	23.20
		HIGH	Q16	22.37	22.43	22.33	23.20
	6	LOW	Q16	21.44	21.15	21.33	22.20
1.4	1	LOW	64QAM	21.52	21.60	21.32	22.20
		MID	64QAM	21.40	21.64	21.05	22.20
		HIGH	64QAM	21.26	21.52	21.25	22.20
	3	LOW	64QAM	21.38	21.33	21.35	22.20
		MID	64QAM	21.49	21.55	21.18	22.20
		HIGH	64QAM	21.45	21.53	21.37	22.20
	6	LOW	64QAM	20.43	20.18	20.21	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.32	23.21	23.08	24.20
		MID	QPSK	23.29	23.21	23.16	24.20
		HIGH	QPSK	23.28	23.23	23.17	24.20
	8	LOW	QPSK	22.22	22.29	22.19	23.20
		MID	QPSK	22.25	22.27	22.16	23.20
		HIGH	QPSK	22.26	22.27	22.17	23.20
	15	LOW	QPSK	22.28	22.27	22.18	23.20
3	1	LOW	Q16	22.23	22.65	22.15	23.20
		MID	Q16	22.19	22.68	22.21	23.20
		HIGH	Q16	22.18	22.69	22.18	23.20
	8	LOW	Q16	21.41	21.40	21.19	22.20
		MID	Q16	21.39	21.36	21.23	22.20
		HIGH	Q16	21.38	21.33	21.24	22.20
	15	LOW	Q16	21.32	21.32	21.13	22.20
3	1	LOW	64QAM	21.15	21.57	21.03	22.20
		MID	64QAM	21.28	21.57	21.16	22.20
		HIGH	64QAM	21.30	21.60	21.03	22.20
	8	LOW	64QAM	20.56	20.45	20.33	22.20
		MID	64QAM	20.40	20.44	20.37	22.20
		HIGH	64QAM	20.51	20.30	20.20	22.20
	15	LOW	64QAM	20.38	20.27	19.98	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.47	23.27	23.25	24.20
		MID	QPSK	23.47	23.27	23.20	24.20
		HIGH	QPSK	23.45	23.30	23.33	24.20
	12	LOW	QPSK	22.24	22.34	22.22	23.20
		MID	QPSK	22.28	22.30	22.21	23.20
		HIGH	QPSK	22.32	22.28	22.18	23.20
	25	LOW	QPSK	22.27	22.33	22.22	23.20
5	1	LOW	Q16	22.64	22.89	22.29	23.20
		MID	Q16	22.59	22.90	22.21	23.20
		HIGH	Q16	22.60	22.91	22.31	23.20
	12	LOW	Q16	21.35	21.47	21.26	22.20
		MID	Q16	21.33	21.40	21.23	22.20
		HIGH	Q16	21.35	21.41	21.22	22.20
	25	LOW	Q16	21.32	21.38	21.17	22.20
5	1	LOW	64QAM	21.58	21.75	21.21	22.20
		MID	64QAM	21.65	21.94	21.12	22.20
		HIGH	64QAM	21.54	21.90	21.18	22.20
	12	LOW	64QAM	20.27	20.61	20.21	21.20
		MID	64QAM	20.45	20.51	20.27	21.20
		HIGH	64QAM	20.39	20.47	20.33	21.20
	25	LOW	64QAM	20.38	20.23	20.32	21.20

LTE B4-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.28	23.20	23.16	24.20
		MID	QPSK	23.32	23.24	23.15	24.20
		HIGH	QPSK	23.40	23.25	23.18	24.20
	25	LOW	QPSK	22.18	22.34	22.17	23.20
		MID	QPSK	22.26	22.31	22.17	23.20
		HIGH	QPSK	22.33	22.29	22.17	23.20
	50	LOW	QPSK	22.27	22.31	22.20	23.20
10	1	LOW	Q16	22.17	22.61	22.15	23.20
		MID	Q16	22.18	22.63	22.11	23.20
		HIGH	Q16	22.20	22.65	22.18	23.20
	25	LOW	Q16	21.25	21.40	21.27	22.20
		MID	Q16	21.31	21.36	21.29	22.20
		HIGH	Q16	21.39	21.36	21.29	22.20
	50	LOW	Q16	21.26	21.33	21.20	22.20
10	1	LOW	64QAM	21.13	21.48	21.00	22.20
		MID	64QAM	21.16	21.67	21.26	22.20
		HIGH	64QAM	21.26	21.53	21.17	22.20
	25	LOW	64QAM	20.14	20.37	20.31	21.20
		MID	64QAM	20.29	20.38	20.34	21.20
		HIGH	64QAM	20.38	20.26	20.19	21.20
	50	LOW	64QAM	20.18	20.35	20.23	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.19	23.13	24.20
		MID	QPSK	23.30	23.21	23.15	24.20
		HIGH	QPSK	23.23	23.22	23.13	24.20
	36	LOW	QPSK	22.17	22.27	22.20	23.20
		MID	QPSK	22.24	22.27	22.21	23.20
		HIGH	QPSK	22.29	22.25	22.21	23.20
75	LOW	QPSK	22.24	22.27	22.19	23.20	
15	1	LOW	Q16	22.12	22.59	22.55	23.20
		MID	Q16	22.25	22.68	22.54	23.20
		HIGH	Q16	22.11	22.60	22.49	23.20
	36	LOW	Q16	21.15	21.32	21.17	22.20
		MID	Q16	21.26	21.33	21.20	22.20
		HIGH	Q16	21.28	21.35	21.18	22.20
75	LOW	Q16	21.21	21.30	21.17	22.20	
15	1	LOW	64QAM	21.15	21.45	21.49	22.20
		MID	64QAM	21.15	21.68	21.42	22.20
		HIGH	64QAM	21.15	21.51	21.62	22.20
	36	LOW	64QAM	20.30	20.19	20.17	21.20
		MID	64QAM	20.27	20.31	20.22	21.20
		HIGH	64QAM	20.37	20.20	20.16	21.20
	75	LOW	64QAM	20.20	20.16	20.15	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.07	23.10	23.07	24.20
		MID	QPSK	23.21	23.27	23.22	24.20
		HIGH	QPSK	23.21	23.24	23.12	24.20
	50	LOW	QPSK	22.14	22.33	22.21	23.20
		MID	QPSK	22.32	22.30	22.26	23.20
		HIGH	QPSK	22.29	22.33	22.26	23.20
100	LOW	QPSK	22.27	22.27	22.25	23.20	
20	1	LOW	Q16	22.78	22.49	22.55	23.20
		MID	Q16	22.92	22.73	22.67	23.20
		HIGH	Q16	22.78	22.59	22.57	23.20
	50	LOW	Q16	21.14	21.32	21.15	22.20
		MID	Q16	21.33	21.33	21.24	22.20
		HIGH	Q16	21.31	21.32	21.20	22.20
100	LOW	Q16	21.29	21.27	21.20	22.20	
20	1	LOW	64QAM	21.64	21.43	21.52	22.20
		MID	64QAM	21.86	21.76	21.67	22.20
		HIGH	64QAM	21.91	21.57	21.59	22.20
	50	LOW	64QAM	20.14	20.33	20.01	21.20
		MID	64QAM	20.46	20.36	20.27	21.20
		HIGH	64QAM	20.27	20.34	20.35	21.20
	100	LOW	64QAM	20.30	20.42	20.32	21.20

LTE B4-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.84	20.10	19.94	20.70
		MID	QPSK	20.18	20.31	20.09	20.70
		HIGH	QPSK	20.05	20.07	20.08	20.70
	3	LOW	QPSK	20.02	20.35	20.24	20.70
		MID	QPSK	20.21	20.22	20.08	20.70
		HIGH	QPSK	20.22	20.43	20.17	20.70
	6	LOW	QPSK	20.30	20.20	20.05	20.70
1.4	1	LOW	Q16	20.28	20.54	20.33	20.70
		MID	Q16	20.55	20.59	20.46	20.70
		HIGH	Q16	20.48	20.34	20.45	20.70
	3	LOW	Q16	20.09	20.14	20.12	20.70
		MID	Q16	20.32	20.38	20.07	20.70
		HIGH	Q16	20.30	20.17	20.18	20.70
	6	LOW	Q16	20.02	20.29	20.09	20.70
1.4	1	LOW	64QAM	20.30	20.42	20.40	20.70
		MID	64QAM	20.39	20.48	20.39	20.70
		HIGH	64QAM	20.49	20.42	20.40	20.70
	3	LOW	64QAM	19.95	20.29	20.18	20.70
		MID	64QAM	20.25	20.20	20.32	20.70
		HIGH	64QAM	20.13	20.14	20.04	20.70
	6	LOW	64QAM	20.09	20.24	20.17	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.02	19.95	19.98	20.70
		MID	QPSK	20.07	20.31	20.16	20.70
		HIGH	QPSK	19.95	20.25	20.09	20.70
	8	LOW	QPSK	20.11	20.32	20.19	20.70
		MID	QPSK	20.28	20.36	20.16	20.70
		HIGH	QPSK	20.31	20.43	20.15	20.70
	15	LOW	QPSK	20.20	20.32	20.08	20.70
3	1	LOW	Q16	20.24	20.41	20.35	20.70
		MID	Q16	20.43	20.70	20.61	20.70
		HIGH	Q16	20.26	20.62	20.44	20.70
	8	LOW	Q16	19.91	20.11	20.17	20.70
		MID	Q16	20.23	20.41	20.37	20.70
		HIGH	Q16	20.18	20.19	20.12	20.70
	15	LOW	Q16	20.19	20.38	20.13	20.70
3	1	LOW	64QAM	20.47	20.34	20.47	20.70
		MID	64QAM	20.56	20.65	20.45	20.70
		HIGH	64QAM	20.12	20.63	20.59	20.70
	8	LOW	64QAM	20.05	20.10	20.28	20.70
		MID	64QAM	20.22	20.13	20.24	20.70
		HIGH	64QAM	20.29	20.42	20.28	20.70
	15	LOW	64QAM	20.30	20.14	20.27	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.00	19.86	20.18	20.70
		MID	QPSK	20.08	20.28	20.17	20.70
		HIGH	QPSK	20.07	20.12	20.12	20.70
	12	LOW	QPSK	20.17	20.09	20.20	20.70
		MID	QPSK	20.34	20.21	20.17	20.70
		HIGH	QPSK	20.11	20.13	20.27	20.70
	25	LOW	QPSK	20.29	20.11	20.13	20.70
5	1	LOW	Q16	20.34	20.27	20.32	20.70
		MID	Q16	20.53	20.51	20.40	20.70
		HIGH	Q16	20.50	20.31	20.56	20.70
	12	LOW	Q16	20.18	20.11	20.11	20.70
		MID	Q16	20.09	20.41	20.21	20.70
		HIGH	Q16	20.06	20.16	20.20	20.70
	25	LOW	Q16	20.20	20.23	20.04	20.70
5	1	LOW	64QAM	20.45	20.32	20.44	20.70
		MID	64QAM	20.56	20.41	20.54	20.70
		HIGH	64QAM	20.50	20.23	20.59	20.70
	12	LOW	64QAM	20.02	20.30	20.04	20.70
		MID	64QAM	20.09	20.29	20.15	20.70
		HIGH	64QAM	20.29	20.20	20.27	20.70
	25	LOW	64QAM	20.25	20.11	20.07	20.70

LTE B4-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.05	20.01	20.05	20.70
		MID	QPSK	20.04	20.03	20.15	20.70
		HIGH	QPSK	19.94	20.21	20.00	20.70
	25	LOW	QPSK	20.16	20.22	19.95	20.70
		MID	QPSK	20.23	20.36	20.09	20.70
		HIGH	QPSK	20.34	20.35	20.02	20.70
	50	LOW	QPSK	20.20	20.08	20.03	20.70
10	1	LOW	Q16	20.27	20.26	20.25	20.70
		MID	Q16	20.40	20.53	20.39	20.70
		HIGH	Q16	20.42	20.68	20.32	20.70
	25	LOW	Q16	19.93	20.14	20.20	20.70
		MID	Q16	20.06	20.12	20.26	20.70
		HIGH	Q16	20.26	20.39	20.15	20.70
	50	LOW	Q16	20.05	20.11	20.26	20.70
10	1	LOW	64QAM	20.38	20.21	20.46	20.70
		MID	64QAM	20.44	20.48	20.52	20.70
		HIGH	64QAM	20.42	20.69	20.40	20.70
	25	LOW	64QAM	20.04	20.10	20.30	20.70
		MID	64QAM	20.29	20.34	20.12	20.70
		HIGH	64QAM	20.29	20.16	20.23	20.70
	50	LOW	64QAM	20.07	20.18	20.28	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.83	19.81	19.99	20.70
		MID	QPSK	20.16	20.29	19.99	20.70
		HIGH	QPSK	20.03	20.21	20.15	20.70
	36	LOW	QPSK	19.94	20.17	20.18	20.70
		MID	QPSK	20.14	20.29	20.25	20.70
		HIGH	QPSK	20.28	20.26	20.19	20.70
75	LOW	QPSK	20.20	20.12	20.13	20.70	
15	1	LOW	Q16	20.13	20.23	20.48	20.70
		MID	Q16	20.56	20.65	20.18	20.70
		HIGH	Q16	20.19	20.63	20.32	20.70
	36	LOW	Q16	20.00	20.14	20.10	20.70
		MID	Q16	20.13	20.39	20.16	20.70
		HIGH	Q16	20.14	20.14	20.13	20.70
75	LOW	Q16	20.28	20.19	19.99	20.70	
15	1	LOW	64QAM	20.12	20.29	20.34	20.70
		MID	64QAM	20.56	20.66	20.23	20.70
		HIGH	64QAM	20.19	20.59	20.25	20.70
	36	LOW	64QAM	20.19	20.37	20.04	20.70
		MID	64QAM	20.30	20.31	20.09	20.70
		HIGH	64QAM	20.11	20.37	20.14	20.70
	75	LOW	64QAM	20.24	20.26	20.26	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.95	19.95	20.05	20.70
		MID	QPSK	20.06	20.17	20.14	20.70
		HIGH	QPSK	20.08	20.11	20.06	20.70
	50	LOW	QPSK	20.08	20.22	20.10	20.70
		MID	QPSK	20.30	20.26	20.17	20.70
		HIGH	QPSK	20.20	20.28	20.16	20.70
100	LOW	QPSK	20.16	20.20	20.13	20.70	
20	1	LOW	Q16	20.42	20.43	20.47	20.70
		MID	Q16	20.54	20.52	20.53	20.70
		HIGH	Q16	20.55	20.51	20.46	20.70
	50	LOW	Q16	20.05	20.25	20.16	20.70
		MID	Q16	20.19	20.26	20.22	20.70
		HIGH	Q16	20.16	20.29	20.19	20.70
100	LOW	Q16	20.17	20.25	20.13	20.70	
20	1	LOW	64QAM	20.41	20.28	20.54	20.70
		MID	64QAM	20.51	20.46	20.38	20.70
		HIGH	64QAM	20.53	20.50	20.43	20.70
	50	LOW	64QAM	20.02	20.40	20.12	20.70
		MID	64QAM	20.13	20.33	20.17	20.70
		HIGH	64QAM	20.23	20.43	20.07	20.70
100	LOW	64QAM	20.06	20.19	20.26	20.70	

LTE B4-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.14	23.10	24.50
		MID	QPSK	23.14	23.15	23.18	24.50
		HIGH	QPSK	23.14	23.15	23.19	24.50
	3	LOW	QPSK	23.28	23.24	23.21	24.50
		MID	QPSK	23.30	23.23	23.24	24.50
		HIGH	QPSK	23.27	23.12	23.22	24.50
	6	LOW	QPSK	22.33	22.21	22.21	23.50
1.4	1	LOW	Q16	22.32	22.53	22.18	23.50
		MID	Q16	22.37	22.52	22.17	23.50
		HIGH	Q16	22.37	22.56	22.21	23.50
	3	LOW	Q16	22.34	22.40	22.37	23.50
		MID	Q16	22.33	22.38	22.37	23.50
		HIGH	Q16	22.36	22.38	22.34	23.50
	6	LOW	Q16	21.47	21.17	21.39	22.50
1.4	1	LOW	64QAM	21.17	21.43	21.08	22.50
		MID	64QAM	21.26	21.55	21.30	22.50
		HIGH	64QAM	21.24	21.69	21.11	22.50
	3	LOW	64QAM	21.44	21.44	21.49	22.50
		MID	64QAM	21.43	21.29	21.46	22.50
		HIGH	64QAM	21.40	21.40	21.41	22.50
	6	LOW	64QAM	20.61	20.14	20.39	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.15	23.10	24.50
		MID	QPSK	23.25	23.16	23.18	24.50
		HIGH	QPSK	23.26	23.16	23.26	24.50
	8	LOW	QPSK	22.26	22.32	22.21	23.50
		MID	QPSK	22.29	22.24	22.21	23.50
		HIGH	QPSK	22.28	22.24	22.21	23.50
	15	LOW	QPSK	22.31	22.25	22.22	23.50
3	1	LOW	Q16	22.25	22.60	22.16	23.50
		MID	Q16	22.18	22.64	22.19	23.50
		HIGH	Q16	22.17	22.63	22.15	23.50
	8	LOW	Q16	21.42	21.38	21.27	22.50
		MID	Q16	21.40	21.34	21.25	22.50
		HIGH	Q16	21.43	21.35	21.30	22.50
	15	LOW	Q16	21.36	21.32	21.17	22.50
3	1	LOW	64QAM	21.84	21.52	21.73	22.50
		MID	64QAM	21.81	21.84	21.68	22.50
		HIGH	64QAM	21.75	21.77	21.59	22.50
	8	LOW	64QAM	20.28	20.41	20.31	21.50
		MID	64QAM	20.44	20.49	20.20	21.50
		HIGH	64QAM	20.31	20.36	20.15	21.50
	15	LOW	64QAM	20.52	20.42	20.41	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.44	23.26	23.25	24.50
		MID	QPSK	23.44	23.32	23.22	24.50
		HIGH	QPSK	23.38	23.28	23.29	24.50
	12	LOW	QPSK	22.32	22.33	22.30	23.50
		MID	QPSK	22.31	22.30	22.24	23.50
		HIGH	QPSK	22.30	22.30	22.24	23.50
	25	LOW	QPSK	22.31	22.33	22.27	23.50
5	1	LOW	Q16	22.65	22.85	22.31	23.50
		MID	Q16	22.59	22.88	22.28	23.50
		HIGH	Q16	22.60	22.88	22.32	23.50
	12	LOW	Q16	21.40	21.48	21.30	22.50
		MID	Q16	21.37	21.42	21.29	22.50
		HIGH	Q16	21.41	21.47	21.27	22.50
	25	LOW	Q16	21.37	21.42	21.23	22.50
5	1	LOW	64QAM	21.65	21.96	21.17	22.50
		MID	64QAM	21.56	21.85	21.16	22.50
		HIGH	64QAM	21.73	21.87	21.40	22.50
	12	LOW	64QAM	20.45	20.40	20.29	21.50
		MID	64QAM	20.27	20.53	20.29	21.50
		HIGH	64QAM	20.41	20.38	20.14	21.50
	25	LOW	64QAM	20.33	20.32	20.15	21.50

LTE B4-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.28	23.24	23.22	24.50
		MID	QPSK	23.28	23.25	23.20	24.50
		HIGH	QPSK	23.31	23.26	23.25	24.50
	25	LOW	QPSK	22.27	22.34	22.24	23.50
		MID	QPSK	22.31	22.35	22.24	23.50
		HIGH	QPSK	22.37	22.35	22.26	23.50
	50	LOW	QPSK	22.33	22.35	22.27	23.50
10	1	LOW	Q16	22.18	22.61	22.18	23.50
		MID	Q16	22.18	22.65	22.15	23.50
		HIGH	Q16	22.20	22.64	22.22	23.50
	25	LOW	Q16	21.29	21.37	21.37	22.50
		MID	Q16	21.34	21.41	21.36	22.50
		HIGH	Q16	21.44	21.37	21.38	22.50
	50	LOW	Q16	21.30	21.35	21.30	22.50
10	1	LOW	64QAM	21.31	21.66	21.04	22.50
		MID	64QAM	21.16	21.57	21.06	22.50
		HIGH	64QAM	21.13	21.62	21.28	22.50
	25	LOW	64QAM	20.21	20.25	20.51	21.50
		MID	64QAM	20.22	20.55	20.38	21.50
		HIGH	64QAM	20.40	20.47	20.49	21.50
	50	LOW	64QAM	20.18	20.26	20.24	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.24	23.19	23.15	24.50
		MID	QPSK	23.28	23.27	23.18	24.50
		HIGH	QPSK	23.25	23.19	23.18	24.50
	36	LOW	QPSK	22.18	22.29	22.25	23.50
		MID	QPSK	22.28	22.32	22.25	23.50
		HIGH	QPSK	22.33	22.32	22.27	23.50
	75	LOW	QPSK	22.29	22.29	22.25	23.50
15	1	LOW	Q16	22.16	22.59	22.55	23.50
		MID	Q16	22.20	22.65	22.56	23.50
		HIGH	Q16	22.14	22.61	22.55	23.50
	36	LOW	Q16	21.22	21.35	21.27	22.50
		MID	Q16	21.31	21.36	21.27	22.50
		HIGH	Q16	21.34	21.39	21.25	22.50
	75	LOW	Q16	21.28	21.33	21.28	22.50
15	1	LOW	64QAM	21.14	21.66	21.48	22.50
		MID	64QAM	21.15	21.69	21.53	22.50
		HIGH	64QAM	21.19	21.46	21.54	22.50
	36	LOW	64QAM	20.23	20.29	20.36	21.50
		MID	64QAM	20.26	20.29	20.32	21.50
		HIGH	64QAM	20.47	20.37	20.14	21.50
	75	LOW	64QAM	20.18	20.43	20.37	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.09	23.14	23.10	24.50
		MID	QPSK	23.26	23.21	23.25	24.50
		HIGH	QPSK	23.24	23.24	23.18	24.50
	50	LOW	QPSK	22.23	22.32	22.33	23.50
		MID	QPSK	22.36	22.36	22.35	23.50
		HIGH	QPSK	22.33	22.34	22.31	23.50
	100	LOW	QPSK	22.35	22.33	22.34	23.50
20	1	LOW	Q16	22.82	22.51	22.60	23.50
		MID	Q16	22.92	22.69	22.71	23.50
		HIGH	Q16	22.90	22.62	22.64	23.50
	50	LOW	Q16	21.23	21.35	21.30	22.50
		MID	Q16	21.39	21.38	21.34	22.50
		HIGH	Q16	21.43	21.35	21.28	22.50
	100	LOW	Q16	21.39	21.32	21.32	22.50
20	1	LOW	64QAM	21.70	21.49	21.75	22.50
		MID	64QAM	21.86	21.55	21.82	22.50
		HIGH	64QAM	21.94	21.56	21.65	22.50
	50	LOW	64QAM	20.10	20.24	20.31	21.50
		MID	64QAM	20.37	20.44	20.23	21.50
		HIGH	64QAM	20.50	20.43	20.16	21.50
	100	LOW	64QAM	20.53	20.24	20.35	21.50

LTE B4-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.14	23.10	24.50
		MID	QPSK	23.14	23.15	23.18	24.50
		HIGH	QPSK	23.14	23.15	23.19	24.50
	3	LOW	QPSK	23.28	23.24	23.21	24.50
		MID	QPSK	23.30	23.23	23.24	24.50
		HIGH	QPSK	23.27	23.12	23.22	24.50
	6	LOW	QPSK	22.33	22.21	22.21	23.50
1.4	1	LOW	Q16	22.32	22.53	22.18	23.50
		MID	Q16	22.37	22.52	22.17	23.50
		HIGH	Q16	22.37	22.56	22.21	23.50
	3	LOW	Q16	22.34	22.40	22.37	23.50
		MID	Q16	22.33	22.38	22.37	23.50
		HIGH	Q16	22.36	22.38	22.34	23.50
	6	LOW	Q16	21.47	21.17	21.39	22.50
1.4	1	LOW	64QAM	21.17	21.43	21.08	22.50
		MID	64QAM	21.26	21.55	21.30	22.50
		HIGH	64QAM	21.24	21.69	21.11	22.50
	3	LOW	64QAM	21.44	21.44	21.49	22.50
		MID	64QAM	21.43	21.29	21.46	22.50
		HIGH	64QAM	21.40	21.40	21.41	22.50
	6	LOW	64QAM	20.61	20.14	20.39	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.15	23.10	24.50
		MID	QPSK	23.25	23.16	23.18	24.50
		HIGH	QPSK	23.26	23.16	23.26	24.50
	8	LOW	QPSK	22.26	22.32	22.21	23.50
		MID	QPSK	22.29	22.24	22.21	23.50
		HIGH	QPSK	22.28	22.24	22.21	23.50
	15	LOW	QPSK	22.31	22.25	22.22	23.50
3	1	LOW	Q16	22.25	22.60	22.16	23.50
		MID	Q16	22.18	22.64	22.19	23.50
		HIGH	Q16	22.17	22.63	22.15	23.50
	8	LOW	Q16	21.42	21.38	21.27	22.50
		MID	Q16	21.40	21.34	21.25	22.50
		HIGH	Q16	21.43	21.35	21.30	22.50
	15	LOW	Q16	21.36	21.32	21.17	22.50
3	1	LOW	64QAM	21.84	21.52	21.73	22.50
		MID	64QAM	21.81	21.84	21.68	22.50
		HIGH	64QAM	21.75	21.77	21.59	22.50
	8	LOW	64QAM	20.28	20.41	20.31	21.50
		MID	64QAM	20.44	20.49	20.20	21.50
		HIGH	64QAM	20.31	20.36	20.15	21.50
	15	LOW	64QAM	20.52	20.42	20.41	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.44	23.26	23.25	24.50
		MID	QPSK	23.44	23.32	23.22	24.50
		HIGH	QPSK	23.38	23.28	23.29	24.50
	12	LOW	QPSK	22.32	22.33	22.30	23.50
		MID	QPSK	22.31	22.30	22.24	23.50
		HIGH	QPSK	22.30	22.30	22.24	23.50
	25	LOW	QPSK	22.31	22.33	22.27	23.50
5	1	LOW	Q16	22.65	22.85	22.31	23.50
		MID	Q16	22.59	22.88	22.28	23.50
		HIGH	Q16	22.60	22.88	22.32	23.50
	12	LOW	Q16	21.40	21.48	21.30	22.50
		MID	Q16	21.37	21.42	21.29	22.50
		HIGH	Q16	21.41	21.47	21.27	22.50
	25	LOW	Q16	21.37	21.42	21.23	22.50
5	1	LOW	64QAM	21.65	21.96	21.17	22.50
		MID	64QAM	21.56	21.85	21.16	22.50
		HIGH	64QAM	21.73	21.87	21.40	22.50
	12	LOW	64QAM	20.45	20.40	20.29	21.50
		MID	64QAM	20.27	20.53	20.29	21.50
		HIGH	64QAM	20.41	20.38	20.14	21.50
	25	LOW	64QAM	20.33	20.32	20.15	21.50

LTE B4-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.28	23.24	23.22	24.50
		MID	QPSK	23.28	23.25	23.20	24.50
		HIGH	QPSK	23.31	23.26	23.25	24.50
	25	LOW	QPSK	22.27	22.34	22.24	23.50
		MID	QPSK	22.31	22.35	22.24	23.50
		HIGH	QPSK	22.37	22.35	22.26	23.50
	50	LOW	QPSK	22.33	22.35	22.27	23.50
10	1	LOW	Q16	22.18	22.61	22.18	23.50
		MID	Q16	22.18	22.65	22.15	23.50
		HIGH	Q16	22.20	22.64	22.22	23.50
	25	LOW	Q16	21.29	21.37	21.37	22.50
		MID	Q16	21.34	21.41	21.36	22.50
		HIGH	Q16	21.44	21.37	21.38	22.50
	50	LOW	Q16	21.30	21.35	21.30	22.50
10	1	LOW	64QAM	21.31	21.66	21.04	22.50
		MID	64QAM	21.16	21.57	21.06	22.50
		HIGH	64QAM	21.13	21.62	21.28	22.50
	25	LOW	64QAM	20.21	20.25	20.51	21.50
		MID	64QAM	20.22	20.55	20.38	21.50
		HIGH	64QAM	20.40	20.47	20.49	21.50
	50	LOW	64QAM	20.18	20.26	20.24	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.24	23.19	23.15	24.50
		MID	QPSK	23.28	23.27	23.18	24.50
		HIGH	QPSK	23.25	23.19	23.18	24.50
	36	LOW	QPSK	22.18	22.29	22.25	23.50
		MID	QPSK	22.28	22.32	22.25	23.50
		HIGH	QPSK	22.33	22.32	22.27	23.50
	75	LOW	QPSK	22.29	22.29	22.25	23.50
15	1	LOW	Q16	22.16	22.59	22.55	23.50
		MID	Q16	22.20	22.65	22.56	23.50
		HIGH	Q16	22.14	22.61	22.55	23.50
	36	LOW	Q16	21.22	21.35	21.27	22.50
		MID	Q16	21.31	21.36	21.27	22.50
		HIGH	Q16	21.34	21.39	21.25	22.50
	75	LOW	Q16	21.28	21.33	21.28	22.50
15	1	LOW	64QAM	21.14	21.66	21.48	22.50
		MID	64QAM	21.15	21.69	21.53	22.50
		HIGH	64QAM	21.19	21.46	21.54	22.50
	36	LOW	64QAM	20.23	20.29	20.36	21.50
		MID	64QAM	20.26	20.29	20.32	21.50
		HIGH	64QAM	20.47	20.37	20.14	21.50
	75	LOW	64QAM	20.18	20.43	20.37	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.09	23.14	23.10	24.50
		MID	QPSK	23.26	23.21	23.25	24.50
		HIGH	QPSK	23.24	23.24	23.18	24.50
	50	LOW	QPSK	22.23	22.32	22.33	23.50
		MID	QPSK	22.36	22.36	22.35	23.50
		HIGH	QPSK	22.33	22.34	22.31	23.50
	100	LOW	QPSK	22.35	22.33	22.34	23.50
20	1	LOW	Q16	22.82	22.51	22.60	23.50
		MID	Q16	22.92	22.69	22.71	23.50
		HIGH	Q16	22.90	22.62	22.64	23.50
	50	LOW	Q16	21.23	21.35	21.30	22.50
		MID	Q16	21.39	21.38	21.34	22.50
		HIGH	Q16	21.43	21.35	21.28	22.50
	100	LOW	Q16	21.39	21.32	21.32	22.50
20	1	LOW	64QAM	21.70	21.49	21.75	22.50
		MID	64QAM	21.86	21.55	21.82	22.50
		HIGH	64QAM	21.94	21.56	21.65	22.50
	50	LOW	64QAM	20.10	20.24	20.31	21.50
		MID	64QAM	20.37	20.44	20.23	21.50
		HIGH	64QAM	20.50	20.43	20.16	21.50
	100	LOW	64QAM	20.53	20.24	20.35	21.50

LTE B4-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.14	23.10	24.50
		MID	QPSK	23.14	23.15	23.18	24.50
		HIGH	QPSK	23.14	23.15	23.19	24.50
	3	LOW	QPSK	23.28	23.24	23.21	24.50
		MID	QPSK	23.30	23.23	23.24	24.50
		HIGH	QPSK	23.27	23.12	23.22	24.50
	6	LOW	QPSK	22.33	22.21	22.21	23.50
1.4	1	LOW	Q16	22.32	22.53	22.18	23.50
		MID	Q16	22.37	22.52	22.17	23.50
		HIGH	Q16	22.37	22.56	22.21	23.50
	3	LOW	Q16	22.34	22.40	22.37	23.50
		MID	Q16	22.33	22.38	22.37	23.50
		HIGH	Q16	22.36	22.38	22.34	23.50
	6	LOW	Q16	21.47	21.17	21.39	22.50
1.4	1	LOW	64QAM	21.17	21.43	21.08	22.50
		MID	64QAM	21.26	21.55	21.30	22.50
		HIGH	64QAM	21.24	21.69	21.11	22.50
	3	LOW	64QAM	21.44	21.44	21.49	22.50
		MID	64QAM	21.43	21.29	21.46	22.50
		HIGH	64QAM	21.40	21.40	21.41	22.50
	6	LOW	64QAM	20.61	20.14	20.39	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.15	23.10	24.50
		MID	QPSK	23.25	23.16	23.18	24.50
		HIGH	QPSK	23.26	23.16	23.26	24.50
	8	LOW	QPSK	22.26	22.32	22.21	23.50
		MID	QPSK	22.29	22.24	22.21	23.50
		HIGH	QPSK	22.28	22.24	22.21	23.50
	15	LOW	QPSK	22.31	22.25	22.22	23.50
3	1	LOW	Q16	22.25	22.60	22.16	23.50
		MID	Q16	22.18	22.64	22.19	23.50
		HIGH	Q16	22.17	22.63	22.15	23.50
	8	LOW	Q16	21.42	21.38	21.27	22.50
		MID	Q16	21.40	21.34	21.25	22.50
		HIGH	Q16	21.43	21.35	21.30	22.50
	15	LOW	Q16	21.36	21.32	21.17	22.50
3	1	LOW	64QAM	21.84	21.52	21.73	22.50
		MID	64QAM	21.81	21.84	21.68	22.50
		HIGH	64QAM	21.75	21.77	21.59	22.50
	8	LOW	64QAM	20.28	20.41	20.31	21.50
		MID	64QAM	20.44	20.49	20.20	21.50
		HIGH	64QAM	20.31	20.36	20.15	21.50
	15	LOW	64QAM	20.52	20.42	20.41	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.44	23.26	23.25	24.50
		MID	QPSK	23.44	23.32	23.22	24.50
		HIGH	QPSK	23.38	23.28	23.29	24.50
	12	LOW	QPSK	22.32	22.33	22.30	23.50
		MID	QPSK	22.31	22.30	22.24	23.50
		HIGH	QPSK	22.30	22.30	22.24	23.50
	25	LOW	QPSK	22.31	22.33	22.27	23.50
5	1	LOW	Q16	22.65	22.85	22.31	23.50
		MID	Q16	22.59	22.88	22.28	23.50
		HIGH	Q16	22.60	22.88	22.32	23.50
	12	LOW	Q16	21.40	21.48	21.30	22.50
		MID	Q16	21.37	21.42	21.29	22.50
		HIGH	Q16	21.41	21.47	21.27	22.50
	25	LOW	Q16	21.37	21.42	21.23	22.50
5	1	LOW	64QAM	21.65	21.96	21.17	22.50
		MID	64QAM	21.56	21.85	21.16	22.50
		HIGH	64QAM	21.73	21.87	21.40	22.50
	12	LOW	64QAM	20.45	20.40	20.29	21.50
		MID	64QAM	20.27	20.53	20.29	21.50
		HIGH	64QAM	20.41	20.38	20.14	21.50
	25	LOW	64QAM	20.33	20.32	20.15	21.50

LTE B4-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.28	23.24	23.22	24.50
		MID	QPSK	23.28	23.25	23.20	24.50
		HIGH	QPSK	23.31	23.26	23.25	24.50
	25	LOW	QPSK	22.27	22.34	22.24	23.50
		MID	QPSK	22.31	22.35	22.24	23.50
		HIGH	QPSK	22.37	22.35	22.26	23.50
	50	LOW	QPSK	22.33	22.35	22.27	23.50
10	1	LOW	Q16	22.18	22.61	22.18	23.50
		MID	Q16	22.18	22.65	22.15	23.50
		HIGH	Q16	22.20	22.64	22.22	23.50
	25	LOW	Q16	21.29	21.37	21.37	22.50
		MID	Q16	21.34	21.41	21.36	22.50
		HIGH	Q16	21.44	21.37	21.38	22.50
	50	LOW	Q16	21.30	21.35	21.30	22.50
10	1	LOW	64QAM	21.31	21.66	21.04	22.50
		MID	64QAM	21.16	21.57	21.06	22.50
		HIGH	64QAM	21.13	21.62	21.28	22.50
	25	LOW	64QAM	20.21	20.25	20.51	21.50
		MID	64QAM	20.22	20.55	20.38	21.50
		HIGH	64QAM	20.40	20.47	20.49	21.50
	50	LOW	64QAM	20.18	20.26	20.24	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.24	23.19	23.15	24.50
		MID	QPSK	23.28	23.27	23.18	24.50
		HIGH	QPSK	23.25	23.19	23.18	24.50
	36	LOW	QPSK	22.18	22.29	22.25	23.50
		MID	QPSK	22.28	22.32	22.25	23.50
		HIGH	QPSK	22.33	22.32	22.27	23.50
	75	LOW	QPSK	22.29	22.29	22.25	23.50
15	1	LOW	Q16	22.16	22.59	22.55	23.50
		MID	Q16	22.20	22.65	22.56	23.50
		HIGH	Q16	22.14	22.61	22.55	23.50
	36	LOW	Q16	21.22	21.35	21.27	22.50
		MID	Q16	21.31	21.36	21.27	22.50
		HIGH	Q16	21.34	21.39	21.25	22.50
	75	LOW	Q16	21.28	21.33	21.28	22.50
15	1	LOW	64QAM	21.14	21.66	21.48	22.50
		MID	64QAM	21.15	21.69	21.53	22.50
		HIGH	64QAM	21.19	21.46	21.54	22.50
	36	LOW	64QAM	20.23	20.29	20.36	21.50
		MID	64QAM	20.26	20.29	20.32	21.50
		HIGH	64QAM	20.47	20.37	20.14	21.50
	75	LOW	64QAM	20.18	20.43	20.37	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.09	23.14	23.10	24.50
		MID	QPSK	23.26	23.21	23.25	24.50
		HIGH	QPSK	23.24	23.24	23.18	24.50
	50	LOW	QPSK	22.23	22.32	22.33	23.50
		MID	QPSK	22.36	22.36	22.35	23.50
		HIGH	QPSK	22.33	22.34	22.31	23.50
	100	LOW	QPSK	22.35	22.33	22.34	23.50
20	1	LOW	Q16	22.82	22.51	22.60	23.50
		MID	Q16	22.92	22.69	22.71	23.50
		HIGH	Q16	22.90	22.62	22.64	23.50
	50	LOW	Q16	21.23	21.35	21.30	22.50
		MID	Q16	21.39	21.38	21.34	22.50
		HIGH	Q16	21.43	21.35	21.28	22.50
	100	LOW	Q16	21.39	21.32	21.32	22.50
20	1	LOW	64QAM	21.70	21.49	21.75	22.50
		MID	64QAM	21.86	21.55	21.82	22.50
		HIGH	64QAM	21.94	21.56	21.65	22.50
	50	LOW	64QAM	20.10	20.24	20.31	21.50
		MID	64QAM	20.37	20.44	20.23	21.50
		HIGH	64QAM	20.50	20.43	20.16	21.50
	100	LOW	64QAM	20.53	20.24	20.35	21.50

LTE B4-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.14	23.10	24.50
		MID	QPSK	23.14	23.15	23.18	24.50
		HIGH	QPSK	23.14	23.15	23.19	24.50
	3	LOW	QPSK	23.28	23.24	23.21	24.50
		MID	QPSK	23.30	23.23	23.24	24.50
		HIGH	QPSK	23.27	23.12	23.22	24.50
	6	LOW	QPSK	22.33	22.21	22.21	23.50
1.4	1	LOW	Q16	22.32	22.53	22.18	23.50
		MID	Q16	22.37	22.52	22.17	23.50
		HIGH	Q16	22.37	22.56	22.21	23.50
	3	LOW	Q16	22.34	22.40	22.37	23.50
		MID	Q16	22.33	22.38	22.37	23.50
		HIGH	Q16	22.36	22.38	22.34	23.50
	6	LOW	Q16	21.47	21.17	21.39	22.50
1.4	1	LOW	64QAM	21.17	21.43	21.08	22.50
		MID	64QAM	21.26	21.55	21.30	22.50
		HIGH	64QAM	21.24	21.69	21.11	22.50
	3	LOW	64QAM	21.44	21.44	21.49	22.50
		MID	64QAM	21.43	21.29	21.46	22.50
		HIGH	64QAM	21.40	21.40	21.41	22.50
	6	LOW	64QAM	20.61	20.14	20.39	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.15	23.10	24.50
		MID	QPSK	23.25	23.16	23.18	24.50
		HIGH	QPSK	23.26	23.16	23.26	24.50
	8	LOW	QPSK	22.26	22.32	22.21	23.50
		MID	QPSK	22.29	22.24	22.21	23.50
		HIGH	QPSK	22.28	22.24	22.21	23.50
	15	LOW	QPSK	22.31	22.25	22.22	23.50
3	1	LOW	Q16	22.25	22.60	22.16	23.50
		MID	Q16	22.18	22.64	22.19	23.50
		HIGH	Q16	22.17	22.63	22.15	23.50
	8	LOW	Q16	21.42	21.38	21.27	22.50
		MID	Q16	21.40	21.34	21.25	22.50
		HIGH	Q16	21.43	21.35	21.30	22.50
	15	LOW	Q16	21.36	21.32	21.17	22.50
3	1	LOW	64QAM	21.84	21.52	21.73	22.50
		MID	64QAM	21.81	21.84	21.68	22.50
		HIGH	64QAM	21.75	21.77	21.59	22.50
	8	LOW	64QAM	20.28	20.41	20.31	21.50
		MID	64QAM	20.44	20.49	20.20	21.50
		HIGH	64QAM	20.31	20.36	20.15	21.50
	15	LOW	64QAM	20.52	20.42	20.41	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.44	23.26	23.25	24.50
		MID	QPSK	23.44	23.32	23.22	24.50
		HIGH	QPSK	23.38	23.28	23.29	24.50
	12	LOW	QPSK	22.32	22.33	22.30	23.50
		MID	QPSK	22.31	22.30	22.24	23.50
		HIGH	QPSK	22.30	22.30	22.24	23.50
	25	LOW	QPSK	22.31	22.33	22.27	23.50
5	1	LOW	Q16	22.65	22.85	22.31	23.50
		MID	Q16	22.59	22.88	22.28	23.50
		HIGH	Q16	22.60	22.88	22.32	23.50
	12	LOW	Q16	21.40	21.48	21.30	22.50
		MID	Q16	21.37	21.42	21.29	22.50
		HIGH	Q16	21.41	21.47	21.27	22.50
	25	LOW	Q16	21.37	21.42	21.23	22.50
5	1	LOW	64QAM	21.65	21.96	21.17	22.50
		MID	64QAM	21.56	21.85	21.16	22.50
		HIGH	64QAM	21.73	21.87	21.40	22.50
	12	LOW	64QAM	20.45	20.40	20.29	21.50
		MID	64QAM	20.27	20.53	20.29	21.50
		HIGH	64QAM	20.41	20.38	20.14	21.50
	25	LOW	64QAM	20.33	20.32	20.15	21.50

LTE B4-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.28	23.24	23.22	24.50
		MID	QPSK	23.28	23.25	23.20	24.50
		HIGH	QPSK	23.31	23.26	23.25	24.50
	25	LOW	QPSK	22.27	22.34	22.24	23.50
		MID	QPSK	22.31	22.35	22.24	23.50
		HIGH	QPSK	22.37	22.35	22.26	23.50
	50	LOW	QPSK	22.33	22.35	22.27	23.50
10	1	LOW	Q16	22.18	22.61	22.18	23.50
		MID	Q16	22.18	22.65	22.15	23.50
		HIGH	Q16	22.20	22.64	22.22	23.50
	25	LOW	Q16	21.29	21.37	21.37	22.50
		MID	Q16	21.34	21.41	21.36	22.50
		HIGH	Q16	21.44	21.37	21.38	22.50
	50	LOW	Q16	21.30	21.35	21.30	22.50
10	1	LOW	64QAM	21.31	21.66	21.04	22.50
		MID	64QAM	21.16	21.57	21.06	22.50
		HIGH	64QAM	21.13	21.62	21.28	22.50
	25	LOW	64QAM	20.21	20.25	20.51	21.50
		MID	64QAM	20.22	20.55	20.38	21.50
		HIGH	64QAM	20.40	20.47	20.49	21.50
	50	LOW	64QAM	20.18	20.26	20.24	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.24	23.19	23.15	24.50
		MID	QPSK	23.28	23.27	23.18	24.50
		HIGH	QPSK	23.25	23.19	23.18	24.50
	36	LOW	QPSK	22.18	22.29	22.25	23.50
		MID	QPSK	22.28	22.32	22.25	23.50
		HIGH	QPSK	22.33	22.32	22.27	23.50
	75	LOW	QPSK	22.29	22.29	22.25	23.50
15	1	LOW	Q16	22.16	22.59	22.55	23.50
		MID	Q16	22.20	22.65	22.56	23.50
		HIGH	Q16	22.14	22.61	22.55	23.50
	36	LOW	Q16	21.22	21.35	21.27	22.50
		MID	Q16	21.31	21.36	21.27	22.50
		HIGH	Q16	21.34	21.39	21.25	22.50
	75	LOW	Q16	21.28	21.33	21.28	22.50
15	1	LOW	64QAM	21.14	21.66	21.48	22.50
		MID	64QAM	21.15	21.69	21.53	22.50
		HIGH	64QAM	21.19	21.46	21.54	22.50
	36	LOW	64QAM	20.23	20.29	20.36	21.50
		MID	64QAM	20.26	20.29	20.32	21.50
		HIGH	64QAM	20.47	20.37	20.14	21.50
	75	LOW	64QAM	20.18	20.43	20.37	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.09	23.14	23.10	24.50
		MID	QPSK	23.26	23.21	23.25	24.50
		HIGH	QPSK	23.24	23.24	23.18	24.50
	50	LOW	QPSK	22.23	22.32	22.33	23.50
		MID	QPSK	22.36	22.36	22.35	23.50
		HIGH	QPSK	22.33	22.34	22.31	23.50
	100	LOW	QPSK	22.35	22.33	22.34	23.50
20	1	LOW	Q16	22.82	22.51	22.60	23.50
		MID	Q16	22.92	22.69	22.71	23.50
		HIGH	Q16	22.90	22.62	22.64	23.50
	50	LOW	Q16	21.23	21.35	21.30	22.50
		MID	Q16	21.39	21.38	21.34	22.50
		HIGH	Q16	21.43	21.35	21.28	22.50
	100	LOW	Q16	21.39	21.32	21.32	22.50
20	1	LOW	64QAM	21.70	21.49	21.75	22.50
		MID	64QAM	21.86	21.55	21.82	22.50
		HIGH	64QAM	21.94	21.56	21.65	22.50
	50	LOW	64QAM	20.10	20.24	20.31	21.50
		MID	64QAM	20.37	20.44	20.23	21.50
		HIGH	64QAM	20.50	20.43	20.16	21.50
	100	LOW	64QAM	20.53	20.24	20.35	21.50

LTE B4-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power (dBm)
1.4	1	LOW	QPSK	21.07	21.28	21.29	22.00
		MID	QPSK	21.32	21.24	21.26	22.00
		HIGH	QPSK	21.20	21.30	21.32	22.00
	3	LOW	QPSK	21.30	21.37	21.46	22.00
		MID	QPSK	21.46	21.55	21.33	22.00
		HIGH	QPSK	21.50	21.61	21.55	22.00
	6	LOW	QPSK	21.34	21.30	21.49	22.00
1.4	1	LOW	Q16	21.54	21.46	21.67	22.00
		MID	Q16	21.66	21.61	21.63	22.00
		HIGH	Q16	21.56	21.77	21.53	22.00
	3	LOW	Q16	21.33	21.51	21.34	22.00
		MID	Q16	21.37	21.49	21.32	22.00
		HIGH	Q16	21.53	21.37	21.52	22.00
	6	LOW	Q16	21.47	21.60	21.24	22.00
1.4	1	LOW	64QAM	20.59	20.96	20.66	21.00
		MID	64QAM	20.64	20.92	20.74	21.00
		HIGH	64QAM	20.95	20.95	20.60	21.00
	3	LOW	64QAM	20.17	20.54	20.43	21.00
		MID	64QAM	20.25	20.47	20.47	21.00
		HIGH	64QAM	20.44	20.59	20.37	21.00
	6	LOW	64QAM	20.25	20.50	20.53	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power (dBm)
3	1	LOW	QPSK	21.06	21.34	21.25	22.00
		MID	QPSK	21.33	21.32	21.39	22.00
		HIGH	QPSK	21.35	21.27	21.24	22.00
	8	LOW	QPSK	21.23	21.53	21.55	22.00
		MID	QPSK	21.45	21.38	21.34	22.00
		HIGH	QPSK	21.32	21.60	21.54	22.00
	15	LOW	QPSK	21.39	21.37	21.44	22.00
3	1	LOW	Q16	21.43	21.84	21.61	22.00
		MID	Q16	21.76	21.82	21.89	22.00
		HIGH	Q16	21.78	21.61	21.55	22.00
	8	LOW	Q16	21.37	21.53	21.38	22.00
		MID	Q16	21.41	21.36	21.32	22.00
		HIGH	Q16	21.35	21.48	21.41	22.00
	15	LOW	Q16	21.34	21.45	21.24	22.00
3	1	LOW	64QAM	20.77	20.83	20.78	21.00
		MID	64QAM	20.72	20.96	20.68	21.00
		HIGH	64QAM	20.82	20.89	20.60	21.00
	8	LOW	64QAM	20.22	20.40	20.25	21.00
		MID	64QAM	20.43	20.47	20.47	21.00
		HIGH	64QAM	20.52	20.52	20.36	21.00
	15	LOW	64QAM	20.30	20.33	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power (dBm)
5	1	LOW	QPSK	21.20	21.35	21.31	22.00
		MID	QPSK	21.35	21.34	21.32	22.00
		HIGH	QPSK	21.34	21.43	21.39	22.00
	12	LOW	QPSK	21.42	21.60	21.40	22.00
		MID	QPSK	21.59	21.55	21.31	22.00
		HIGH	QPSK	21.32	21.58	21.43	22.00
	25	LOW	QPSK	21.48	21.35	21.29	22.00
5	1	LOW	Q16	21.51	21.73	21.62	22.00
		MID	Q16	21.79	21.68	21.60	22.00
		HIGH	Q16	21.69	21.67	21.54	22.00
	12	LOW	Q16	21.35	21.43	21.52	22.00
		MID	Q16	21.50	21.60	21.36	22.00
		HIGH	Q16	21.33	21.59	21.41	22.00
	25	LOW	Q16	21.32	21.42	21.31	22.00
5	1	LOW	64QAM	20.51	21.00	20.71	21.00
		MID	64QAM	20.77	20.97	20.61	21.00
		HIGH	64QAM	20.89	20.87	20.52	21.00
	12	LOW	64QAM	20.32	20.40	20.33	21.00
		MID	64QAM	20.35	20.55	20.38	21.00
		HIGH	64QAM	20.49	20.46	20.29	21.00
	25	LOW	64QAM	20.33	20.49	20.43	21.00

LTE B4-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power (dBm)
10	1	LOW	QPSK	21.03	21.27	21.14	22.00
		MID	QPSK	21.31	21.38	21.55	22.00
		HIGH	QPSK	21.21	21.40	21.24	22.00
	25	LOW	QPSK	21.34	21.31	21.48	22.00
		MID	QPSK	21.40	21.34	21.44	22.00
		HIGH	QPSK	21.41	21.49	21.39	22.00
	50	LOW	QPSK	21.29	21.35	21.47	22.00
10	1	LOW	Q16	21.38	21.57	21.62	22.00
		MID	Q16	21.62	21.58	21.78	22.00
		HIGH	Q16	21.38	21.57	21.56	22.00
	25	LOW	Q16	21.19	21.60	21.33	22.00
		MID	Q16	21.44	21.55	21.39	22.00
		HIGH	Q16	21.32	21.55	21.31	22.00
	50	LOW	Q16	21.29	21.47	21.33	22.00
10	1	LOW	64QAM	20.76	20.91	20.65	21.00
		MID	64QAM	20.66	20.88	20.84	21.00
		HIGH	64QAM	20.94	20.78	20.59	21.00
	25	LOW	64QAM	20.15	20.35	20.42	21.00
		MID	64QAM	20.34	20.36	20.34	21.00
		HIGH	64QAM	20.43	20.50	20.56	21.00
	50	LOW	64QAM	20.26	20.59	20.24	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power (dBm)
15	1	LOW	QPSK	21.30	21.36	21.22	22.00
		MID	QPSK	21.29	21.32	21.46	22.00
		HIGH	QPSK	21.43	21.46	21.39	22.00
	36	LOW	QPSK	21.23	21.45	21.33	22.00
		MID	QPSK	21.31	21.35	21.32	22.00
		HIGH	QPSK	21.31	21.40	21.35	22.00
	75	LOW	QPSK	21.28	21.27	21.35	22.00
15	1	LOW	Q16	21.55	21.85	21.61	22.00
		MID	Q16	21.75	21.80	21.87	22.00
		HIGH	Q16	21.80	21.93	21.53	22.00
	36	LOW	Q16	21.34	21.54	21.33	22.00
		MID	Q16	21.46	21.60	21.35	22.00
		HIGH	Q16	21.52	21.63	21.33	22.00
	75	LOW	Q16	21.37	21.40	21.41	22.00
15	1	LOW	64QAM	20.71	20.84	20.53	21.00
		MID	64QAM	20.82	20.83	20.86	21.00
		HIGH	64QAM	20.89	20.91	20.82	21.00
	36	LOW	64QAM	20.31	20.43	20.27	21.00
		MID	64QAM	20.46	20.43	20.42	21.00
		HIGH	64QAM	20.27	20.58	20.45	21.00
	75	LOW	64QAM	20.37	20.54	20.49	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power (dBm)
20	1	LOW	QPSK	21.15	21.27	21.26	22.00
		MID	QPSK	21.42	21.39	21.40	22.00
		HIGH	QPSK	21.34	21.36	21.30	22.00
	50	LOW	QPSK	21.27	21.45	21.40	22.00
		MID	QPSK	21.48	21.43	21.44	22.00
		HIGH	QPSK	21.44	21.47	21.40	22.00
	100	LOW	QPSK	21.38	21.40	21.41	22.00
20	1	LOW	Q16	21.65	21.54	21.68	22.00
		MID	Q16	21.74	21.70	21.75	22.00
		HIGH	Q16	21.81	21.57	21.67	22.00
	50	LOW	Q16	21.23	21.46	21.37	22.00
		MID	Q16	21.40	21.47	21.43	22.00
		HIGH	Q16	21.38	21.50	21.42	22.00
	100	LOW	Q16	21.36	21.46	21.39	22.00
20	1	LOW	64QAM	20.53	20.81	20.68	21.00
		MID	64QAM	20.64	20.91	20.66	21.00
		HIGH	64QAM	20.73	20.95	20.65	21.00
	50	LOW	64QAM	20.17	20.61	20.45	21.00
		MID	64QAM	20.44	20.57	20.44	21.00
		HIGH	64QAM	20.41	20.46	20.35	21.00
	100	LOW	64QAM	20.27	20.48	20.24	21.00

LTE B4-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.14	23.10	24.50
		MID	QPSK	23.14	23.15	23.18	24.50
		HIGH	QPSK	23.14	23.15	23.19	24.50
	3	LOW	QPSK	23.28	23.24	23.21	24.50
		MID	QPSK	23.30	23.23	23.24	24.50
		HIGH	QPSK	23.27	23.12	23.22	24.50
	6	LOW	QPSK	22.33	22.21	22.21	23.50
1.4	1	LOW	Q16	22.32	22.53	22.18	23.50
		MID	Q16	22.37	22.52	22.17	23.50
		HIGH	Q16	22.37	22.56	22.21	23.50
	3	LOW	Q16	22.34	22.40	22.37	23.50
		MID	Q16	22.33	22.38	22.37	23.50
		HIGH	Q16	22.36	22.38	22.34	23.50
	6	LOW	Q16	21.47	21.17	21.39	22.50
1.4	1	LOW	64QAM	21.17	21.43	21.08	22.50
		MID	64QAM	21.26	21.55	21.30	22.50
		HIGH	64QAM	21.24	21.69	21.11	22.50
	3	LOW	64QAM	21.44	21.44	21.49	22.50
		MID	64QAM	21.43	21.29	21.46	22.50
		HIGH	64QAM	21.40	21.40	21.41	22.50
	6	LOW	64QAM	20.61	20.14	20.39	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.15	23.10	24.50
		MID	QPSK	23.25	23.16	23.18	24.50
		HIGH	QPSK	23.26	23.16	23.26	24.50
	8	LOW	QPSK	22.26	22.32	22.21	23.50
		MID	QPSK	22.29	22.24	22.21	23.50
		HIGH	QPSK	22.28	22.24	22.21	23.50
	15	LOW	QPSK	22.31	22.25	22.22	23.50
3	1	LOW	Q16	22.25	22.60	22.16	23.50
		MID	Q16	22.18	22.64	22.19	23.50
		HIGH	Q16	22.17	22.63	22.15	23.50
	8	LOW	Q16	21.42	21.38	21.27	22.50
		MID	Q16	21.40	21.34	21.25	22.50
		HIGH	Q16	21.43	21.35	21.30	22.50
	15	LOW	Q16	21.36	21.32	21.17	22.50
3	1	LOW	64QAM	21.84	21.52	21.73	22.50
		MID	64QAM	21.81	21.84	21.68	22.50
		HIGH	64QAM	21.75	21.77	21.59	22.50
	8	LOW	64QAM	20.28	20.41	20.31	21.50
		MID	64QAM	20.44	20.49	20.20	21.50
		HIGH	64QAM	20.31	20.36	20.15	21.50
	15	LOW	64QAM	20.52	20.42	20.41	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.44	23.26	23.25	24.50
		MID	QPSK	23.44	23.32	23.22	24.50
		HIGH	QPSK	23.38	23.28	23.29	24.50
	12	LOW	QPSK	22.32	22.33	22.30	23.50
		MID	QPSK	22.31	22.30	22.24	23.50
		HIGH	QPSK	22.30	22.30	22.24	23.50
	25	LOW	QPSK	22.31	22.33	22.27	23.50
5	1	LOW	Q16	22.65	22.85	22.31	23.50
		MID	Q16	22.59	22.88	22.28	23.50
		HIGH	Q16	22.60	22.88	22.32	23.50
	12	LOW	Q16	21.40	21.48	21.30	22.50
		MID	Q16	21.37	21.42	21.29	22.50
		HIGH	Q16	21.41	21.47	21.27	22.50
	25	LOW	Q16	21.37	21.42	21.23	22.50
5	1	LOW	64QAM	21.65	21.96	21.17	22.50
		MID	64QAM	21.56	21.85	21.16	22.50
		HIGH	64QAM	21.73	21.87	21.40	22.50
	12	LOW	64QAM	20.45	20.40	20.29	21.50
		MID	64QAM	20.27	20.53	20.29	21.50
		HIGH	64QAM	20.41	20.38	20.14	21.50
	25	LOW	64QAM	20.33	20.32	20.15	21.50

LTE B4-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.28	23.24	23.22	24.50
		MID	QPSK	23.28	23.25	23.20	24.50
		HIGH	QPSK	23.31	23.26	23.25	24.50
	25	LOW	QPSK	22.27	22.34	22.24	23.50
		MID	QPSK	22.31	22.35	22.24	23.50
		HIGH	QPSK	22.37	22.35	22.26	23.50
	50	LOW	QPSK	22.33	22.35	22.27	23.50
10	1	LOW	Q16	22.18	22.61	22.18	23.50
		MID	Q16	22.18	22.65	22.15	23.50
		HIGH	Q16	22.20	22.64	22.22	23.50
	25	LOW	Q16	21.29	21.37	21.37	22.50
		MID	Q16	21.34	21.41	21.36	22.50
		HIGH	Q16	21.44	21.37	21.38	22.50
	50	LOW	Q16	21.30	21.35	21.30	22.50
10	1	LOW	64QAM	21.31	21.66	21.04	22.50
		MID	64QAM	21.16	21.57	21.06	22.50
		HIGH	64QAM	21.13	21.62	21.28	22.50
	25	LOW	64QAM	20.21	20.25	20.51	21.50
		MID	64QAM	20.22	20.55	20.38	21.50
		HIGH	64QAM	20.40	20.47	20.49	21.50
	50	LOW	64QAM	20.18	20.26	20.24	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.24	23.19	23.15	24.50
		MID	QPSK	23.28	23.27	23.18	24.50
		HIGH	QPSK	23.25	23.19	23.18	24.50
	36	LOW	QPSK	22.18	22.29	22.25	23.50
		MID	QPSK	22.28	22.32	22.25	23.50
		HIGH	QPSK	22.33	22.32	22.27	23.50
	75	LOW	QPSK	22.29	22.29	22.25	23.50
15	1	LOW	Q16	22.16	22.59	22.55	23.50
		MID	Q16	22.20	22.65	22.56	23.50
		HIGH	Q16	22.14	22.61	22.55	23.50
	36	LOW	Q16	21.22	21.35	21.27	22.50
		MID	Q16	21.31	21.36	21.27	22.50
		HIGH	Q16	21.34	21.39	21.25	22.50
	75	LOW	Q16	21.28	21.33	21.28	22.50
15	1	LOW	64QAM	21.14	21.66	21.48	22.50
		MID	64QAM	21.15	21.69	21.53	22.50
		HIGH	64QAM	21.19	21.46	21.54	22.50
	36	LOW	64QAM	20.23	20.29	20.36	21.50
		MID	64QAM	20.26	20.29	20.32	21.50
		HIGH	64QAM	20.47	20.37	20.14	21.50
	75	LOW	64QAM	20.18	20.43	20.37	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.09	23.14	23.10	24.50
		MID	QPSK	23.26	23.21	23.25	24.50
		HIGH	QPSK	23.24	23.24	23.18	24.50
	50	LOW	QPSK	22.23	22.32	22.33	23.50
		MID	QPSK	22.36	22.36	22.35	23.50
		HIGH	QPSK	22.33	22.34	22.31	23.50
	100	LOW	QPSK	22.35	22.33	22.34	23.50
20	1	LOW	Q16	22.82	22.51	22.60	23.50
		MID	Q16	22.92	22.69	22.71	23.50
		HIGH	Q16	22.90	22.62	22.64	23.50
	50	LOW	Q16	21.23	21.35	21.30	22.50
		MID	Q16	21.39	21.38	21.34	22.50
		HIGH	Q16	21.43	21.35	21.28	22.50
	100	LOW	Q16	21.39	21.32	21.32	22.50
20	1	LOW	64QAM	21.70	21.49	21.75	22.50
		MID	64QAM	21.86	21.55	21.82	22.50
		HIGH	64QAM	21.94	21.56	21.65	22.50
	50	LOW	64QAM	20.10	20.24	20.31	21.50
		MID	64QAM	20.37	20.44	20.23	21.50
		HIGH	64QAM	20.50	20.43	20.16	21.50
	100	LOW	64QAM	20.53	20.24	20.35	21.50

LTE B4-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power (dBm)
1.4	1	LOW	QPSK	20.57	20.69	20.79	21.50
		MID	QPSK	20.71	20.64	20.91	21.50
		HIGH	QPSK	20.61	20.65	20.65	21.50
	3	LOW	QPSK	20.72	20.94	20.91	21.50
		MID	QPSK	20.87	21.00	20.94	21.50
		HIGH	QPSK	20.86	20.82	20.82	21.50
	6	LOW	QPSK	20.71	20.71	20.75	21.50
1.4	1	LOW	Q16	20.78	21.00	21.07	21.50
		MID	Q16	21.21	20.78	21.14	21.50
		HIGH	Q16	20.81	21.08	20.86	21.50
	3	LOW	Q16	20.64	20.85	20.80	21.50
		MID	Q16	20.91	21.01	20.87	21.50
		HIGH	Q16	20.81	20.88	20.75	21.50
	6	LOW	Q16	20.94	20.74	20.83	21.50
1.4	1	LOW	64QAM	20.63	21.15	21.21	21.50
		MID	64QAM	21.09	20.89	21.32	21.50
		HIGH	64QAM	20.69	20.94	20.79	21.50
	3	LOW	64QAM	20.77	20.95	20.77	21.50
		MID	64QAM	20.92	20.95	21.02	21.50
		HIGH	64QAM	20.93	20.83	20.93	21.50
	6	LOW	64QAM	20.97	20.99	20.85	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power (dBm)
3	1	LOW	QPSK	20.74	20.77	20.67	21.50
		MID	QPSK	20.72	20.81	20.92	21.50
		HIGH	QPSK	20.64	20.85	20.87	21.50
	8	LOW	QPSK	20.58	20.95	20.73	21.50
		MID	QPSK	20.97	20.96	20.79	21.50
		HIGH	QPSK	20.92	21.00	20.85	21.50
	15	LOW	QPSK	20.68	20.97	20.87	21.50
3	1	LOW	Q16	21.00	21.25	21.17	21.50
		MID	Q16	21.17	21.12	21.29	21.50
		HIGH	Q16	20.89	21.27	21.33	21.50
	8	LOW	Q16	20.64	20.93	20.84	21.50
		MID	Q16	20.69	21.00	20.94	21.50
		HIGH	Q16	20.78	21.03	20.96	21.50
	15	LOW	Q16	20.97	20.98	21.00	21.50
3	1	LOW	64QAM	21.13	21.27	20.99	21.50
		MID	64QAM	21.17	21.17	21.28	21.50
		HIGH	64QAM	20.97	21.32	21.27	21.50
	8	LOW	64QAM	20.72	20.81	20.95	21.50
		MID	64QAM	20.83	20.98	21.03	21.50
		HIGH	64QAM	20.85	20.83	20.73	21.50
	15	LOW	64QAM	20.73	20.96	20.95	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power (dBm)
5	1	LOW	QPSK	20.65	20.56	20.83	21.50
		MID	QPSK	20.61	20.77	20.79	21.50
		HIGH	QPSK	20.84	20.71	20.74	21.50
	12	LOW	QPSK	20.77	21.00	20.81	21.50
		MID	QPSK	20.79	20.99	20.90	21.50
		HIGH	QPSK	21.01	21.08	20.91	21.50
5	25	LOW	QPSK	20.84	20.86	20.76	21.50
	1	LOW	Q16	20.95	20.97	21.22	21.50
		MID	Q16	20.71	21.10	21.16	21.50
		HIGH	Q16	21.10	21.09	21.19	21.50
	12	LOW	Q16	20.53	20.97	20.91	21.50
		MID	Q16	20.92	20.85	20.92	21.50
		HIGH	Q16	20.95	21.09	20.90	21.50
5	25	LOW	Q16	20.83	20.75	20.91	21.50
	1	LOW	64QAM	21.01	20.96	21.04	21.50
		MID	64QAM	21.08	21.08	21.21	21.50
		HIGH	64QAM	20.96	20.96	21.04	21.50
	12	LOW	64QAM	20.80	20.80	20.75	21.50
		MID	64QAM	20.94	21.03	20.75	21.50
		HIGH	64QAM	20.80	20.87	21.01	21.50
	25	LOW	64QAM	20.95	20.75	20.92	21.50

LTE B4-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power (dBm)
10	1	LOW	QPSK	20.48	20.70	20.67	21.50
		MID	QPSK	20.82	20.82	20.78	21.50
		HIGH	QPSK	20.72	20.77	20.64	21.50
	25	LOW	QPSK	20.86	20.73	20.89	21.50
		MID	QPSK	20.76	20.89	20.90	21.50
		HIGH	QPSK	20.81	20.99	20.73	21.50
	50	LOW	QPSK	20.77	20.79	20.69	21.50
10	1	LOW	Q16	20.91	21.20	21.05	21.50
		MID	Q16	21.32	21.19	21.21	21.50
		HIGH	Q16	20.94	21.10	21.05	21.50
	25	LOW	Q16	20.74	20.97	21.01	21.50
		MID	Q16	20.77	21.03	20.92	21.50
		HIGH	Q16	20.85	20.88	20.84	21.50
	50	LOW	Q16	20.83	20.83	20.76	21.50
10	1	LOW	64QAM	20.97	21.06	21.16	21.50
		MID	64QAM	21.05	21.16	21.07	21.50
		HIGH	64QAM	20.99	21.17	21.12	21.50
	25	LOW	64QAM	20.69	20.81	20.92	21.50
		MID	64QAM	20.74	20.89	20.84	21.50
		HIGH	64QAM	20.70	20.90	20.81	21.50
	50	LOW	64QAM	20.79	20.94	20.70	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power (dBm)
15	1	LOW	QPSK	20.65	20.76	20.66	21.50
		MID	QPSK	20.84	20.77	20.91	21.50
		HIGH	QPSK	20.65	20.84	20.86	21.50
	36	LOW	QPSK	20.67	20.81	20.72	21.50
		MID	QPSK	20.76	20.96	21.02	21.50
		HIGH	QPSK	20.85	20.97	20.71	21.50
	75	LOW	QPSK	20.90	20.75	20.94	21.50
15	1	LOW	Q16	21.03	21.17	21.14	21.50
		MID	Q16	21.26	20.97	21.31	21.50
		HIGH	Q16	20.88	21.26	21.29	21.50
	36	LOW	Q16	20.68	20.75	20.94	21.50
		MID	Q16	20.98	20.99	21.03	21.50
		HIGH	Q16	20.93	21.02	21.00	21.50
	75	LOW	Q16	20.78	21.03	20.98	21.50
15	1	LOW	64QAM	21.04	21.19	21.06	21.50
		MID	64QAM	21.31	20.88	21.34	21.50
		HIGH	64QAM	21.09	21.26	21.18	21.50
	36	LOW	64QAM	20.67	21.04	20.87	21.50
		MID	64QAM	20.82	20.87	20.94	21.50
		HIGH	64QAM	20.70	20.81	20.81	21.50
	75	LOW	64QAM	20.85	20.98	20.97	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power (dBm)
20	1	LOW	QPSK	20.59	20.64	20.74	21.50
		MID	QPSK	20.76	20.77	20.76	21.50
		HIGH	QPSK	20.72	20.78	20.78	21.50
	50	LOW	QPSK	20.72	20.88	20.81	21.50
		MID	QPSK	20.87	20.88	20.88	21.50
		HIGH	QPSK	20.87	20.93	20.86	21.50
	100	LOW	QPSK	20.81	20.86	20.82	21.50
20	1	LOW	Q16	21.04	20.99	21.13	21.50
		MID	Q16	21.18	21.04	21.22	21.50
		HIGH	Q16	21.21	20.98	21.18	21.50
	50	LOW	Q16	20.68	20.90	20.86	21.50
		MID	Q16	20.83	20.92	20.89	21.50
		HIGH	Q16	20.83	20.94	20.86	21.50
	100	LOW	Q16	20.83	20.89	20.85	21.50
20	1	LOW	64QAM	20.94	20.92	20.99	21.50
		MID	64QAM	21.16	21.17	21.12	21.50
		HIGH	64QAM	21.16	21.28	21.16	21.50
	50	LOW	64QAM	20.80	20.75	21.01	21.50
		MID	64QAM	20.80	21.05	20.74	21.50
		HIGH	64QAM	20.81	20.99	20.75	21.50
	100	LOW	64QAM	20.82	21.00	20.78	21.50

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.50
		MID	QPSK	23.55	23.56	23.61	24.50
		HIGH	QPSK	23.57	23.58	23.64	24.50
	3	LOW	QPSK	23.68	23.64	23.68	24.50
		MID	QPSK	23.67	23.62	23.70	24.50
		HIGH	QPSK	23.65	23.62	23.70	24.50
	6	LOW	QPSK	22.65	22.70	22.69	23.50
1.4	1	LOW	Q16	22.75	23.05	22.75	23.50
		MID	Q16	22.78	23.00	22.73	23.50
		HIGH	Q16	22.78	23.03	22.74	23.50
	3	LOW	Q16	22.70	22.84	22.82	23.50
		MID	Q16	22.70	22.80	22.84	23.50
		HIGH	Q16	22.71	22.82	22.81	23.50
	6	LOW	Q16	21.77	21.56	21.84	22.50
1.4	1	LOW	64QAM	21.75	21.97	21.61	22.50
		MID	64QAM	21.77	21.97	21.59	22.50
		HIGH	64QAM	21.72	21.93	21.74	22.50
	3	LOW	64QAM	21.55	21.89	21.87	22.50
		MID	64QAM	21.79	21.94	21.79	22.50
		HIGH	64QAM	21.63	21.84	21.67	22.50
	6	LOW	64QAM	20.89	20.69	20.87	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.50
		MID	QPSK	23.66	23.58	23.63	24.50
		HIGH	QPSK	23.73	23.59	23.66	24.50
	8	LOW	QPSK	22.60	22.63	22.68	23.50
		MID	QPSK	22.70	22.64	22.70	23.50
		HIGH	QPSK	22.67	22.67	22.68	23.50
	15	LOW	QPSK	22.67	22.66	22.69	23.50
3	1	LOW	Q16	22.59	23.02	22.74	23.50
		MID	Q16	22.60	23.05	22.69	23.50
		HIGH	Q16	22.62	23.06	22.72	23.50
	8	LOW	Q16	21.77	21.72	21.73	22.50
		MID	Q16	21.78	21.76	21.74	22.50
		HIGH	Q16	21.76	21.75	21.73	22.50
	15	LOW	Q16	21.71	21.71	21.68	22.50
3	1	LOW	64QAM	21.73	22.17	21.85	22.50
		MID	64QAM	21.71	22.20	21.60	22.50
		HIGH	64QAM	21.77	22.14	21.85	22.50
	8	LOW	64QAM	20.83	20.84	20.58	22.50
		MID	64QAM	20.85	20.88	20.80	22.50
		HIGH	64QAM	20.61	20.88	20.73	22.50
	15	LOW	64QAM	20.65	20.69	20.70	21.50

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.86	23.62	23.71	24.50
		MID	QPSK	23.86	23.65	23.72	24.50
		HIGH	QPSK	23.91	23.71	23.70	24.50
	12	LOW	QPSK	22.72	22.68	22.77	23.50
		MID	QPSK	22.72	22.66	22.71	23.50
		HIGH	QPSK	22.64	22.63	22.73	23.50
	25	LOW	QPSK	22.68	22.63	22.72	23.50
5	1	LOW	Q16	22.95	23.24	22.72	23.50
		MID	Q16	22.99	23.24	22.73	23.50
		HIGH	Q16	23.06	23.22	22.74	23.50
	12	LOW	Q16	21.75	21.81	21.84	22.50
		MID	Q16	21.75	21.80	21.75	22.50
		HIGH	Q16	21.69	21.76	21.76	22.50
	25	LOW	Q16	21.76	21.72	21.67	22.50
5	1	LOW	64QAM	22.03	22.16	21.74	22.50
		MID	64QAM	21.92	22.19	21.78	22.50
		HIGH	64QAM	22.01	22.31	21.86	22.50
	12	LOW	64QAM	20.74	20.82	20.86	21.50
		MID	64QAM	20.62	20.95	20.89	21.50
		HIGH	64QAM	20.71	20.87	20.64	21.50
	25	LOW	64QAM	20.87	20.66	20.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.50
		MID	QPSK	23.66	23.65	23.54	24.50
		HIGH	QPSK	23.68	23.69	23.59	24.50
	25	LOW	QPSK	22.72	22.68	22.51	23.50
		MID	QPSK	22.68	22.65	22.57	23.50
		HIGH	QPSK	22.71	22.73	22.57	23.50
	50	LOW	QPSK	22.70	22.70	22.59	23.50
10	1	LOW	Q16	22.55	23.01	22.50	23.50
		MID	Q16	22.61	23.04	22.56	23.50
		HIGH	Q16	22.56	23.03	22.60	23.50
	25	LOW	Q16	21.74	21.73	21.63	22.50
		MID	Q16	21.67	21.70	21.65	22.50
		HIGH	Q16	21.73	21.76	21.66	22.50
	50	LOW	Q16	21.68	21.70	21.60	22.50
10	1	LOW	64QAM	21.70	21.86	21.63	22.50
		MID	64QAM	21.58	22.06	21.70	22.50
		HIGH	64QAM	21.71	22.04	21.46	22.50
	25	LOW	64QAM	20.77	20.80	20.57	21.50
		MID	64QAM	20.81	20.72	20.76	21.50
		HIGH	64QAM	20.88	20.75	20.80	21.50
	50	LOW	64QAM	20.82	20.80	20.56	21.50

LTE B5-Level1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.46	22.40	22.46	23.50
		MID	QPSK	22.34	22.56	22.66	23.50
		HIGH	QPSK	22.65	22.52	22.50	23.50
	3	LOW	QPSK	22.38	22.37	22.50	23.50
		MID	QPSK	22.55	22.39	22.65	23.50
		HIGH	QPSK	22.59	22.62	22.49	23.50
	6	LOW	QPSK	22.57	22.50	22.64	23.50
1.4	1	LOW	Q16	22.77	22.82	22.40	23.50
		MID	Q16	22.74	22.95	22.48	23.50
		HIGH	Q16	22.80	22.88	22.48	23.50
	3	LOW	Q16	22.25	22.45	22.45	22.50
		MID	Q16	22.38	22.50	22.30	22.50
		HIGH	Q16	22.34	22.48	22.24	22.50
	6	LOW	Q16	21.64	21.29	21.70	22.50
1.4	1	LOW	64QAM	21.55	21.84	21.61	22.50
		MID	64QAM	21.65	21.89	21.54	22.50
		HIGH	64QAM	21.55	21.99	21.69	22.50
	3	LOW	64QAM	21.39	21.37	21.33	21.50
		MID	64QAM	21.27	21.44	21.33	21.50
		HIGH	64QAM	21.35	21.23	21.31	21.50
	6	LOW	64QAM	20.54	20.39	20.80	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.33	22.46	22.37	23.50
		MID	QPSK	22.53	22.45	22.62	23.50
		HIGH	QPSK	22.42	22.57	22.60	23.50
	8	LOW	QPSK	22.62	22.38	22.46	23.50
		MID	QPSK	22.59	22.59	22.52	23.50
		HIGH	QPSK	22.54	22.47	22.37	23.50
	15	LOW	QPSK	22.47	22.53	22.44	23.50
3	1	LOW	Q16	22.81	22.60	22.63	23.50
		MID	Q16	22.70	22.80	22.59	23.50
		HIGH	Q16	22.59	22.80	22.51	23.50
	8	LOW	Q16	22.27	22.26	22.24	22.50
		MID	Q16	22.44	22.37	22.45	22.50
		HIGH	Q16	22.22	22.24	22.21	22.50
	15	LOW	Q16	21.50	21.45	21.63	22.50
3	1	LOW	64QAM	21.58	22.02	21.40	22.50
		MID	64QAM	21.56	21.78	21.64	22.50
		HIGH	64QAM	21.51	22.00	21.54	22.50
	8	LOW	64QAM	21.49	21.27	21.35	21.50
		MID	64QAM	21.36	21.47	21.26	21.50
		HIGH	64QAM	21.38	21.47	21.21	21.50
	15	LOW	64QAM	20.50	20.37	20.75	21.50

LTE B5-Level1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.32	22.44	22.31	23.50
		MID	QPSK	22.54	22.46	22.43	23.50
		HIGH	QPSK	22.58	22.53	22.49	23.50
	12	LOW	QPSK	22.52	22.40	22.67	23.50
		MID	QPSK	22.51	22.48	22.66	23.50
		HIGH	QPSK	22.39	22.59	22.55	23.50
	25	LOW	QPSK	22.66	22.51	22.39	23.50
5	1	LOW	Q16	22.55	22.84	22.47	23.50
		MID	Q16	22.53	22.59	22.72	23.50
		HIGH	Q16	22.66	22.84	22.67	23.50
	12	LOW	Q16	22.41	22.46	22.50	22.50
		MID	Q16	22.43	22.29	22.25	22.50
		HIGH	Q16	22.24	22.35	22.33	22.50
	25	LOW	Q16	21.79	21.37	21.75	22.50
5	1	LOW	64QAM	21.80	21.83	21.43	22.50
		MID	64QAM	21.81	21.80	21.64	22.50
		HIGH	64QAM	21.52	22.03	21.55	22.50
	12	LOW	64QAM	21.28	21.28	21.48	21.50
		MID	64QAM	21.32	21.47	21.29	21.50
		HIGH	64QAM	21.42	21.24	21.28	21.50
	25	LOW	64QAM	20.76	20.30	20.54	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.47	22.52	22.45	23.50
		MID	QPSK	22.45	22.46	22.51	23.50
		HIGH	QPSK	22.50	22.46	22.50	23.50
	25	LOW	QPSK	22.52	22.46	22.52	23.50
		MID	QPSK	22.54	22.55	22.53	23.50
		HIGH	QPSK	22.50	22.47	22.52	23.50
	50	LOW	QPSK	22.52	22.53	22.52	23.50
10	1	LOW	Q16	22.67	22.93	22.55	23.50
		MID	Q16	22.66	22.89	22.59	23.50
		HIGH	Q16	22.66	22.92	22.60	23.50
	25	LOW	Q16	22.35	22.41	22.39	22.50
		MID	Q16	22.41	22.38	22.35	22.50
		HIGH	Q16	22.36	22.37	22.31	22.50
	50	LOW	Q16	21.65	21.37	21.68	22.50
10	1	LOW	64QAM	21.57	21.97	21.67	22.50
		MID	64QAM	21.81	21.96	21.71	22.50
		HIGH	64QAM	21.68	21.86	21.72	22.50
	25	LOW	64QAM	21.50	21.39	21.48	21.50
		MID	64QAM	21.45	21.45	21.31	21.50
		HIGH	64QAM	21.44	21.45	21.35	21.50
	50	LOW	64QAM	20.67	20.52	20.73	21.50

LTE B5-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.78	21.71	21.43	22.50
		MID	QPSK	21.57	21.52	21.46	22.50
		HIGH	QPSK	21.61	21.46	21.63	22.50
	3	LOW	QPSK	21.82	21.75	21.40	22.50
		MID	QPSK	21.56	21.69	21.65	22.50
		HIGH	QPSK	21.57	21.65	21.63	22.50
	6	LOW	QPSK	21.72	21.59	21.57	22.50
1.4	1	LOW	Q16	21.57	21.97	21.40	22.50
		MID	Q16	21.67	21.66	21.48	22.50
		HIGH	Q16	21.53	21.93	21.43	22.50
	3	LOW	Q16	21.61	21.66	21.76	22.50
		MID	Q16	21.68	21.86	21.56	22.50
		HIGH	Q16	21.58	21.75	21.60	22.50
	6	LOW	Q16	21.59	21.74	21.70	22.50
1.4	1	LOW	64QAM	21.44	22.00	21.31	22.50
		MID	64QAM	21.65	21.64	21.60	22.50
		HIGH	64QAM	21.60	21.78	21.29	22.50
	3	LOW	64QAM	21.68	21.60	21.88	22.50
		MID	64QAM	21.60	21.98	21.64	22.50
		HIGH	64QAM	21.61	21.62	21.74	22.50
	6	LOW	64QAM	20.73	20.60	20.62	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	21.59	21.52	21.30	22.50
		MID	QPSK	21.77	21.56	21.60	22.50
		HIGH	QPSK	21.65	21.53	21.46	22.50
	8	LOW	QPSK	21.63	21.53	21.42	22.50
		MID	QPSK	21.51	21.50	21.50	22.50
		HIGH	QPSK	21.80	21.61	21.49	22.50
	15	LOW	QPSK	21.60	21.63	21.43	22.50
3	1	LOW	Q16	21.62	21.98	21.57	22.50
		MID	Q16	21.68	22.00	21.50	22.50
		HIGH	Q16	21.70	22.03	21.55	22.50
	8	LOW	Q16	21.80	21.70	21.60	22.50
		MID	Q16	21.57	21.66	21.73	22.50
		HIGH	Q16	21.66	21.63	21.71	22.50
	15	LOW	Q16	21.68	21.73	21.70	22.50
3	1	LOW	64QAM	21.50	21.95	21.36	22.50
		MID	64QAM	21.60	22.05	21.58	22.50
		HIGH	64QAM	21.67	21.91	21.71	22.50
	8	LOW	64QAM	20.66	20.66	20.69	21.50
		MID	64QAM	20.76	20.62	20.61	21.50
		HIGH	64QAM	20.78	20.84	20.51	21.50
	15	LOW	64QAM	20.68	20.68	20.50	21.50

LTE B5-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	21.75	21.68	21.43	22.50
		MID	QPSK	21.83	21.58	21.48	22.50
		HIGH	QPSK	21.68	21.72	21.59	22.50
	12	LOW	QPSK	21.67	21.62	21.48	22.50
		MID	QPSK	21.56	21.53	21.47	22.50
		HIGH	QPSK	21.71	21.63	21.46	22.50
	25	LOW	QPSK	21.71	21.78	21.39	22.50
5	1	LOW	Q16	21.51	21.90	21.61	22.50
		MID	Q16	21.72	21.77	21.54	22.50
		HIGH	Q16	21.44	22.10	21.51	22.50
	12	LOW	Q16	21.84	21.69	21.74	22.50
		MID	Q16	21.58	21.66	21.69	22.50
		HIGH	Q16	21.62	21.71	21.52	22.50
	25	LOW	Q16	21.72	21.82	21.69	22.50
5	1	LOW	64QAM	21.56	21.96	21.58	22.50
		MID	64QAM	21.48	21.64	21.67	22.50
		HIGH	64QAM	21.71	22.20	21.53	22.50
	12	LOW	64QAM	20.75	20.58	20.51	21.50
		MID	64QAM	20.68	20.67	20.56	21.50
		HIGH	64QAM	20.61	20.86	20.63	21.50
	25	LOW	64QAM	20.81	20.61	20.49	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	21.67	21.70	21.44	22.50
		MID	QPSK	21.69	21.61	21.50	22.50
		HIGH	QPSK	21.68	21.61	21.54	22.50
	25	LOW	QPSK	21.72	21.64	21.50	22.50
		MID	QPSK	21.64	21.63	21.52	22.50
		HIGH	QPSK	21.68	21.73	21.54	22.50
	50	LOW	QPSK	21.68	21.67	21.54	22.50
10	1	LOW	Q16	21.57	22.02	21.49	22.50
		MID	Q16	21.61	22.03	21.54	22.50
		HIGH	Q16	21.57	22.06	21.58	22.50
	25	LOW	Q16	21.74	21.72	21.63	22.50
		MID	Q16	21.69	21.72	21.62	22.50
		HIGH	Q16	21.72	21.75	21.65	22.50
	50	LOW	Q16	21.66	21.70	21.63	22.50
10	1	LOW	64QAM	21.62	21.91	21.62	22.50
		MID	64QAM	21.46	21.94	21.69	22.50
		HIGH	64QAM	21.72	22.03	21.51	22.50
	25	LOW	64QAM	20.64	20.65	20.72	21.50
		MID	64QAM	20.81	20.81	20.76	21.50
		HIGH	64QAM	20.78	20.69	20.74	21.50
	50	LOW	64QAM	20.74	20.60	20.72	21.50

LTE B5-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.50
		MID	QPSK	23.55	23.56	23.61	24.50
		HIGH	QPSK	23.57	23.58	23.64	24.50
	3	LOW	QPSK	23.68	23.64	23.68	24.50
		MID	QPSK	23.67	23.62	23.70	24.50
		HIGH	QPSK	23.65	23.62	23.70	24.50
	6	LOW	QPSK	22.65	22.70	22.69	23.50
1.4	1	LOW	Q16	22.75	23.05	22.75	23.50
		MID	Q16	22.78	23.00	22.73	23.50
		HIGH	Q16	22.78	23.03	22.74	23.50
	3	LOW	Q16	22.70	22.84	22.82	23.50
		MID	Q16	22.70	22.80	22.84	23.50
		HIGH	Q16	22.71	22.82	22.81	23.50
	6	LOW	Q16	21.77	21.56	21.84	22.50
1.4	1	LOW	64QAM	21.75	21.97	21.61	22.50
		MID	64QAM	21.77	21.97	21.59	22.50
		HIGH	64QAM	21.72	21.93	21.74	22.50
	3	LOW	64QAM	21.55	21.89	21.87	22.50
		MID	64QAM	21.79	21.94	21.79	22.50
		HIGH	64QAM	21.63	21.84	21.67	22.50
	6	LOW	64QAM	20.89	20.69	20.87	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.50
		MID	QPSK	23.66	23.58	23.63	24.50
		HIGH	QPSK	23.73	23.59	23.66	24.50
	8	LOW	QPSK	22.60	22.63	22.68	23.50
		MID	QPSK	22.70	22.64	22.70	23.50
		HIGH	QPSK	22.67	22.67	22.68	23.50
	15	LOW	QPSK	22.67	22.66	22.69	23.50
3	1	LOW	Q16	22.59	23.02	22.74	23.50
		MID	Q16	22.60	23.05	22.69	23.50
		HIGH	Q16	22.62	23.06	22.72	23.50
	8	LOW	Q16	21.77	21.72	21.73	22.50
		MID	Q16	21.78	21.76	21.74	22.50
		HIGH	Q16	21.76	21.75	21.73	22.50
	15	LOW	Q16	21.71	21.71	21.68	22.50
3	1	LOW	64QAM	21.73	22.17	21.85	22.50
		MID	64QAM	21.71	22.20	21.60	22.50
		HIGH	64QAM	21.77	22.14	21.85	22.50
	8	LOW	64QAM	20.83	20.84	20.58	22.50
		MID	64QAM	20.85	20.88	20.80	22.50
		HIGH	64QAM	20.61	20.88	20.73	22.50
	15	LOW	64QAM	20.65	20.69	20.70	21.50

LTE B5-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.86	23.62	23.71	24.50
		MID	QPSK	23.86	23.65	23.72	24.50
		HIGH	QPSK	23.91	23.71	23.70	24.50
	12	LOW	QPSK	22.72	22.68	22.77	23.50
		MID	QPSK	22.72	22.66	22.71	23.50
		HIGH	QPSK	22.64	22.63	22.73	23.50
	25	LOW	QPSK	22.68	22.63	22.72	23.50
5	1	LOW	Q16	22.95	23.24	22.72	23.50
		MID	Q16	22.99	23.24	22.73	23.50
		HIGH	Q16	23.06	23.22	22.74	23.50
	12	LOW	Q16	21.75	21.81	21.84	22.50
		MID	Q16	21.75	21.80	21.75	22.50
		HIGH	Q16	21.69	21.76	21.76	22.50
	25	LOW	Q16	21.76	21.72	21.67	22.50
5	1	LOW	64QAM	22.03	22.16	21.74	22.50
		MID	64QAM	21.92	22.19	21.78	22.50
		HIGH	64QAM	22.01	22.31	21.86	22.50
	12	LOW	64QAM	20.74	20.82	20.86	21.50
		MID	64QAM	20.62	20.95	20.89	21.50
		HIGH	64QAM	20.71	20.87	20.64	21.50
	25	LOW	64QAM	20.87	20.66	20.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.50
		MID	QPSK	23.66	23.65	23.54	24.50
		HIGH	QPSK	23.68	23.69	23.59	24.50
	25	LOW	QPSK	22.72	22.68	22.51	23.50
		MID	QPSK	22.68	22.65	22.57	23.50
		HIGH	QPSK	22.71	22.73	22.57	23.50
	50	LOW	QPSK	22.70	22.70	22.59	23.50
10	1	LOW	Q16	22.55	23.01	22.50	23.50
		MID	Q16	22.61	23.04	22.56	23.50
		HIGH	Q16	22.56	23.03	22.60	23.50
	25	LOW	Q16	21.74	21.73	21.63	22.50
		MID	Q16	21.67	21.70	21.65	22.50
		HIGH	Q16	21.73	21.76	21.66	22.50
	50	LOW	Q16	21.68	21.70	21.60	22.50
10	1	LOW	64QAM	21.70	21.86	21.63	22.50
		MID	64QAM	21.58	22.06	21.70	22.50
		HIGH	64QAM	21.71	22.04	21.46	22.50
	25	LOW	64QAM	20.77	20.80	20.57	21.50
		MID	64QAM	20.81	20.72	20.76	21.50
		HIGH	64QAM	20.88	20.75	20.80	21.50
	50	LOW	64QAM	20.82	20.80	20.56	21.50

LTE B5-Level4-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.50
		MID	QPSK	23.55	23.56	23.61	24.50
		HIGH	QPSK	23.57	23.58	23.64	24.50
	3	LOW	QPSK	23.68	23.64	23.68	24.50
		MID	QPSK	23.67	23.62	23.70	24.50
		HIGH	QPSK	23.65	23.62	23.70	24.50
	6	LOW	QPSK	22.65	22.70	22.69	23.50
1.4	1	LOW	Q16	22.75	23.05	22.75	23.50
		MID	Q16	22.78	23.00	22.73	23.50
		HIGH	Q16	22.78	23.03	22.74	23.50
	3	LOW	Q16	22.70	22.84	22.82	23.50
		MID	Q16	22.70	22.80	22.84	23.50
		HIGH	Q16	22.71	22.82	22.81	23.50
	6	LOW	Q16	21.77	21.56	21.84	22.50
1.4	1	LOW	64QAM	21.75	21.97	21.61	22.50
		MID	64QAM	21.77	21.97	21.59	22.50
		HIGH	64QAM	21.72	21.93	21.74	22.50
	3	LOW	64QAM	21.55	21.89	21.87	22.50
		MID	64QAM	21.79	21.94	21.79	22.50
		HIGH	64QAM	21.63	21.84	21.67	22.50
	6	LOW	64QAM	20.89	20.69	20.87	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.50
		MID	QPSK	23.66	23.58	23.63	24.50
		HIGH	QPSK	23.73	23.59	23.66	24.50
	8	LOW	QPSK	22.60	22.63	22.68	23.50
		MID	QPSK	22.70	22.64	22.70	23.50
		HIGH	QPSK	22.67	22.67	22.68	23.50
	15	LOW	QPSK	22.67	22.66	22.69	23.50
3	1	LOW	Q16	22.59	23.02	22.74	23.50
		MID	Q16	22.60	23.05	22.69	23.50
		HIGH	Q16	22.62	23.06	22.72	23.50
	8	LOW	Q16	21.77	21.72	21.73	22.50
		MID	Q16	21.78	21.76	21.74	22.50
		HIGH	Q16	21.76	21.75	21.73	22.50
	15	LOW	Q16	21.71	21.71	21.68	22.50
3	1	LOW	64QAM	21.73	22.17	21.85	22.50
		MID	64QAM	21.71	22.20	21.60	22.50
		HIGH	64QAM	21.77	22.14	21.85	22.50
	8	LOW	64QAM	20.83	20.84	20.58	22.50
		MID	64QAM	20.85	20.88	20.80	22.50
		HIGH	64QAM	20.61	20.88	20.73	22.50
	15	LOW	64QAM	20.65	20.69	20.70	21.50

LTE B5-Level4-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.86	23.62	23.71	24.50
		MID	QPSK	23.86	23.65	23.72	24.50
		HIGH	QPSK	23.91	23.71	23.70	24.50
	12	LOW	QPSK	22.72	22.68	22.77	23.50
		MID	QPSK	22.72	22.66	22.71	23.50
		HIGH	QPSK	22.64	22.63	22.73	23.50
	25	LOW	QPSK	22.68	22.63	22.72	23.50
5	1	LOW	Q16	22.95	23.24	22.72	23.50
		MID	Q16	22.99	23.24	22.73	23.50
		HIGH	Q16	23.06	23.22	22.74	23.50
	12	LOW	Q16	21.75	21.81	21.84	22.50
		MID	Q16	21.75	21.80	21.75	22.50
		HIGH	Q16	21.69	21.76	21.76	22.50
	25	LOW	Q16	21.76	21.72	21.67	22.50
5	1	LOW	64QAM	22.03	22.16	21.74	22.50
		MID	64QAM	21.92	22.19	21.78	22.50
		HIGH	64QAM	22.01	22.31	21.86	22.50
	12	LOW	64QAM	20.74	20.82	20.86	21.50
		MID	64QAM	20.62	20.95	20.89	21.50
		HIGH	64QAM	20.71	20.87	20.64	21.50
	25	LOW	64QAM	20.87	20.66	20.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.50
		MID	QPSK	23.66	23.65	23.54	24.50
		HIGH	QPSK	23.68	23.69	23.59	24.50
	25	LOW	QPSK	22.72	22.68	22.51	23.50
		MID	QPSK	22.68	22.65	22.57	23.50
		HIGH	QPSK	22.71	22.73	22.57	23.50
	50	LOW	QPSK	22.70	22.70	22.59	23.50
10	1	LOW	Q16	22.55	23.01	22.50	23.50
		MID	Q16	22.61	23.04	22.56	23.50
		HIGH	Q16	22.56	23.03	22.60	23.50
	25	LOW	Q16	21.74	21.73	21.63	22.50
		MID	Q16	21.67	21.70	21.65	22.50
		HIGH	Q16	21.73	21.76	21.66	22.50
	50	LOW	Q16	21.68	21.70	21.60	22.50
10	1	LOW	64QAM	21.70	21.86	21.63	22.50
		MID	64QAM	21.58	22.06	21.70	22.50
		HIGH	64QAM	21.71	22.04	21.46	22.50
	25	LOW	64QAM	20.77	20.80	20.57	21.50
		MID	64QAM	20.81	20.72	20.76	21.50
		HIGH	64QAM	20.88	20.75	20.80	21.50
	50	LOW	64QAM	20.82	20.80	20.56	21.50

LTE B5-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.50
		MID	QPSK	23.55	23.56	23.61	24.50
		HIGH	QPSK	23.57	23.58	23.64	24.50
	3	LOW	QPSK	23.68	23.64	23.68	24.50
		MID	QPSK	23.67	23.62	23.70	24.50
		HIGH	QPSK	23.65	23.62	23.70	24.50
	6	LOW	QPSK	22.65	22.70	22.69	23.50
1.4	1	LOW	Q16	22.75	23.05	22.75	23.50
		MID	Q16	22.78	23.00	22.73	23.50
		HIGH	Q16	22.78	23.03	22.74	23.50
	3	LOW	Q16	22.70	22.84	22.82	23.50
		MID	Q16	22.70	22.80	22.84	23.50
		HIGH	Q16	22.71	22.82	22.81	23.50
	6	LOW	Q16	21.77	21.56	21.84	22.50
1.4	1	LOW	64QAM	21.75	21.97	21.61	22.50
		MID	64QAM	21.77	21.97	21.59	22.50
		HIGH	64QAM	21.72	21.93	21.74	22.50
	3	LOW	64QAM	21.55	21.89	21.87	22.50
		MID	64QAM	21.79	21.94	21.79	22.50
		HIGH	64QAM	21.63	21.84	21.67	22.50
	6	LOW	64QAM	20.89	20.69	20.87	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.50
		MID	QPSK	23.66	23.58	23.63	24.50
		HIGH	QPSK	23.73	23.59	23.66	24.50
	8	LOW	QPSK	22.60	22.63	22.68	23.50
		MID	QPSK	22.70	22.64	22.70	23.50
		HIGH	QPSK	22.67	22.67	22.68	23.50
	15	LOW	QPSK	22.67	22.66	22.69	23.50
3	1	LOW	Q16	22.59	23.02	22.74	23.50
		MID	Q16	22.60	23.05	22.69	23.50
		HIGH	Q16	22.62	23.06	22.72	23.50
	8	LOW	Q16	21.77	21.72	21.73	22.50
		MID	Q16	21.78	21.76	21.74	22.50
		HIGH	Q16	21.76	21.75	21.73	22.50
	15	LOW	Q16	21.71	21.71	21.68	22.50
3	1	LOW	64QAM	21.73	22.17	21.85	22.50
		MID	64QAM	21.71	22.20	21.60	22.50
		HIGH	64QAM	21.77	22.14	21.85	22.50
	8	LOW	64QAM	20.83	20.84	20.58	22.50
		MID	64QAM	20.85	20.88	20.80	22.50
		HIGH	64QAM	20.61	20.88	20.73	22.50
	15	LOW	64QAM	20.65	20.69	20.70	21.50

LTE B5-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.86	23.62	23.71	24.50
		MID	QPSK	23.86	23.65	23.72	24.50
		HIGH	QPSK	23.91	23.71	23.70	24.50
	12	LOW	QPSK	22.72	22.68	22.77	23.50
		MID	QPSK	22.72	22.66	22.71	23.50
		HIGH	QPSK	22.64	22.63	22.73	23.50
	25	LOW	QPSK	22.68	22.63	22.72	23.50
5	1	LOW	Q16	22.95	23.24	22.72	23.50
		MID	Q16	22.99	23.24	22.73	23.50
		HIGH	Q16	23.06	23.22	22.74	23.50
	12	LOW	Q16	21.75	21.81	21.84	22.50
		MID	Q16	21.75	21.80	21.75	22.50
		HIGH	Q16	21.69	21.76	21.76	22.50
	25	LOW	Q16	21.76	21.72	21.67	22.50
5	1	LOW	64QAM	22.03	22.16	21.74	22.50
		MID	64QAM	21.92	22.19	21.78	22.50
		HIGH	64QAM	22.01	22.31	21.86	22.50
	12	LOW	64QAM	20.74	20.82	20.86	21.50
		MID	64QAM	20.62	20.95	20.89	21.50
		HIGH	64QAM	20.71	20.87	20.64	21.50
	25	LOW	64QAM	20.87	20.66	20.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.50
		MID	QPSK	23.66	23.65	23.54	24.50
		HIGH	QPSK	23.68	23.69	23.59	24.50
	25	LOW	QPSK	22.72	22.68	22.51	23.50
		MID	QPSK	22.68	22.65	22.57	23.50
		HIGH	QPSK	22.71	22.73	22.57	23.50
	50	LOW	QPSK	22.70	22.70	22.59	23.50
10	1	LOW	Q16	22.55	23.01	22.50	23.50
		MID	Q16	22.61	23.04	22.56	23.50
		HIGH	Q16	22.56	23.03	22.60	23.50
	25	LOW	Q16	21.74	21.73	21.63	22.50
		MID	Q16	21.67	21.70	21.65	22.50
		HIGH	Q16	21.73	21.76	21.66	22.50
	50	LOW	Q16	21.68	21.70	21.60	22.50
10	1	LOW	64QAM	21.70	21.86	21.63	22.50
		MID	64QAM	21.58	22.06	21.70	22.50
		HIGH	64QAM	21.71	22.04	21.46	22.50
	25	LOW	64QAM	20.77	20.80	20.57	21.50
		MID	64QAM	20.81	20.72	20.76	21.50
		HIGH	64QAM	20.88	20.75	20.80	21.50
	50	LOW	64QAM	20.82	20.80	20.56	21.50

LTE B5-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.50
		MID	QPSK	23.55	23.56	23.61	24.50
		HIGH	QPSK	23.57	23.58	23.64	24.50
	3	LOW	QPSK	23.68	23.64	23.68	24.50
		MID	QPSK	23.67	23.62	23.70	24.50
		HIGH	QPSK	23.65	23.62	23.70	24.50
	6	LOW	QPSK	22.65	22.70	22.69	23.50
1.4	1	LOW	Q16	22.75	23.05	22.75	23.50
		MID	Q16	22.78	23.00	22.73	23.50
		HIGH	Q16	22.78	23.03	22.74	23.50
	3	LOW	Q16	22.70	22.84	22.82	23.50
		MID	Q16	22.70	22.80	22.84	23.50
		HIGH	Q16	22.71	22.82	22.81	23.50
	6	LOW	Q16	21.77	21.56	21.84	22.50
1.4	1	LOW	64QAM	21.75	21.97	21.61	22.50
		MID	64QAM	21.77	21.97	21.59	22.50
		HIGH	64QAM	21.72	21.93	21.74	22.50
	3	LOW	64QAM	21.55	21.89	21.87	22.50
		MID	64QAM	21.79	21.94	21.79	22.50
		HIGH	64QAM	21.63	21.84	21.67	22.50
	6	LOW	64QAM	20.89	20.69	20.87	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.50
		MID	QPSK	23.66	23.58	23.63	24.50
		HIGH	QPSK	23.73	23.59	23.66	24.50
	8	LOW	QPSK	22.60	22.63	22.68	23.50
		MID	QPSK	22.70	22.64	22.70	23.50
		HIGH	QPSK	22.67	22.67	22.68	23.50
	15	LOW	QPSK	22.67	22.66	22.69	23.50
3	1	LOW	Q16	22.59	23.02	22.74	23.50
		MID	Q16	22.60	23.05	22.69	23.50
		HIGH	Q16	22.62	23.06	22.72	23.50
	8	LOW	Q16	21.77	21.72	21.73	22.50
		MID	Q16	21.78	21.76	21.74	22.50
		HIGH	Q16	21.76	21.75	21.73	22.50
	15	LOW	Q16	21.71	21.71	21.68	22.50
3	1	LOW	64QAM	21.73	22.17	21.85	22.50
		MID	64QAM	21.71	22.20	21.60	22.50
		HIGH	64QAM	21.77	22.14	21.85	22.50
	8	LOW	64QAM	20.83	20.84	20.58	22.50
		MID	64QAM	20.85	20.88	20.80	22.50
		HIGH	64QAM	20.61	20.88	20.73	22.50
	15	LOW	64QAM	20.65	20.69	20.70	21.50

LTE B5-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.86	23.62	23.71	24.50
		MID	QPSK	23.86	23.65	23.72	24.50
		HIGH	QPSK	23.91	23.71	23.70	24.50
	12	LOW	QPSK	22.72	22.68	22.77	23.50
		MID	QPSK	22.72	22.66	22.71	23.50
		HIGH	QPSK	22.64	22.63	22.73	23.50
	25	LOW	QPSK	22.68	22.63	22.72	23.50
5	1	LOW	Q16	22.95	23.24	22.72	23.50
		MID	Q16	22.99	23.24	22.73	23.50
		HIGH	Q16	23.06	23.22	22.74	23.50
	12	LOW	Q16	21.75	21.81	21.84	22.50
		MID	Q16	21.75	21.80	21.75	22.50
		HIGH	Q16	21.69	21.76	21.76	22.50
	25	LOW	Q16	21.76	21.72	21.67	22.50
5	1	LOW	64QAM	22.03	22.16	21.74	22.50
		MID	64QAM	21.92	22.19	21.78	22.50
		HIGH	64QAM	22.01	22.31	21.86	22.50
	12	LOW	64QAM	20.74	20.82	20.86	21.50
		MID	64QAM	20.62	20.95	20.89	21.50
		HIGH	64QAM	20.71	20.87	20.64	21.50
	25	LOW	64QAM	20.87	20.66	20.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.50
		MID	QPSK	23.66	23.65	23.54	24.50
		HIGH	QPSK	23.68	23.69	23.59	24.50
	25	LOW	QPSK	22.72	22.68	22.51	23.50
		MID	QPSK	22.68	22.65	22.57	23.50
		HIGH	QPSK	22.71	22.73	22.57	23.50
	50	LOW	QPSK	22.70	22.70	22.59	23.50
10	1	LOW	Q16	22.55	23.01	22.50	23.50
		MID	Q16	22.61	23.04	22.56	23.50
		HIGH	Q16	22.56	23.03	22.60	23.50
	25	LOW	Q16	21.74	21.73	21.63	22.50
		MID	Q16	21.67	21.70	21.65	22.50
		HIGH	Q16	21.73	21.76	21.66	22.50
	50	LOW	Q16	21.68	21.70	21.60	22.50
10	1	LOW	64QAM	21.70	21.86	21.63	22.50
		MID	64QAM	21.58	22.06	21.70	22.50
		HIGH	64QAM	21.71	22.04	21.46	22.50
	25	LOW	64QAM	20.77	20.80	20.57	21.50
		MID	64QAM	20.81	20.72	20.76	21.50
		HIGH	64QAM	20.88	20.75	20.80	21.50
	50	LOW	64QAM	20.82	20.80	20.56	21.50

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.80
		MID	QPSK	23.70	23.73	23.78	24.80
		HIGH	QPSK	23.72	23.75	23.76	24.80
	3	LOW	QPSK	23.84	23.78	23.85	24.80
		MID	QPSK	23.83	23.79	23.85	24.80
		HIGH	QPSK	23.81	23.74	23.84	24.80
	6	LOW	QPSK	22.81	22.84	22.86	23.80
1.4	1	LOW	Q16	22.93	23.20	22.89	23.80
		MID	Q16	22.93	23.17	22.89	23.80
		HIGH	Q16	22.91	23.22	22.91	23.80
	3	LOW	Q16	22.85	23.00	22.99	23.80
		MID	Q16	22.84	22.93	23.00	23.80
		HIGH	Q16	22.82	22.95	22.99	23.80
	6	LOW	Q16	21.93	21.68	22.00	22.80
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.80
		MID	64QAM	22.02	22.07	21.79	22.80
		HIGH	64QAM	21.84	22.21	22.05	22.80
	3	LOW	64QAM	21.75	22.10	22.12	22.80
		MID	64QAM	21.88	22.07	22.01	22.80
		HIGH	64QAM	21.72	21.92	21.95	22.80
	6	LOW	64QAM	21.05	20.71	21.13	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.80
		MID	QPSK	23.81	23.81	23.82	24.80
		HIGH	QPSK	23.88	23.77	23.81	24.80
	8	LOW	QPSK	22.79	22.78	22.88	23.80
		MID	QPSK	22.79	22.81	22.88	23.80
		HIGH	QPSK	22.80	22.84	22.86	23.80
	15	LOW	QPSK	22.81	22.83	22.87	23.80
3	1	LOW	Q16	22.72	23.19	22.90	23.80
		MID	Q16	22.75	23.21	22.89	23.80
		HIGH	Q16	22.75	23.23	22.89	23.80
	8	LOW	Q16	21.92	21.88	21.92	22.80
		MID	Q16	21.94	21.92	21.92	22.80
		HIGH	Q16	21.90	21.90	21.91	22.80
	15	LOW	Q16	21.82	21.88	21.83	22.80
3	1	LOW	64QAM	21.75	22.20	21.79	22.80
		MID	64QAM	21.61	22.31	21.84	22.80
		HIGH	64QAM	21.90	22.08	21.93	22.80
	8	LOW	64QAM	20.96	20.97	21.01	22.80
		MID	64QAM	21.00	20.88	20.86	22.80
		HIGH	64QAM	20.86	20.91	20.90	22.80
	15	LOW	64QAM	20.71	20.76	20.86	21.80

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.80
		MID	QPSK	24.01	23.86	23.89	24.80
		HIGH	QPSK	24.06	23.87	23.89	24.80
	12	LOW	QPSK	22.83	22.84	22.98	23.80
		MID	QPSK	22.83	22.81	22.88	23.80
		HIGH	QPSK	22.76	22.82	22.88	23.80
	25	LOW	QPSK	22.83	22.81	22.87	23.80
5	1	LOW	Q16	23.07	23.40	22.89	23.80
		MID	Q16	23.13	23.40	22.87	23.80
		HIGH	Q16	23.19	23.38	22.92	23.80
	12	LOW	Q16	21.89	21.94	22.02	22.80
		MID	Q16	21.86	21.95	21.90	22.80
		HIGH	Q16	21.84	21.91	21.92	22.80
	25	LOW	Q16	21.87	21.87	21.84	22.80
5	1	LOW	64QAM	22.12	22.31	21.91	22.80
		MID	64QAM	22.06	22.40	21.90	22.80
		HIGH	64QAM	22.20	22.45	21.93	22.80
	12	LOW	64QAM	21.03	20.86	21.07	21.80
		MID	64QAM	20.94	20.85	20.88	21.80
		HIGH	64QAM	20.99	20.96	20.85	21.80
	25	LOW	64QAM	20.87	20.93	20.84	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.80
		MID	QPSK	23.88	23.82	23.71	24.80
		HIGH	QPSK	23.86	23.89	23.75	24.80
	25	LOW	QPSK	22.87	22.84	22.70	23.80
		MID	QPSK	22.83	22.78	22.73	23.80
		HIGH	QPSK	22.83	22.88	22.71	23.80
	50	LOW	QPSK	22.86	22.86	22.78	23.80
10	1	LOW	Q16	22.70	23.16	22.67	23.80
		MID	Q16	22.76	23.20	22.72	23.80
		HIGH	Q16	22.73	23.22	22.78	23.80
	25	LOW	Q16	21.92	21.86	21.78	22.80
		MID	Q16	21.83	21.87	21.81	22.80
		HIGH	Q16	21.86	21.94	21.81	22.80
	50	LOW	Q16	21.84	21.88	21.76	22.80
10	1	LOW	64QAM	21.75	22.07	21.76	22.80
		MID	64QAM	21.86	22.25	21.83	22.80
		HIGH	64QAM	21.81	22.11	21.87	22.80
	25	LOW	64QAM	20.77	20.75	20.64	21.80
		MID	64QAM	20.95	20.74	20.75	21.80
		HIGH	64QAM	20.86	21.09	20.70	21.80
	50	LOW	64QAM	20.85	21.03	20.85	21.80

LTE B5-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.80
		MID	QPSK	23.70	23.73	23.78	24.80
		HIGH	QPSK	23.72	23.75	23.76	24.80
	3	LOW	QPSK	23.84	23.78	23.85	24.80
		MID	QPSK	23.83	23.79	23.85	24.80
		HIGH	QPSK	23.81	23.74	23.84	24.80
	6	LOW	QPSK	22.81	22.84	22.86	23.80
1.4	1	LOW	Q16	22.93	23.20	22.89	23.80
		MID	Q16	22.93	23.17	22.89	23.80
		HIGH	Q16	22.91	23.22	22.91	23.80
	3	LOW	Q16	22.85	23.00	22.99	23.80
		MID	Q16	22.84	22.93	23.00	23.80
		HIGH	Q16	22.82	22.95	22.99	23.80
	6	LOW	Q16	21.93	21.68	22.00	22.80
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.80
		MID	64QAM	22.02	22.07	21.79	22.80
		HIGH	64QAM	21.84	22.21	22.05	22.80
	3	LOW	64QAM	21.75	22.10	22.12	22.80
		MID	64QAM	21.88	22.07	22.01	22.80
		HIGH	64QAM	21.72	21.92	21.95	22.80
	6	LOW	64QAM	21.05	20.71	21.13	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.80
		MID	QPSK	23.81	23.81	23.82	24.80
		HIGH	QPSK	23.88	23.77	23.81	24.80
	8	LOW	QPSK	22.79	22.78	22.88	23.80
		MID	QPSK	22.79	22.81	22.88	23.80
		HIGH	QPSK	22.80	22.84	22.86	23.80
	15	LOW	QPSK	22.81	22.83	22.87	23.80
3	1	LOW	Q16	22.72	23.19	22.90	23.80
		MID	Q16	22.75	23.21	22.89	23.80
		HIGH	Q16	22.75	23.23	22.89	23.80
	8	LOW	Q16	21.92	21.88	21.92	22.80
		MID	Q16	21.94	21.92	21.92	22.80
		HIGH	Q16	21.90	21.90	21.91	22.80
	15	LOW	Q16	21.82	21.88	21.83	22.80
3	1	LOW	64QAM	21.75	22.20	21.79	22.80
		MID	64QAM	21.61	22.31	21.84	22.80
		HIGH	64QAM	21.90	22.08	21.93	22.80
	8	LOW	64QAM	20.96	20.97	21.01	22.80
		MID	64QAM	21.00	20.88	20.86	22.80
		HIGH	64QAM	20.86	20.91	20.90	22.80
	15	LOW	64QAM	20.71	20.76	20.86	21.80

LTE B5-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.80
		MID	QPSK	24.01	23.86	23.89	24.80
		HIGH	QPSK	24.06	23.87	23.89	24.80
	12	LOW	QPSK	22.83	22.84	22.98	23.80
		MID	QPSK	22.83	22.81	22.88	23.80
		HIGH	QPSK	22.76	22.82	22.88	23.80
	25	LOW	QPSK	22.83	22.81	22.87	23.80
5	1	LOW	Q16	23.07	23.40	22.89	23.80
		MID	Q16	23.13	23.40	22.87	23.80
		HIGH	Q16	23.19	23.38	22.92	23.80
	12	LOW	Q16	21.89	21.94	22.02	22.80
		MID	Q16	21.86	21.95	21.90	22.80
		HIGH	Q16	21.84	21.91	21.92	22.80
	25	LOW	Q16	21.87	21.87	21.84	22.80
5	1	LOW	64QAM	22.12	22.31	21.91	22.80
		MID	64QAM	22.06	22.40	21.90	22.80
		HIGH	64QAM	22.20	22.45	21.93	22.80
	12	LOW	64QAM	21.03	20.86	21.07	21.80
		MID	64QAM	20.94	20.85	20.88	21.80
		HIGH	64QAM	20.99	20.96	20.85	21.80
	25	LOW	64QAM	20.87	20.93	20.84	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.80
		MID	QPSK	23.88	23.82	23.71	24.80
		HIGH	QPSK	23.86	23.89	23.75	24.80
	25	LOW	QPSK	22.87	22.84	22.70	23.80
		MID	QPSK	22.83	22.78	22.73	23.80
		HIGH	QPSK	22.83	22.88	22.71	23.80
	50	LOW	QPSK	22.86	22.86	22.78	23.80
10	1	LOW	Q16	22.70	23.16	22.67	23.80
		MID	Q16	22.76	23.20	22.72	23.80
		HIGH	Q16	22.73	23.22	22.78	23.80
	25	LOW	Q16	21.92	21.86	21.78	22.80
		MID	Q16	21.83	21.87	21.81	22.80
		HIGH	Q16	21.86	21.94	21.81	22.80
	50	LOW	Q16	21.84	21.88	21.76	22.80
10	1	LOW	64QAM	21.75	22.07	21.76	22.80
		MID	64QAM	21.86	22.25	21.83	22.80
		HIGH	64QAM	21.81	22.11	21.87	22.80
	25	LOW	64QAM	20.77	20.75	20.64	21.80
		MID	64QAM	20.95	20.74	20.75	21.80
		HIGH	64QAM	20.86	21.09	20.70	21.80
	50	LOW	64QAM	20.85	21.03	20.85	21.80

LTE B5-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.80
		MID	QPSK	23.70	23.73	23.78	24.80
		HIGH	QPSK	23.72	23.75	23.76	24.80
	3	LOW	QPSK	23.84	23.78	23.85	24.80
		MID	QPSK	23.83	23.79	23.85	24.80
		HIGH	QPSK	23.81	23.74	23.84	24.80
	6	LOW	QPSK	22.81	22.84	22.86	23.80
1.4	1	LOW	Q16	22.93	23.20	22.89	23.80
		MID	Q16	22.93	23.17	22.89	23.80
		HIGH	Q16	22.91	23.22	22.91	23.80
	3	LOW	Q16	22.85	23.00	22.99	23.80
		MID	Q16	22.84	22.93	23.00	23.80
		HIGH	Q16	22.82	22.95	22.99	23.80
	6	LOW	Q16	21.93	21.68	22.00	22.80
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.80
		MID	64QAM	22.02	22.07	21.79	22.80
		HIGH	64QAM	21.84	22.21	22.05	22.80
	3	LOW	64QAM	21.75	22.10	22.12	22.80
		MID	64QAM	21.88	22.07	22.01	22.80
		HIGH	64QAM	21.72	21.92	21.95	22.80
	6	LOW	64QAM	21.05	20.71	21.13	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.80
		MID	QPSK	23.81	23.81	23.82	24.80
		HIGH	QPSK	23.88	23.77	23.81	24.80
	8	LOW	QPSK	22.79	22.78	22.88	23.80
		MID	QPSK	22.79	22.81	22.88	23.80
		HIGH	QPSK	22.80	22.84	22.86	23.80
	15	LOW	QPSK	22.81	22.83	22.87	23.80
3	1	LOW	Q16	22.72	23.19	22.90	23.80
		MID	Q16	22.75	23.21	22.89	23.80
		HIGH	Q16	22.75	23.23	22.89	23.80
	8	LOW	Q16	21.92	21.88	21.92	22.80
		MID	Q16	21.94	21.92	21.92	22.80
		HIGH	Q16	21.90	21.90	21.91	22.80
	15	LOW	Q16	21.82	21.88	21.83	22.80
3	1	LOW	64QAM	21.75	22.20	21.79	22.80
		MID	64QAM	21.61	22.31	21.84	22.80
		HIGH	64QAM	21.90	22.08	21.93	22.80
	8	LOW	64QAM	20.96	20.97	21.01	22.80
		MID	64QAM	21.00	20.88	20.86	22.80
		HIGH	64QAM	20.86	20.91	20.90	22.80
	15	LOW	64QAM	20.71	20.76	20.86	21.80

LTE B5-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.80
		MID	QPSK	24.01	23.86	23.89	24.80
		HIGH	QPSK	24.06	23.87	23.89	24.80
	12	LOW	QPSK	22.83	22.84	22.98	23.80
		MID	QPSK	22.83	22.81	22.88	23.80
		HIGH	QPSK	22.76	22.82	22.88	23.80
	25	LOW	QPSK	22.83	22.81	22.87	23.80
5	1	LOW	Q16	23.07	23.40	22.89	23.80
		MID	Q16	23.13	23.40	22.87	23.80
		HIGH	Q16	23.19	23.38	22.92	23.80
	12	LOW	Q16	21.89	21.94	22.02	22.80
		MID	Q16	21.86	21.95	21.90	22.80
		HIGH	Q16	21.84	21.91	21.92	22.80
	25	LOW	Q16	21.87	21.87	21.84	22.80
5	1	LOW	64QAM	22.12	22.31	21.91	22.80
		MID	64QAM	22.06	22.40	21.90	22.80
		HIGH	64QAM	22.20	22.45	21.93	22.80
	12	LOW	64QAM	21.03	20.86	21.07	21.80
		MID	64QAM	20.94	20.85	20.88	21.80
		HIGH	64QAM	20.99	20.96	20.85	21.80
	25	LOW	64QAM	20.87	20.93	20.84	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.80
		MID	QPSK	23.88	23.82	23.71	24.80
		HIGH	QPSK	23.86	23.89	23.75	24.80
	25	LOW	QPSK	22.87	22.84	22.70	23.80
		MID	QPSK	22.83	22.78	22.73	23.80
		HIGH	QPSK	22.83	22.88	22.71	23.80
	50	LOW	QPSK	22.86	22.86	22.78	23.80
10	1	LOW	Q16	22.70	23.16	22.67	23.80
		MID	Q16	22.76	23.20	22.72	23.80
		HIGH	Q16	22.73	23.22	22.78	23.80
	25	LOW	Q16	21.92	21.86	21.78	22.80
		MID	Q16	21.83	21.87	21.81	22.80
		HIGH	Q16	21.86	21.94	21.81	22.80
	50	LOW	Q16	21.84	21.88	21.76	22.80
10	1	LOW	64QAM	21.75	22.07	21.76	22.80
		MID	64QAM	21.86	22.25	21.83	22.80
		HIGH	64QAM	21.81	22.11	21.87	22.80
	25	LOW	64QAM	20.77	20.75	20.64	21.80
		MID	64QAM	20.95	20.74	20.75	21.80
		HIGH	64QAM	20.86	21.09	20.70	21.80
	50	LOW	64QAM	20.85	21.03	20.85	21.80

LTE B5-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.80
		MID	QPSK	23.70	23.73	23.78	24.80
		HIGH	QPSK	23.72	23.75	23.76	24.80
	3	LOW	QPSK	23.84	23.78	23.85	24.80
		MID	QPSK	23.83	23.79	23.85	24.80
		HIGH	QPSK	23.81	23.74	23.84	24.80
	6	LOW	QPSK	22.81	22.84	22.86	23.80
1.4	1	LOW	Q16	22.93	23.20	22.89	23.80
		MID	Q16	22.93	23.17	22.89	23.80
		HIGH	Q16	22.91	23.22	22.91	23.80
	3	LOW	Q16	22.85	23.00	22.99	23.80
		MID	Q16	22.84	22.93	23.00	23.80
		HIGH	Q16	22.82	22.95	22.99	23.80
	6	LOW	Q16	21.93	21.68	22.00	22.80
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.80
		MID	64QAM	22.02	22.07	21.79	22.80
		HIGH	64QAM	21.84	22.21	22.05	22.80
	3	LOW	64QAM	21.75	22.10	22.12	22.80
		MID	64QAM	21.88	22.07	22.01	22.80
		HIGH	64QAM	21.72	21.92	21.95	22.80
	6	LOW	64QAM	21.05	20.71	21.13	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.80
		MID	QPSK	23.81	23.81	23.82	24.80
		HIGH	QPSK	23.88	23.77	23.81	24.80
	8	LOW	QPSK	22.79	22.78	22.88	23.80
		MID	QPSK	22.79	22.81	22.88	23.80
		HIGH	QPSK	22.80	22.84	22.86	23.80
	15	LOW	QPSK	22.81	22.83	22.87	23.80
3	1	LOW	Q16	22.72	23.19	22.90	23.80
		MID	Q16	22.75	23.21	22.89	23.80
		HIGH	Q16	22.75	23.23	22.89	23.80
	8	LOW	Q16	21.92	21.88	21.92	22.80
		MID	Q16	21.94	21.92	21.92	22.80
		HIGH	Q16	21.90	21.90	21.91	22.80
	15	LOW	Q16	21.82	21.88	21.83	22.80
3	1	LOW	64QAM	21.75	22.20	21.79	22.80
		MID	64QAM	21.61	22.31	21.84	22.80
		HIGH	64QAM	21.90	22.08	21.93	22.80
	8	LOW	64QAM	20.96	20.97	21.01	22.80
		MID	64QAM	21.00	20.88	20.86	22.80
		HIGH	64QAM	20.86	20.91	20.90	22.80
	15	LOW	64QAM	20.71	20.76	20.86	21.80

LTE B5-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.80
		MID	QPSK	24.01	23.86	23.89	24.80
		HIGH	QPSK	24.06	23.87	23.89	24.80
	12	LOW	QPSK	22.83	22.84	22.98	23.80
		MID	QPSK	22.83	22.81	22.88	23.80
		HIGH	QPSK	22.76	22.82	22.88	23.80
	25	LOW	QPSK	22.83	22.81	22.87	23.80
5	1	LOW	Q16	23.07	23.40	22.89	23.80
		MID	Q16	23.13	23.40	22.87	23.80
		HIGH	Q16	23.19	23.38	22.92	23.80
	12	LOW	Q16	21.89	21.94	22.02	22.80
		MID	Q16	21.86	21.95	21.90	22.80
		HIGH	Q16	21.84	21.91	21.92	22.80
	25	LOW	Q16	21.87	21.87	21.84	22.80
5	1	LOW	64QAM	22.12	22.31	21.91	22.80
		MID	64QAM	22.06	22.40	21.90	22.80
		HIGH	64QAM	22.20	22.45	21.93	22.80
	12	LOW	64QAM	21.03	20.86	21.07	21.80
		MID	64QAM	20.94	20.85	20.88	21.80
		HIGH	64QAM	20.99	20.96	20.85	21.80
	25	LOW	64QAM	20.87	20.93	20.84	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.80
		MID	QPSK	23.88	23.82	23.71	24.80
		HIGH	QPSK	23.86	23.89	23.75	24.80
	25	LOW	QPSK	22.87	22.84	22.70	23.80
		MID	QPSK	22.83	22.78	22.73	23.80
		HIGH	QPSK	22.83	22.88	22.71	23.80
	50	LOW	QPSK	22.86	22.86	22.78	23.80
10	1	LOW	Q16	22.70	23.16	22.67	23.80
		MID	Q16	22.76	23.20	22.72	23.80
		HIGH	Q16	22.73	23.22	22.78	23.80
	25	LOW	Q16	21.92	21.86	21.78	22.80
		MID	Q16	21.83	21.87	21.81	22.80
		HIGH	Q16	21.86	21.94	21.81	22.80
	50	LOW	Q16	21.84	21.88	21.76	22.80
10	1	LOW	64QAM	21.75	22.07	21.76	22.80
		MID	64QAM	21.86	22.25	21.83	22.80
		HIGH	64QAM	21.81	22.11	21.87	22.80
	25	LOW	64QAM	20.77	20.75	20.64	21.80
		MID	64QAM	20.95	20.74	20.75	21.80
		HIGH	64QAM	20.86	21.09	20.70	21.80
	50	LOW	64QAM	20.85	21.03	20.85	21.80

LTE B5-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.80
		MID	QPSK	23.70	23.73	23.78	24.80
		HIGH	QPSK	23.72	23.75	23.76	24.80
	3	LOW	QPSK	23.84	23.78	23.85	24.80
		MID	QPSK	23.83	23.79	23.85	24.80
		HIGH	QPSK	23.81	23.74	23.84	24.80
	6	LOW	QPSK	22.81	22.84	22.86	23.80
1.4	1	LOW	Q16	22.93	23.20	22.89	23.80
		MID	Q16	22.93	23.17	22.89	23.80
		HIGH	Q16	22.91	23.22	22.91	23.80
	3	LOW	Q16	22.85	23.00	22.99	23.80
		MID	Q16	22.84	22.93	23.00	23.80
		HIGH	Q16	22.82	22.95	22.99	23.80
	6	LOW	Q16	21.93	21.68	22.00	22.80
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.80
		MID	64QAM	22.02	22.07	21.79	22.80
		HIGH	64QAM	21.84	22.21	22.05	22.80
	3	LOW	64QAM	21.75	22.10	22.12	22.80
		MID	64QAM	21.88	22.07	22.01	22.80
		HIGH	64QAM	21.72	21.92	21.95	22.80
	6	LOW	64QAM	21.05	20.71	21.13	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.80
		MID	QPSK	23.81	23.81	23.82	24.80
		HIGH	QPSK	23.88	23.77	23.81	24.80
	8	LOW	QPSK	22.79	22.78	22.88	23.80
		MID	QPSK	22.79	22.81	22.88	23.80
		HIGH	QPSK	22.80	22.84	22.86	23.80
	15	LOW	QPSK	22.81	22.83	22.87	23.80
3	1	LOW	Q16	22.72	23.19	22.90	23.80
		MID	Q16	22.75	23.21	22.89	23.80
		HIGH	Q16	22.75	23.23	22.89	23.80
	8	LOW	Q16	21.92	21.88	21.92	22.80
		MID	Q16	21.94	21.92	21.92	22.80
		HIGH	Q16	21.90	21.90	21.91	22.80
	15	LOW	Q16	21.82	21.88	21.83	22.80
3	1	LOW	64QAM	21.75	22.20	21.79	22.80
		MID	64QAM	21.61	22.31	21.84	22.80
		HIGH	64QAM	21.90	22.08	21.93	22.80
	8	LOW	64QAM	20.96	20.97	21.01	22.80
		MID	64QAM	21.00	20.88	20.86	22.80
		HIGH	64QAM	20.86	20.91	20.90	22.80
	15	LOW	64QAM	20.71	20.76	20.86	21.80

LTE B5-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.80
		MID	QPSK	24.01	23.86	23.89	24.80
		HIGH	QPSK	24.06	23.87	23.89	24.80
	12	LOW	QPSK	22.83	22.84	22.98	23.80
		MID	QPSK	22.83	22.81	22.88	23.80
		HIGH	QPSK	22.76	22.82	22.88	23.80
	25	LOW	QPSK	22.83	22.81	22.87	23.80
5	1	LOW	Q16	23.07	23.40	22.89	23.80
		MID	Q16	23.13	23.40	22.87	23.80
		HIGH	Q16	23.19	23.38	22.92	23.80
	12	LOW	Q16	21.89	21.94	22.02	22.80
		MID	Q16	21.86	21.95	21.90	22.80
		HIGH	Q16	21.84	21.91	21.92	22.80
	25	LOW	Q16	21.87	21.87	21.84	22.80
5	1	LOW	64QAM	22.12	22.31	21.91	22.80
		MID	64QAM	22.06	22.40	21.90	22.80
		HIGH	64QAM	22.20	22.45	21.93	22.80
	12	LOW	64QAM	21.03	20.86	21.07	21.80
		MID	64QAM	20.94	20.85	20.88	21.80
		HIGH	64QAM	20.99	20.96	20.85	21.80
	25	LOW	64QAM	20.87	20.93	20.84	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.80
		MID	QPSK	23.88	23.82	23.71	24.80
		HIGH	QPSK	23.86	23.89	23.75	24.80
	25	LOW	QPSK	22.87	22.84	22.70	23.80
		MID	QPSK	22.83	22.78	22.73	23.80
		HIGH	QPSK	22.83	22.88	22.71	23.80
	50	LOW	QPSK	22.86	22.86	22.78	23.80
10	1	LOW	Q16	22.70	23.16	22.67	23.80
		MID	Q16	22.76	23.20	22.72	23.80
		HIGH	Q16	22.73	23.22	22.78	23.80
	25	LOW	Q16	21.92	21.86	21.78	22.80
		MID	Q16	21.83	21.87	21.81	22.80
		HIGH	Q16	21.86	21.94	21.81	22.80
	50	LOW	Q16	21.84	21.88	21.76	22.80
10	1	LOW	64QAM	21.75	22.07	21.76	22.80
		MID	64QAM	21.86	22.25	21.83	22.80
		HIGH	64QAM	21.81	22.11	21.87	22.80
	25	LOW	64QAM	20.77	20.75	20.64	21.80
		MID	64QAM	20.95	20.74	20.75	21.80
		HIGH	64QAM	20.86	21.09	20.70	21.80
	50	LOW	64QAM	20.85	21.03	20.85	21.80

LTE B5-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.80
		MID	QPSK	23.70	23.73	23.78	24.80
		HIGH	QPSK	23.72	23.75	23.76	24.80
	3	LOW	QPSK	23.84	23.78	23.85	24.80
		MID	QPSK	23.83	23.79	23.85	24.80
		HIGH	QPSK	23.81	23.74	23.84	24.80
	6	LOW	QPSK	22.81	22.84	22.86	23.80
1.4	1	LOW	Q16	22.93	23.20	22.89	23.80
		MID	Q16	22.93	23.17	22.89	23.80
		HIGH	Q16	22.91	23.22	22.91	23.80
	3	LOW	Q16	22.85	23.00	22.99	23.80
		MID	Q16	22.84	22.93	23.00	23.80
		HIGH	Q16	22.82	22.95	22.99	23.80
	6	LOW	Q16	21.93	21.68	22.00	22.80
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.80
		MID	64QAM	22.02	22.07	21.79	22.80
		HIGH	64QAM	21.84	22.21	22.05	22.80
	3	LOW	64QAM	21.75	22.10	22.12	22.80
		MID	64QAM	21.88	22.07	22.01	22.80
		HIGH	64QAM	21.72	21.92	21.95	22.80
	6	LOW	64QAM	21.05	20.71	21.13	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.80
		MID	QPSK	23.81	23.81	23.82	24.80
		HIGH	QPSK	23.88	23.77	23.81	24.80
	8	LOW	QPSK	22.79	22.78	22.88	23.80
		MID	QPSK	22.79	22.81	22.88	23.80
		HIGH	QPSK	22.80	22.84	22.86	23.80
	15	LOW	QPSK	22.81	22.83	22.87	23.80
3	1	LOW	Q16	22.72	23.19	22.90	23.80
		MID	Q16	22.75	23.21	22.89	23.80
		HIGH	Q16	22.75	23.23	22.89	23.80
	8	LOW	Q16	21.92	21.88	21.92	22.80
		MID	Q16	21.94	21.92	21.92	22.80
		HIGH	Q16	21.90	21.90	21.91	22.80
	15	LOW	Q16	21.82	21.88	21.83	22.80
3	1	LOW	64QAM	21.75	22.20	21.79	22.80
		MID	64QAM	21.61	22.31	21.84	22.80
		HIGH	64QAM	21.90	22.08	21.93	22.80
	8	LOW	64QAM	20.96	20.97	21.01	22.80
		MID	64QAM	21.00	20.88	20.86	22.80
		HIGH	64QAM	20.86	20.91	20.90	22.80
	15	LOW	64QAM	20.71	20.76	20.86	21.80

LTE B5-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.80
		MID	QPSK	24.01	23.86	23.89	24.80
		HIGH	QPSK	24.06	23.87	23.89	24.80
	12	LOW	QPSK	22.83	22.84	22.98	23.80
		MID	QPSK	22.83	22.81	22.88	23.80
		HIGH	QPSK	22.76	22.82	22.88	23.80
	25	LOW	QPSK	22.83	22.81	22.87	23.80
5	1	LOW	Q16	23.07	23.40	22.89	23.80
		MID	Q16	23.13	23.40	22.87	23.80
		HIGH	Q16	23.19	23.38	22.92	23.80
	12	LOW	Q16	21.89	21.94	22.02	22.80
		MID	Q16	21.86	21.95	21.90	22.80
		HIGH	Q16	21.84	21.91	21.92	22.80
	25	LOW	Q16	21.87	21.87	21.84	22.80
5	1	LOW	64QAM	22.12	22.31	21.91	22.80
		MID	64QAM	22.06	22.40	21.90	22.80
		HIGH	64QAM	22.20	22.45	21.93	22.80
	12	LOW	64QAM	21.03	20.86	21.07	21.80
		MID	64QAM	20.94	20.85	20.88	21.80
		HIGH	64QAM	20.99	20.96	20.85	21.80
	25	LOW	64QAM	20.87	20.93	20.84	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.80
		MID	QPSK	23.88	23.82	23.71	24.80
		HIGH	QPSK	23.86	23.89	23.75	24.80
	25	LOW	QPSK	22.87	22.84	22.70	23.80
		MID	QPSK	22.83	22.78	22.73	23.80
		HIGH	QPSK	22.83	22.88	22.71	23.80
	50	LOW	QPSK	22.86	22.86	22.78	23.80
10	1	LOW	Q16	22.70	23.16	22.67	23.80
		MID	Q16	22.76	23.20	22.72	23.80
		HIGH	Q16	22.73	23.22	22.78	23.80
	25	LOW	Q16	21.92	21.86	21.78	22.80
		MID	Q16	21.83	21.87	21.81	22.80
		HIGH	Q16	21.86	21.94	21.81	22.80
	50	LOW	Q16	21.84	21.88	21.76	22.80
10	1	LOW	64QAM	21.75	22.07	21.76	22.80
		MID	64QAM	21.86	22.25	21.83	22.80
		HIGH	64QAM	21.81	22.11	21.87	22.80
	25	LOW	64QAM	20.77	20.75	20.64	21.80
		MID	64QAM	20.95	20.74	20.75	21.80
		HIGH	64QAM	20.86	21.09	20.70	21.80
	50	LOW	64QAM	20.85	21.03	20.85	21.80

LTE B5-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.80
		MID	QPSK	23.70	23.73	23.78	24.80
		HIGH	QPSK	23.72	23.75	23.76	24.80
	3	LOW	QPSK	23.84	23.78	23.85	24.80
		MID	QPSK	23.83	23.79	23.85	24.80
		HIGH	QPSK	23.81	23.74	23.84	24.80
	6	LOW	QPSK	22.81	22.84	22.86	23.80
1.4	1	LOW	Q16	22.93	23.20	22.89	23.80
		MID	Q16	22.93	23.17	22.89	23.80
		HIGH	Q16	22.91	23.22	22.91	23.80
	3	LOW	Q16	22.85	23.00	22.99	23.80
		MID	Q16	22.84	22.93	23.00	23.80
		HIGH	Q16	22.82	22.95	22.99	23.80
	6	LOW	Q16	21.93	21.68	22.00	22.80
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.80
		MID	64QAM	22.02	22.07	21.79	22.80
		HIGH	64QAM	21.84	22.21	22.05	22.80
	3	LOW	64QAM	21.75	22.10	22.12	22.80
		MID	64QAM	21.88	22.07	22.01	22.80
		HIGH	64QAM	21.72	21.92	21.95	22.80
	6	LOW	64QAM	21.05	20.71	21.13	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.80
		MID	QPSK	23.81	23.81	23.82	24.80
		HIGH	QPSK	23.88	23.77	23.81	24.80
	8	LOW	QPSK	22.79	22.78	22.88	23.80
		MID	QPSK	22.79	22.81	22.88	23.80
		HIGH	QPSK	22.80	22.84	22.86	23.80
	15	LOW	QPSK	22.81	22.83	22.87	23.80
3	1	LOW	Q16	22.72	23.19	22.90	23.80
		MID	Q16	22.75	23.21	22.89	23.80
		HIGH	Q16	22.75	23.23	22.89	23.80
	8	LOW	Q16	21.92	21.88	21.92	22.80
		MID	Q16	21.94	21.92	21.92	22.80
		HIGH	Q16	21.90	21.90	21.91	22.80
	15	LOW	Q16	21.82	21.88	21.83	22.80
3	1	LOW	64QAM	21.75	22.20	21.79	22.80
		MID	64QAM	21.61	22.31	21.84	22.80
		HIGH	64QAM	21.90	22.08	21.93	22.80
	8	LOW	64QAM	20.96	20.97	21.01	22.80
		MID	64QAM	21.00	20.88	20.86	22.80
		HIGH	64QAM	20.86	20.91	20.90	22.80
	15	LOW	64QAM	20.71	20.76	20.86	21.80

LTE B5-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.80
		MID	QPSK	24.01	23.86	23.89	24.80
		HIGH	QPSK	24.06	23.87	23.89	24.80
	12	LOW	QPSK	22.83	22.84	22.98	23.80
		MID	QPSK	22.83	22.81	22.88	23.80
		HIGH	QPSK	22.76	22.82	22.88	23.80
	25	LOW	QPSK	22.83	22.81	22.87	23.80
5	1	LOW	Q16	23.07	23.40	22.89	23.80
		MID	Q16	23.13	23.40	22.87	23.80
		HIGH	Q16	23.19	23.38	22.92	23.80
	12	LOW	Q16	21.89	21.94	22.02	22.80
		MID	Q16	21.86	21.95	21.90	22.80
		HIGH	Q16	21.84	21.91	21.92	22.80
	25	LOW	Q16	21.87	21.87	21.84	22.80
5	1	LOW	64QAM	22.12	22.31	21.91	22.80
		MID	64QAM	22.06	22.40	21.90	22.80
		HIGH	64QAM	22.20	22.45	21.93	22.80
	12	LOW	64QAM	21.03	20.86	21.07	21.80
		MID	64QAM	20.94	20.85	20.88	21.80
		HIGH	64QAM	20.99	20.96	20.85	21.80
	25	LOW	64QAM	20.87	20.93	20.84	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.80
		MID	QPSK	23.88	23.82	23.71	24.80
		HIGH	QPSK	23.86	23.89	23.75	24.80
	25	LOW	QPSK	22.87	22.84	22.70	23.80
		MID	QPSK	22.83	22.78	22.73	23.80
		HIGH	QPSK	22.83	22.88	22.71	23.80
	50	LOW	QPSK	22.86	22.86	22.78	23.80
10	1	LOW	Q16	22.70	23.16	22.67	23.80
		MID	Q16	22.76	23.20	22.72	23.80
		HIGH	Q16	22.73	23.22	22.78	23.80
	25	LOW	Q16	21.92	21.86	21.78	22.80
		MID	Q16	21.83	21.87	21.81	22.80
		HIGH	Q16	21.86	21.94	21.81	22.80
	50	LOW	Q16	21.84	21.88	21.76	22.80
10	1	LOW	64QAM	21.75	22.07	21.76	22.80
		MID	64QAM	21.86	22.25	21.83	22.80
		HIGH	64QAM	21.81	22.11	21.87	22.80
	25	LOW	64QAM	20.77	20.75	20.64	21.80
		MID	64QAM	20.95	20.74	20.75	21.80
		HIGH	64QAM	20.86	21.09	20.70	21.80
	50	LOW	64QAM	20.85	21.03	20.85	21.80

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.68	22.68	22.73	23.70
		MID	QPSK	22.71	22.69	22.75	23.70
		HIGH	QPSK	22.70	22.70	22.77	23.70
	12	LOW	QPSK	21.60	21.67	21.78	22.70
		MID	QPSK	21.53	21.66	21.75	22.70
		HIGH	QPSK	21.55	21.59	21.73	22.70
	25	LOW	QPSK	21.56	21.66	21.75	22.70
5	1	LOW	Q16	21.85	22.18	21.77	22.70
		MID	Q16	21.79	22.20	21.74	22.70
		HIGH	Q16	21.81	22.20	21.74	22.70
	12	LOW	Q16	20.64	20.81	20.83	21.70
		MID	Q16	20.62	20.75	20.79	21.70
		HIGH	Q16	20.63	20.74	20.77	21.70
	25	LOW	Q16	20.61	20.68	20.71	21.70
5	1	LOW	64QAM	20.81	21.11	20.76	21.70
		MID	64QAM	20.82	21.26	20.63	21.70
		HIGH	64QAM	20.80	21.09	20.75	21.70
	12	LOW	64QAM	19.51	19.82	19.91	20.70
		MID	64QAM	19.72	19.66	19.87	20.70
		HIGH	64QAM	19.78	19.69	19.72	20.70
	25	LOW	64QAM	19.48	19.81	19.82	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.56	22.67	22.61	23.70
		MID	QPSK	22.55	22.66	22.70	23.70
		HIGH	QPSK	22.55	22.67	22.72	23.70
	25	LOW	QPSK	21.53	21.70	21.73	22.70
		MID	QPSK	21.55	21.67	21.75	22.70
		HIGH	QPSK	21.61	21.68	21.82	22.70
	50	LOW	QPSK	21.59	21.72	21.77	22.70
10	1	LOW	Q16	21.50	22.04	21.67	22.70
		MID	Q16	21.47	22.03	21.73	22.70
		HIGH	Q16	21.47	22.03	21.71	22.70
	25	LOW	Q16	20.57	20.73	20.83	21.70
		MID	Q16	20.60	20.70	20.86	21.70
		HIGH	Q16	20.65	20.76	20.89	21.70
	50	LOW	Q16	20.54	20.69	20.77	21.70
10	1	LOW	64QAM	20.49	21.08	20.73	21.70
		MID	64QAM	20.37	20.90	20.82	21.70
		HIGH	64QAM	20.42	21.05	20.60	21.70
	25	LOW	64QAM	19.43	19.65	19.77	20.70
		MID	64QAM	19.54	19.76	19.87	20.70
		HIGH	64QAM	19.76	19.72	19.96	20.70
	50	LOW	64QAM	19.61	19.54	19.69	20.70

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.53	23.70
		MID	QPSK	22.51	22.64	22.64	23.70
		HIGH	QPSK	22.47	22.62	22.62	23.70
	36	LOW	QPSK	21.50	21.67	21.67	22.70
		MID	QPSK	21.49	21.67	21.69	22.70
		HIGH	QPSK	21.52	21.60	21.75	22.70
	75	LOW	QPSK	21.50	21.64	21.69	22.70
15	1	LOW	Q16	21.44	21.96	22.03	22.70
		MID	Q16	21.44	22.05	22.08	22.70
		HIGH	Q16	21.40	21.96	21.99	22.70
	36	LOW	Q16	20.48	20.72	20.68	21.70
		MID	Q16	20.50	20.71	20.68	21.70
		HIGH	Q16	20.54	20.67	20.75	21.70
	75	LOW	Q16	20.48	20.63	20.65	21.70
15	1	LOW	64QAM	20.30	21.10	21.04	21.70
		MID	64QAM	20.41	20.91	20.94	21.70
		HIGH	64QAM	20.30	21.07	20.98	21.70
	36	LOW	64QAM	19.57	19.79	19.66	20.70
		MID	64QAM	19.63	19.72	19.54	20.70
		HIGH	64QAM	19.57	19.52	19.69	20.70
	75	LOW	64QAM	19.57	19.61	19.76	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.45	22.52	22.48	23.70
		MID	QPSK	22.52	22.67	22.65	23.70
		HIGH	QPSK	22.45	22.65	22.63	23.70
	50	LOW	QPSK	21.44	21.68	21.77	22.70
		MID	QPSK	21.60	21.71	21.74	22.70
		HIGH	QPSK	21.58	21.67	21.76	22.70
	100	LOW	QPSK	21.54	21.64	21.72	22.70
20	1	LOW	Q16	22.05	21.98	21.95	22.70
		MID	Q16	22.08	22.13	22.10	22.70
		HIGH	Q16	22.02	22.07	22.10	22.70
	50	LOW	Q16	20.47	20.68	20.70	21.70
		MID	Q16	20.59	20.75	20.70	21.70
		HIGH	Q16	20.55	20.67	20.73	21.70
	100	LOW	Q16	20.52	20.64	20.68	21.70
20	1	LOW	64QAM	21.13	20.91	21.06	21.70
		MID	64QAM	21.16	21.00	21.01	21.70
		HIGH	64QAM	21.00	21.02	21.17	21.70
	50	LOW	64QAM	19.41	19.69	19.70	20.70
		MID	64QAM	19.62	19.65	19.57	20.70
		HIGH	64QAM	19.67	19.61	19.65	20.70
	100	LOW	64QAM	19.40	19.66	19.68	20.70

LTE B7-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	16.41	16.63	16.48	18.20
		MID	QPSK	16.57	16.88	16.84	18.20
		HIGH	QPSK	16.51	16.64	16.59	18.20
	12	LOW	QPSK	16.60	16.82	16.73	18.20
		MID	QPSK	16.60	16.76	16.89	18.20
		HIGH	QPSK	16.61	16.76	16.68	18.20
	25	LOW	QPSK	16.74	16.66	16.94	18.20
5	1	LOW	Q16	16.85	16.76	16.96	18.20
		MID	Q16	16.87	17.29	17.15	18.20
		HIGH	Q16	16.91	17.03	16.81	18.20
	12	LOW	Q16	16.62	16.93	16.93	18.20
		MID	Q16	16.84	16.72	16.73	18.20
		HIGH	Q16	16.69	16.86	16.90	18.20
	25	LOW	Q16	16.73	16.83	16.73	18.20
5	1	LOW	64QAM	16.80	17.04	16.87	18.20
		MID	64QAM	17.06	17.17	17.21	18.20
		HIGH	64QAM	17.01	17.13	16.88	18.20
	12	LOW	64QAM	16.49	16.86	16.89	18.20
		MID	64QAM	16.69	16.93	16.95	18.20
		HIGH	64QAM	16.57	16.72	16.68	18.20
	25	LOW	64QAM	16.53	16.89	16.74	18.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	16.39	16.62	16.64	18.20
		MID	QPSK	16.43	16.67	16.72	18.20
		HIGH	QPSK	16.62	16.76	16.62	18.20
	25	LOW	QPSK	16.48	16.74	16.70	18.20
		MID	QPSK	16.81	16.72	16.80	18.20
		HIGH	QPSK	16.52	16.79	16.82	18.20
	50	LOW	QPSK	16.57	16.72	16.72	18.20
10	1	LOW	Q16	16.79	17.08	16.89	18.20
		MID	Q16	16.88	16.97	16.81	18.20
		HIGH	Q16	16.97	17.07	17.00	18.20
	25	LOW	Q16	16.63	16.88	16.94	18.20
		MID	Q16	16.59	16.90	16.86	18.20
		HIGH	Q16	16.60	16.93	16.87	18.20
	50	LOW	Q16	16.69	16.94	16.75	18.20
10	1	LOW	64QAM	16.89	16.97	16.91	18.20
		MID	64QAM	16.80	16.93	16.84	18.20
		HIGH	64QAM	16.85	17.10	17.00	18.20
	25	LOW	64QAM	16.57	16.88	16.95	18.20
		MID	64QAM	16.85	16.95	16.83	18.20
		HIGH	64QAM	16.71	16.72	16.70	18.20
	50	LOW	64QAM	16.64	16.94	16.84	18.20

LTE B7-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	16.51	16.71	16.48	18.20
		MID	QPSK	16.59	16.77	16.73	18.20
		HIGH	QPSK	16.52	16.78	16.55	18.20
	36	LOW	QPSK	16.46	16.82	16.73	18.20
		MID	QPSK	16.81	16.83	16.84	18.20
		HIGH	QPSK	16.53	16.78	16.90	18.20
	75	LOW	QPSK	16.49	16.93	16.94	18.20
15	1	LOW	Q16	16.87	16.97	16.87	18.20
		MID	Q16	17.09	16.99	17.06	18.20
		HIGH	Q16	17.01	17.08	16.95	18.20
	36	LOW	Q16	16.47	16.92	16.98	18.20
		MID	Q16	16.56	16.75	16.84	18.20
		HIGH	Q16	16.66	16.71	16.92	18.20
	75	LOW	Q16	16.57	16.92	16.81	18.20
15	1	LOW	64QAM	16.86	16.93	16.88	18.20
		MID	64QAM	17.01	17.14	16.97	18.20
		HIGH	64QAM	16.99	17.02	16.97	18.20
	36	LOW	64QAM	16.46	16.96	16.88	18.20
		MID	64QAM	16.71	16.96	16.73	18.20
		HIGH	64QAM	16.52	16.73	16.81	18.20
	75	LOW	64QAM	16.74	16.81	16.78	18.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	16.50	16.61	16.58	18.20
		MID	QPSK	16.56	16.72	16.75	18.20
		HIGH	QPSK	16.51	16.74	16.67	18.20
	50	LOW	QPSK	16.59	16.79	16.86	18.20
		MID	QPSK	16.66	16.85	16.82	18.20
		HIGH	QPSK	16.65	16.83	16.82	18.20
	100	LOW	QPSK	16.62	16.81	16.82	18.20
20	1	LOW	Q16	16.88	17.09	17.02	18.20
		MID	Q16	16.88	17.28	17.21	18.20
		HIGH	Q16	16.93	17.21	17.16	18.20
	50	LOW	Q16	16.61	16.82	16.83	18.20
		MID	Q16	16.70	16.84	16.83	18.20
		HIGH	Q16	16.67	16.85	16.82	18.20
	100	LOW	Q16	16.66	16.79	16.81	18.20
20	1	LOW	64QAM	16.79	17.08	16.97	18.20
		MID	64QAM	17.02	17.14	17.08	18.20
		HIGH	64QAM	16.94	17.10	17.03	18.20
	50	LOW	64QAM	16.56	16.74	16.90	18.20
		MID	64QAM	16.77	16.77	16.68	18.20
		HIGH	64QAM	16.67	16.70	16.83	18.20
	100	LOW	64QAM	16.65	16.80	16.84	18.20

LTE B7-Level 2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.52	15.73	15.60	17.20
		MID	QPSK	15.77	15.94	15.91	17.20
		HIGH	QPSK	15.79	15.81	15.77	17.20
	12	LOW	QPSK	15.71	15.98	15.92	17.20
		MID	QPSK	15.71	16.03	16.07	17.20
		HIGH	QPSK	15.90	16.09	16.06	17.20
	25	LOW	QPSK	15.62	15.82	15.98	17.20
5	1	LOW	Q16	15.87	16.01	16.03	17.20
		MID	Q16	16.22	16.18	16.07	17.20
		HIGH	Q16	16.15	16.27	16.13	17.20
	12	LOW	Q16	15.76	15.78	15.95	17.20
		MID	Q16	15.71	15.86	16.00	17.20
		HIGH	Q16	15.92	15.88	15.98	17.20
	25	LOW	Q16	15.66	15.92	15.85	17.20
5	1	LOW	64QAM	15.99	16.02	16.02	17.20
		MID	64QAM	16.26	16.36	16.36	17.20
		HIGH	64QAM	16.14	16.20	16.12	17.20
	12	LOW	64QAM	15.66	15.99	15.95	17.20
		MID	64QAM	15.95	16.12	16.04	17.20
		HIGH	64QAM	15.69	15.89	16.06	17.20
	25	LOW	64QAM	15.72	16.08	15.93	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.63	15.72	15.76	17.20
		MID	QPSK	15.77	15.86	15.86	17.20
		HIGH	QPSK	15.76	15.99	15.95	17.20
	25	LOW	QPSK	15.70	15.82	15.80	17.20
		MID	QPSK	15.81	15.83	15.94	17.20
		HIGH	QPSK	15.77	15.86	15.95	17.20
	50	LOW	QPSK	15.85	15.85	15.85	17.20
10	1	LOW	Q16	15.99	16.20	15.91	17.20
		MID	Q16	16.24	16.05	16.26	17.20
		HIGH	Q16	16.21	16.26	16.27	17.20
	25	LOW	Q16	15.88	16.05	15.91	17.20
		MID	Q16	15.81	15.93	15.88	17.20
		HIGH	Q16	15.93	15.99	15.96	17.20
	50	LOW	Q16	15.83	15.89	15.93	17.20
10	1	LOW	64QAM	16.12	16.07	16.19	17.20
		MID	64QAM	16.09	16.00	16.34	17.20
		HIGH	64QAM	16.24	16.19	16.33	17.20
	25	LOW	64QAM	15.83	15.77	15.81	17.20
		MID	64QAM	15.86	16.06	16.03	17.20
		HIGH	64QAM	15.64	15.92	15.82	17.20
	50	LOW	64QAM	15.74	16.07	15.91	17.20

LTE B7-Level 2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.77	15.74	15.71	17.20
		MID	QPSK	15.81	15.94	15.98	17.20
		HIGH	QPSK	15.52	15.74	15.87	17.20
	36	LOW	QPSK	15.59	15.86	15.89	17.20
		MID	QPSK	15.79	16.11	16.02	17.20
		HIGH	QPSK	15.92	15.98	16.00	17.20
	75	LOW	QPSK	15.68	15.86	15.94	17.20
15	1	LOW	Q16	16.15	15.91	16.03	17.20
		MID	Q16	16.01	16.29	16.43	17.20
		HIGH	Q16	15.84	16.09	16.32	17.20
	36	LOW	Q16	15.79	15.80	16.04	17.20
		MID	Q16	15.85	16.03	15.99	17.20
		HIGH	Q16	15.78	15.85	16.04	17.20
	75	LOW	Q16	15.93	16.03	15.85	17.20
15	1	LOW	64QAM	16.08	16.10	16.05	17.20
		MID	64QAM	16.06	16.23	16.48	17.20
		HIGH	64QAM	15.70	16.02	16.30	17.20
	36	LOW	64QAM	15.69	15.95	16.03	17.20
		MID	64QAM	15.67	15.94	16.09	17.20
		HIGH	64QAM	15.78	16.09	15.97	17.20
	75	LOW	64QAM	15.77	16.01	15.82	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.63	15.73	15.73	17.20
		MID	QPSK	15.72	15.82	15.88	17.20
		HIGH	QPSK	15.64	15.87	15.83	17.20
	50	LOW	QPSK	15.71	15.90	15.95	17.20
		MID	QPSK	15.79	15.96	15.98	17.20
		HIGH	QPSK	15.77	15.96	15.96	17.20
	100	LOW	QPSK	15.74	15.94	15.95	17.20
20	1	LOW	Q16	15.85	16.15	16.18	17.20
		MID	Q16	16.02	16.33	16.33	17.20
		HIGH	Q16	16.11	16.27	16.27	17.20
	50	LOW	Q16	15.74	15.92	15.94	17.20
		MID	Q16	15.81	15.98	15.97	17.20
		HIGH	Q16	15.78	15.95	15.92	17.20
	100	LOW	Q16	15.78	15.93	15.94	17.20
20	1	LOW	64QAM	15.79	16.09	16.23	17.20
		MID	64QAM	15.94	16.32	16.19	17.20
		HIGH	64QAM	16.02	16.17	16.17	17.20
	50	LOW	64QAM	15.81	15.81	16.06	17.20
		MID	64QAM	15.88	15.98	15.92	17.20
		HIGH	64QAM	15.85	16.10	15.89	17.20
	100	LOW	64QAM	15.65	15.80	16.08	17.20

LTE B7-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.68	22.68	22.73	23.70
		MID	QPSK	22.71	22.69	22.75	23.70
		HIGH	QPSK	22.70	22.70	22.77	23.70
	12	LOW	QPSK	21.60	21.67	21.78	22.70
		MID	QPSK	21.53	21.66	21.75	22.70
		HIGH	QPSK	21.55	21.59	21.73	22.70
	25	LOW	QPSK	21.56	21.66	21.75	22.70
5	1	LOW	Q16	21.85	22.18	21.77	22.70
		MID	Q16	21.79	22.20	21.74	22.70
		HIGH	Q16	21.81	22.20	21.74	22.70
	12	LOW	Q16	20.64	20.81	20.83	21.70
		MID	Q16	20.62	20.75	20.79	21.70
		HIGH	Q16	20.63	20.74	20.77	21.70
	25	LOW	Q16	20.61	20.68	20.71	21.70
5	1	LOW	64QAM	20.81	21.11	20.76	21.70
		MID	64QAM	20.82	21.26	20.63	21.70
		HIGH	64QAM	20.80	21.09	20.75	21.70
	12	LOW	64QAM	19.51	19.82	19.91	20.70
		MID	64QAM	19.72	19.66	19.87	20.70
		HIGH	64QAM	19.78	19.69	19.72	20.70
	25	LOW	64QAM	19.48	19.81	19.82	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.56	22.67	22.61	23.70
		MID	QPSK	22.55	22.66	22.70	23.70
		HIGH	QPSK	22.55	22.67	22.72	23.70
	25	LOW	QPSK	21.53	21.70	21.73	22.70
		MID	QPSK	21.55	21.67	21.75	22.70
		HIGH	QPSK	21.61	21.68	21.82	22.70
	50	LOW	QPSK	21.59	21.72	21.77	22.70
10	1	LOW	Q16	21.50	22.04	21.67	22.70
		MID	Q16	21.47	22.03	21.73	22.70
		HIGH	Q16	21.47	22.03	21.71	22.70
	25	LOW	Q16	20.57	20.73	20.83	21.70
		MID	Q16	20.60	20.70	20.86	21.70
		HIGH	Q16	20.65	20.76	20.89	21.70
	50	LOW	Q16	20.54	20.69	20.77	21.70
10	1	LOW	64QAM	20.49	21.08	20.73	21.70
		MID	64QAM	20.37	20.90	20.82	21.70
		HIGH	64QAM	20.42	21.05	20.60	21.70
	25	LOW	64QAM	19.43	19.65	19.77	20.70
		MID	64QAM	19.54	19.76	19.87	20.70
		HIGH	64QAM	19.76	19.72	19.96	20.70
	50	LOW	64QAM	19.61	19.54	19.69	20.70

LTE B7-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.53	23.70
		MID	QPSK	22.51	22.64	22.64	23.70
		HIGH	QPSK	22.47	22.62	22.62	23.70
	36	LOW	QPSK	21.50	21.67	21.67	22.70
		MID	QPSK	21.49	21.67	21.69	22.70
		HIGH	QPSK	21.52	21.60	21.75	22.70
	75	LOW	QPSK	21.50	21.64	21.69	22.70
15	1	LOW	Q16	21.44	21.96	22.03	22.70
		MID	Q16	21.44	22.05	22.08	22.70
		HIGH	Q16	21.40	21.96	21.99	22.70
	36	LOW	Q16	20.48	20.72	20.68	21.70
		MID	Q16	20.50	20.71	20.68	21.70
		HIGH	Q16	20.54	20.67	20.75	21.70
	75	LOW	Q16	20.48	20.63	20.65	21.70
15	1	LOW	64QAM	20.30	21.10	21.04	21.70
		MID	64QAM	20.41	20.91	20.94	21.70
		HIGH	64QAM	20.30	21.07	20.98	21.70
	36	LOW	64QAM	19.57	19.79	19.66	20.70
		MID	64QAM	19.63	19.72	19.54	20.70
		HIGH	64QAM	19.57	19.52	19.69	20.70
	75	LOW	64QAM	19.57	19.61	19.76	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.45	22.52	22.48	23.70
		MID	QPSK	22.52	22.67	22.65	23.70
		HIGH	QPSK	22.45	22.65	22.63	23.70
	50	LOW	QPSK	21.44	21.68	21.77	22.70
		MID	QPSK	21.60	21.71	21.74	22.70
		HIGH	QPSK	21.58	21.67	21.76	22.70
	100	LOW	QPSK	21.54	21.64	21.72	22.70
20	1	LOW	Q16	22.05	21.98	21.95	22.70
		MID	Q16	22.08	22.13	22.10	22.70
		HIGH	Q16	22.02	22.07	22.10	22.70
	50	LOW	Q16	20.47	20.68	20.70	21.70
		MID	Q16	20.59	20.75	20.70	21.70
		HIGH	Q16	20.55	20.67	20.73	21.70
	100	LOW	Q16	20.52	20.64	20.68	21.70
20	1	LOW	64QAM	21.13	20.91	21.06	21.70
		MID	64QAM	21.16	21.00	21.01	21.70
		HIGH	64QAM	21.00	21.02	21.17	21.70
	50	LOW	64QAM	19.41	19.69	19.70	20.70
		MID	64QAM	19.62	19.65	19.57	20.70
		HIGH	64QAM	19.67	19.61	19.65	20.70
	100	LOW	64QAM	19.40	19.66	19.68	20.70

LTE B7-Level 4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.94	20.76	21.02	22.70
		MID	QPSK	21.00	21.00	20.99	22.70
		HIGH	QPSK	20.91	20.86	20.98	22.70
	12	LOW	QPSK	20.91	21.13	21.16	22.70
		MID	QPSK	20.96	21.07	21.18	22.70
		HIGH	QPSK	20.87	21.22	21.01	22.70
	25	LOW	QPSK	21.08	21.11	21.07	22.70
5	1	LOW	Q16	21.21	20.94	21.44	22.70
		MID	Q16	21.26	21.46	21.33	22.70
		HIGH	Q16	21.25	21.30	21.23	22.70
	12	LOW	Q16	20.46	20.75	20.68	21.70
		MID	Q16	20.53	20.61	20.78	21.70
		HIGH	Q16	20.63	20.54	20.60	21.70
	25	LOW	Q16	20.59	20.52	20.68	21.70
5	1	LOW	64QAM	20.49	20.40	20.39	21.70
		MID	64QAM	20.32	20.59	20.57	21.70
		HIGH	64QAM	20.50	20.50	20.57	21.70
	12	LOW	64QAM	19.52	19.65	19.62	20.70
		MID	64QAM	19.43	19.56	19.62	20.70
		HIGH	64QAM	19.48	19.74	19.62	20.70
	25	LOW	64QAM	19.34	19.57	19.64	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.84	20.94	20.99	22.70
		MID	QPSK	21.08	21.21	21.17	22.70
		HIGH	QPSK	20.88	20.98	20.97	22.70
	25	LOW	QPSK	20.85	21.10	21.14	22.70
		MID	QPSK	20.99	21.14	21.09	22.70
		HIGH	QPSK	21.12	21.22	20.98	22.70
	50	LOW	QPSK	21.05	21.08	21.07	22.70
10	1	LOW	Q16	21.32	21.30	21.36	22.70
		MID	Q16	21.54	21.60	21.40	22.70
		HIGH	Q16	21.34	21.18	21.30	22.70
	25	LOW	Q16	20.50	20.74	20.64	21.70
		MID	Q16	20.53	20.77	20.66	21.70
		HIGH	Q16	20.48	20.48	20.56	21.70
	50	LOW	Q16	20.50	20.53	20.67	21.70
10	1	LOW	64QAM	20.21	20.22	20.61	21.70
		MID	64QAM	20.40	20.62	20.69	21.70
		HIGH	64QAM	20.35	20.31	20.62	21.70
	25	LOW	64QAM	19.52	19.73	19.55	20.70
		MID	64QAM	19.46	19.58	19.55	20.70
		HIGH	64QAM	19.45	19.58	19.68	20.70
	50	LOW	64QAM	19.56	19.49	19.78	20.70

LTE B7-Level 4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.99	20.80	20.93	22.70
		MID	QPSK	21.03	21.01	21.18	22.70
		HIGH	QPSK	20.83	20.95	20.96	22.70
	36	LOW	QPSK	20.74	21.13	21.23	22.70
		MID	QPSK	21.07	21.22	21.27	22.70
		HIGH	QPSK	20.84	21.07	21.21	22.70
	75	LOW	QPSK	20.81	21.10	20.94	22.70
15	1	LOW	Q16	21.37	21.25	21.24	22.70
		MID	Q16	21.33	21.42	21.66	22.70
		HIGH	Q16	21.07	21.44	21.31	22.70
	36	LOW	Q16	20.37	20.67	20.59	21.70
		MID	Q16	20.44	20.72	20.61	21.70
		HIGH	Q16	20.36	20.59	20.65	21.70
	75	LOW	Q16	20.40	20.65	20.64	21.70
15	1	LOW	64QAM	20.25	20.35	20.38	21.70
		MID	64QAM	20.44	20.40	20.76	21.70
		HIGH	64QAM	20.35	20.45	20.61	21.70
	36	LOW	64QAM	19.53	19.70	19.63	20.70
		MID	64QAM	19.43	19.74	19.82	20.70
		HIGH	64QAM	19.44	19.54	19.60	20.70
	75	LOW	64QAM	19.53	19.64	19.51	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.88	20.90	20.93	22.70
		MID	QPSK	20.95	21.09	21.09	22.70
		HIGH	QPSK	20.91	20.99	21.01	22.70
	50	LOW	QPSK	20.89	21.13	21.12	22.70
		MID	QPSK	20.99	21.18	21.19	22.70
		HIGH	QPSK	20.99	21.17	21.13	22.70
	100	LOW	QPSK	20.94	21.14	21.08	22.70
20	1	LOW	Q16	21.35	21.31	21.29	22.70
		MID	Q16	21.40	21.55	21.36	22.70
		HIGH	Q16	21.37	21.43	21.46	22.70
	50	LOW	Q16	20.41	20.62	20.70	21.70
		MID	Q16	20.50	20.64	20.68	21.70
		HIGH	Q16	20.48	20.63	20.71	21.70
	100	LOW	Q16	20.46	20.63	20.64	21.70
20	1	LOW	64QAM	20.23	20.21	20.62	21.70
		MID	64QAM	20.40	20.57	20.60	21.70
		HIGH	64QAM	20.22	20.56	20.69	21.70
	50	LOW	64QAM	19.55	19.52	19.70	20.70
		MID	64QAM	19.60	19.52	19.71	20.70
		HIGH	64QAM	19.39	19.58	19.63	20.70
	100	LOW	64QAM	19.60	19.63	19.79	20.70

LTE B7-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.68	22.68	22.73	23.70
		MID	QPSK	22.71	22.69	22.75	23.70
		HIGH	QPSK	22.70	22.70	22.77	23.70
	12	LOW	QPSK	21.60	21.67	21.78	22.70
		MID	QPSK	21.53	21.66	21.75	22.70
		HIGH	QPSK	21.55	21.59	21.73	22.70
	25	LOW	QPSK	21.56	21.66	21.75	22.70
5	1	LOW	Q16	21.85	22.18	21.77	22.70
		MID	Q16	21.79	22.20	21.74	22.70
		HIGH	Q16	21.81	22.20	21.74	22.70
	12	LOW	Q16	20.64	20.81	20.83	21.70
		MID	Q16	20.62	20.75	20.79	21.70
		HIGH	Q16	20.63	20.74	20.77	21.70
	25	LOW	Q16	20.61	20.68	20.71	21.70
5	1	LOW	64QAM	20.81	21.11	20.76	21.70
		MID	64QAM	20.82	21.26	20.63	21.70
		HIGH	64QAM	20.80	21.09	20.75	21.70
	12	LOW	64QAM	19.51	19.82	19.91	20.70
		MID	64QAM	19.72	19.66	19.87	20.70
		HIGH	64QAM	19.78	19.69	19.72	20.70
	25	LOW	64QAM	19.48	19.81	19.82	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.56	22.67	22.61	23.70
		MID	QPSK	22.55	22.66	22.70	23.70
		HIGH	QPSK	22.55	22.67	22.72	23.70
	25	LOW	QPSK	21.53	21.70	21.73	22.70
		MID	QPSK	21.55	21.67	21.75	22.70
		HIGH	QPSK	21.61	21.68	21.82	22.70
	50	LOW	QPSK	21.59	21.72	21.77	22.70
10	1	LOW	Q16	21.50	22.04	21.67	22.70
		MID	Q16	21.47	22.03	21.73	22.70
		HIGH	Q16	21.47	22.03	21.71	22.70
	25	LOW	Q16	20.57	20.73	20.83	21.70
		MID	Q16	20.60	20.70	20.86	21.70
		HIGH	Q16	20.65	20.76	20.89	21.70
	50	LOW	Q16	20.54	20.69	20.77	21.70
10	1	LOW	64QAM	20.49	21.08	20.73	21.70
		MID	64QAM	20.37	20.90	20.82	21.70
		HIGH	64QAM	20.42	21.05	20.60	21.70
	25	LOW	64QAM	19.43	19.65	19.77	20.70
		MID	64QAM	19.54	19.76	19.87	20.70
		HIGH	64QAM	19.76	19.72	19.96	20.70
	50	LOW	64QAM	19.61	19.54	19.69	20.70

LTE B7-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.53	23.70
		MID	QPSK	22.51	22.64	22.64	23.70
		HIGH	QPSK	22.47	22.62	22.62	23.70
	36	LOW	QPSK	21.50	21.67	21.67	22.70
		MID	QPSK	21.49	21.67	21.69	22.70
		HIGH	QPSK	21.52	21.60	21.75	22.70
	75	LOW	QPSK	21.50	21.64	21.69	22.70
15	1	LOW	Q16	21.44	21.96	22.03	22.70
		MID	Q16	21.44	22.05	22.08	22.70
		HIGH	Q16	21.40	21.96	21.99	22.70
	36	LOW	Q16	20.48	20.72	20.68	21.70
		MID	Q16	20.50	20.71	20.68	21.70
		HIGH	Q16	20.54	20.67	20.75	21.70
	75	LOW	Q16	20.48	20.63	20.65	21.70
15	1	LOW	64QAM	20.30	21.10	21.04	21.70
		MID	64QAM	20.41	20.91	20.94	21.70
		HIGH	64QAM	20.30	21.07	20.98	21.70
	36	LOW	64QAM	19.57	19.79	19.66	20.70
		MID	64QAM	19.63	19.72	19.54	20.70
		HIGH	64QAM	19.57	19.52	19.69	20.70
	75	LOW	64QAM	19.57	19.61	19.76	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.45	22.52	22.48	23.70
		MID	QPSK	22.52	22.67	22.65	23.70
		HIGH	QPSK	22.45	22.65	22.63	23.70
	50	LOW	QPSK	21.44	21.68	21.77	22.70
		MID	QPSK	21.60	21.71	21.74	22.70
		HIGH	QPSK	21.58	21.67	21.76	22.70
	100	LOW	QPSK	21.54	21.64	21.72	22.70
20	1	LOW	Q16	22.05	21.98	21.95	22.70
		MID	Q16	22.08	22.13	22.10	22.70
		HIGH	Q16	22.02	22.07	22.10	22.70
	50	LOW	Q16	20.47	20.68	20.70	21.70
		MID	Q16	20.59	20.75	20.70	21.70
		HIGH	Q16	20.55	20.67	20.73	21.70
	100	LOW	Q16	20.52	20.64	20.68	21.70
20	1	LOW	64QAM	21.13	20.91	21.06	21.70
		MID	64QAM	21.16	21.00	21.01	21.70
		HIGH	64QAM	21.00	21.02	21.17	21.70
	50	LOW	64QAM	19.41	19.69	19.70	20.70
		MID	64QAM	19.62	19.65	19.57	20.70
		HIGH	64QAM	19.67	19.61	19.65	20.70
	100	LOW	64QAM	19.40	19.66	19.68	20.70

LTE B7-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.89	21.04	21.06	22.20
		MID	QPSK	20.97	21.23	20.91	22.20
		HIGH	QPSK	20.83	21.00	21.08	22.20
	12	LOW	QPSK	21.03	21.08	21.02	22.20
		MID	QPSK	20.91	21.22	21.02	22.20
		HIGH	QPSK	20.85	21.30	21.08	22.20
	25	LOW	QPSK	21.04	21.03	21.01	22.20
5	1	LOW	Q16	21.26	21.53	21.30	22.20
		MID	Q16	21.42	21.54	21.19	22.20
		HIGH	Q16	21.21	21.21	21.35	22.20
	12	LOW	Q16	20.44	20.78	20.56	21.70
		MID	Q16	20.56	20.74	20.49	21.70
		HIGH	Q16	20.61	20.76	20.73	21.70
	25	LOW	Q16	20.60	20.58	20.66	21.70
5	1	LOW	64QAM	21.34	21.48	21.33	21.70
		MID	64QAM	21.47	21.60	21.06	21.70
		HIGH	64QAM	21.06	21.40	21.45	21.70
	12	LOW	64QAM	20.31	20.68	20.50	20.70
		MID	64QAM	20.49	20.70	20.38	20.70
		HIGH	64QAM	20.50	20.68	20.68	20.70
	25	LOW	64QAM	20.35	20.59	20.65	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.67	21.03	20.89	22.20
		MID	QPSK	21.02	21.06	21.00	22.20
		HIGH	QPSK	20.93	20.93	21.04	22.20
	25	LOW	QPSK	20.78	21.10	21.05	22.20
		MID	QPSK	20.88	21.22	21.01	22.20
		HIGH	QPSK	20.81	21.12	21.29	22.20
	50	LOW	QPSK	20.97	21.03	21.14	22.20
10	1	LOW	Q16	20.99	21.30	21.05	22.20
		MID	Q16	21.36	21.51	21.24	22.20
		HIGH	Q16	21.42	21.39	21.45	22.20
	25	LOW	Q16	20.51	20.77	20.78	21.70
		MID	Q16	20.37	20.68	20.58	21.70
		HIGH	Q16	20.55	20.79	20.62	21.70
	50	LOW	Q16	20.47	20.79	20.55	21.70
10	1	LOW	64QAM	20.89	21.51	21.04	21.70
		MID	64QAM	21.46	21.53	21.40	21.70
		HIGH	64QAM	21.37	21.32	21.35	21.70
	25	LOW	64QAM	20.59	20.59	20.62	20.70
		MID	64QAM	20.66	20.66	20.50	20.70
		HIGH	64QAM	20.53	20.62	20.59	20.70
	50	LOW	64QAM	20.58	20.70	20.70	20.70

LTE B7-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.67	20.89	20.92	22.20
		MID	QPSK	20.90	21.08	20.91	22.20
		HIGH	QPSK	20.73	21.06	21.15	22.20
	36	LOW	QPSK	20.86	21.15	21.14	22.20
		MID	QPSK	21.06	21.24	21.27	22.20
		HIGH	QPSK	20.93	21.30	21.21	22.20
	75	LOW	QPSK	20.79	21.24	21.00	22.20
15	1	LOW	Q16	21.10	21.34	21.31	22.20
		MID	Q16	21.35	21.48	21.31	22.20
		HIGH	Q16	21.17	21.51	21.51	22.20
	36	LOW	Q16	20.58	20.75	20.82	21.70
		MID	Q16	20.63	20.70	20.73	21.70
		HIGH	Q16	20.40	20.62	20.48	21.70
	75	LOW	Q16	20.51	20.62	20.51	21.70
15	1	LOW	64QAM	20.96	21.36	21.29	21.70
		MID	64QAM	21.40	21.50	21.24	21.70
		HIGH	64QAM	21.16	21.51	21.59	21.70
	36	LOW	64QAM	20.33	20.62	20.67	20.70
		MID	64QAM	20.65	20.63	20.50	20.70
		HIGH	64QAM	20.44	20.57	20.51	20.70
	75	LOW	64QAM	20.53	20.62	20.66	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.81	20.94	20.92	22.20
		MID	QPSK	20.91	21.06	21.06	22.20
		HIGH	QPSK	20.84	21.06	21.00	22.20
	50	LOW	QPSK	20.90	21.10	21.17	22.20
		MID	QPSK	20.97	21.16	21.15	22.20
		HIGH	QPSK	20.96	21.15	21.14	22.20
	100	LOW	QPSK	20.94	21.09	21.11	22.20
20	1	LOW	Q16	21.09	21.44	21.35	22.20
		MID	Q16	21.32	21.61	21.55	22.20
		HIGH	Q16	21.26	21.54	21.50	22.20
	50	LOW	Q16	20.44	20.67	20.68	21.70
		MID	Q16	20.52	20.69	20.64	21.70
		HIGH	Q16	20.51	20.70	20.63	21.70
	100	LOW	Q16	20.47	20.65	20.63	21.70
20	1	LOW	64QAM	21.11	21.40	21.26	21.70
		MID	64QAM	21.22	21.51	21.55	21.70
		HIGH	64QAM	21.15	21.46	21.35	21.70
	50	LOW	64QAM	20.40	20.66	20.64	20.70
		MID	64QAM	20.37	20.65	20.68	20.70
		HIGH	64QAM	20.40	20.62	20.58	20.70
	100	LOW	64QAM	20.40	20.69	20.63	20.70

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
	50	LOW	QPSK	21.33	21.41	21.41	23.00
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
	50	LOW	Q16	20.35	20.41	20.44	22.00
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
	100	LOW	QPSK	21.34	21.35	21.36	23.00
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
	100	LOW	Q16	20.34	20.33	20.35	22.00
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
	50	LOW	QPSK	21.33	21.41	21.41	23.00
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
	50	LOW	Q16	20.35	20.41	20.44	22.00
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
	100	LOW	QPSK	21.34	21.35	21.36	23.00
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
	100	LOW	Q16	20.34	20.33	20.35	22.00
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
	50	LOW	QPSK	21.33	21.41	21.41	23.00
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
	50	LOW	Q16	20.35	20.41	20.44	22.00
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
	100	LOW	QPSK	21.34	21.35	21.36	23.00
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
	100	LOW	Q16	20.34	20.33	20.35	22.00
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
	50	LOW	QPSK	21.33	21.41	21.41	23.00
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
	50	LOW	Q16	20.35	20.41	20.44	22.00
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
	100	LOW	QPSK	21.34	21.35	21.36	23.00
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
	100	LOW	Q16	20.34	20.33	20.35	22.00
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.21	22.38	22.43	23.00
		MID	QPSK	22.35	22.42	22.54	23.00
		HIGH	QPSK	22.41	22.36	22.28	23.00
	12	LOW	QPSK	22.55	22.49	22.42	23.00
		MID	QPSK	22.34	22.53	22.63	23.00
		HIGH	QPSK	22.33	22.43	22.55	23.00
	25	LOW	QPSK	22.54	22.56	22.46	23.00
5	1	LOW	Q16	22.64	22.72	22.39	23.00
		MID	Q16	22.26	22.88	22.76	23.00
		HIGH	Q16	22.87	22.29	22.74	23.00
	12	LOW	Q16	21.39	21.58	21.67	22.00
		MID	Q16	21.31	21.65	21.63	22.00
		HIGH	Q16	21.53	21.56	21.60	22.00
	25	LOW	Q16	21.29	21.69	21.44	22.00
5	1	LOW	64QAM	21.68	21.93	21.82	22.00
		MID	64QAM	21.81	21.85	21.94	22.00
		HIGH	64QAM	21.78	21.94	21.69	22.00
	12	LOW	64QAM	20.36	20.39	20.55	21.00
		MID	64QAM	20.43	20.48	20.56	21.00
		HIGH	64QAM	20.41	20.56	20.49	21.00
	25	LOW	64QAM	20.50	20.67	20.63	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.40	22.41	22.37	23.00
		MID	QPSK	22.58	22.36	22.57	23.00
		HIGH	QPSK	22.44	22.45	22.42	23.00
	25	LOW	QPSK	22.31	22.52	22.37	23.00
		MID	QPSK	22.42	22.59	22.52	23.00
		HIGH	QPSK	22.47	22.73	22.42	23.00
	50	LOW	QPSK	22.46	22.67	22.46	23.00
10	1	LOW	Q16	22.75	22.80	22.57	23.00
		MID	Q16	22.77	22.67	22.75	23.00
		HIGH	Q16	22.74	22.81	22.69	23.00
	25	LOW	Q16	21.50	21.56	21.48	22.00
		MID	Q16	21.58	21.40	21.42	22.00
		HIGH	Q16	21.28	21.56	21.52	22.00
	50	LOW	Q16	21.27	21.49	21.49	22.00
10	1	LOW	64QAM	21.86	21.79	21.81	22.00
		MID	64QAM	21.87	21.96	21.93	22.00
		HIGH	64QAM	21.91	21.71	21.91	22.00
	25	LOW	64QAM	20.53	20.40	20.47	21.00
		MID	64QAM	20.56	20.67	20.58	21.00
		HIGH	64QAM	20.41	20.58	20.39	21.00
	50	LOW	64QAM	20.23	20.67	20.53	21.00

LTE B7-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.27	22.20	22.14	23.00
		MID	QPSK	22.49	22.46	22.44	23.00
		HIGH	QPSK	22.28	22.47	22.24	23.00
	36	LOW	QPSK	22.27	22.61	22.56	23.00
		MID	QPSK	22.49	22.74	22.64	23.00
		HIGH	QPSK	22.30	22.61	22.55	23.00
	75	LOW	QPSK	22.32	22.46	22.43	23.00
15	1	LOW	Q16	22.36	22.52	22.48	23.00
		MID	Q16	22.98	22.72	22.90	23.00
		HIGH	Q16	22.44	22.86	22.64	23.00
	36	LOW	Q16	21.52	21.58	21.44	22.00
		MID	Q16	21.54	21.52	21.67	22.00
		HIGH	Q16	21.28	21.46	21.57	22.00
	75	LOW	Q16	21.51	21.52	21.39	22.00
15	1	LOW	64QAM	21.86	21.94	21.44	22.00
		MID	64QAM	21.71	21.80	21.95	22.00
		HIGH	64QAM	21.74	21.85	21.81	22.00
	36	LOW	64QAM	20.49	20.43	20.70	21.00
		MID	64QAM	20.37	20.59	20.45	21.00
		HIGH	64QAM	20.49	20.66	20.64	21.00
	75	LOW	64QAM	20.28	20.67	20.51	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.36	22.35	22.29	23.00
		MID	QPSK	22.47	22.40	22.46	23.00
		HIGH	QPSK	22.38	22.40	22.36	23.00
	50	LOW	QPSK	22.41	22.58	22.48	23.00
		MID	QPSK	22.45	22.62	22.63	23.00
		HIGH	QPSK	22.42	22.58	22.52	23.00
	100	LOW	QPSK	22.41	22.56	22.50	23.00
20	1	LOW	Q16	22.73	22.79	22.68	23.00
		MID	Q16	22.86	22.75	22.87	23.00
		HIGH	Q16	22.78	22.86	22.76	23.00
	50	LOW	Q16	21.40	21.52	21.56	22.00
		MID	Q16	21.46	21.53	21.53	22.00
		HIGH	Q16	21.43	21.51	21.53	22.00
	100	LOW	Q16	21.38	21.54	21.50	22.00
20	1	LOW	64QAM	21.64	21.79	21.82	22.00
		MID	64QAM	21.92	22.00	21.83	22.00
		HIGH	64QAM	21.89	21.89	21.89	22.00
	50	LOW	64QAM	20.52	20.67	20.69	21.00
		MID	64QAM	20.46	20.68	20.59	21.00
		HIGH	64QAM	20.53	20.36	20.58	21.00
	100	LOW	64QAM	20.48	20.53	20.53	21.00

LTE B7-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
	50	LOW	QPSK	21.33	21.41	21.41	23.00
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
	50	LOW	Q16	20.35	20.41	20.44	22.00
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
	100	LOW	QPSK	21.34	21.35	21.36	23.00
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
	100	LOW	Q16	20.34	20.33	20.35	22.00
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.78	21.72	21.67	22.50
		MID	QPSK	21.76	21.88	21.97	22.50
		HIGH	QPSK	21.73	21.89	21.73	22.50
	12	LOW	QPSK	21.72	22.11	21.94	22.50
		MID	QPSK	22.03	22.12	21.90	22.50
		HIGH	QPSK	21.95	21.92	22.03	22.50
	25	LOW	QPSK	21.81	21.89	21.88	22.50
5	1	LOW	Q16	22.11	22.18	22.02	22.50
		MID	Q16	22.21	22.34	22.34	22.50
		HIGH	Q16	21.96	22.36	22.17	22.50
	12	LOW	Q16	21.20	21.49	21.40	22.00
		MID	Q16	21.44	21.56	21.44	22.00
		HIGH	Q16	21.41	21.60	21.40	22.00
	25	LOW	Q16	21.49	21.45	21.45	22.00
5	1	LOW	64QAM	21.31	21.18	21.17	22.00
		MID	64QAM	21.31	21.48	21.31	22.00
		HIGH	64QAM	21.41	21.36	21.57	22.00
	12	LOW	64QAM	20.20	20.57	20.63	21.00
		MID	64QAM	20.32	20.59	20.48	21.00
		HIGH	64QAM	20.43	20.53	20.54	21.00
	25	LOW	64QAM	20.33	20.63	20.58	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.66	21.92	21.78	22.50
		MID	QPSK	21.98	22.09	21.76	22.50
		HIGH	QPSK	21.78	21.96	21.87	22.50
	25	LOW	QPSK	21.69	21.82	21.92	22.50
		MID	QPSK	21.75	21.94	21.86	22.50
		HIGH	QPSK	21.97	21.85	21.96	22.50
	50	LOW	QPSK	21.98	22.12	21.84	22.50
10	1	LOW	Q16	22.08	22.35	22.25	22.50
		MID	Q16	22.45	22.33	22.19	22.50
		HIGH	Q16	22.26	22.42	22.20	22.50
	25	LOW	Q16	21.20	21.47	21.43	22.00
		MID	Q16	21.35	21.48	21.37	22.00
		HIGH	Q16	21.39	21.49	21.33	22.00
	50	LOW	Q16	21.54	21.56	21.46	22.00
10	1	LOW	64QAM	21.22	21.26	21.20	22.00
		MID	64QAM	21.32	21.31	21.49	22.00
		HIGH	64QAM	21.16	21.36	21.31	22.00
	25	LOW	64QAM	20.21	20.38	20.58	21.00
		MID	64QAM	20.48	20.58	20.50	21.00
		HIGH	64QAM	20.38	20.50	20.36	21.00
	50	LOW	64QAM	20.33	20.49	20.44	21.00

LTE B7-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.81	21.70	21.62	22.50
		MID	QPSK	21.91	21.89	21.94	22.50
		HIGH	QPSK	21.93	21.76	21.86	22.50
	36	LOW	QPSK	21.86	22.01	21.91	22.50
		MID	QPSK	21.82	22.03	22.02	22.50
		HIGH	QPSK	21.92	21.84	21.92	22.50
	75	LOW	QPSK	21.94	22.02	21.94	22.50
15	1	LOW	Q16	22.14	22.06	21.96	22.50
		MID	Q16	22.28	22.28	22.14	22.50
		HIGH	Q16	22.17	22.03	22.32	22.50
	36	LOW	Q16	21.32	21.50	21.63	22.00
		MID	Q16	21.28	21.58	21.38	22.00
		HIGH	Q16	21.42	21.39	21.34	22.00
	75	LOW	Q16	21.51	21.59	21.57	22.00
15	1	LOW	64QAM	21.20	21.34	21.29	22.00
		MID	64QAM	21.39	21.30	21.41	22.00
		HIGH	64QAM	21.13	21.26	21.47	22.00
	36	LOW	64QAM	20.34	20.44	20.57	21.00
		MID	64QAM	20.27	20.51	20.52	21.00
		HIGH	64QAM	20.28	20.42	20.48	21.00
	75	LOW	64QAM	20.47	20.61	20.57	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.78	21.80	21.73	22.50
		MID	QPSK	21.85	21.84	21.88	22.50
		HIGH	QPSK	21.79	21.83	21.77	22.50
	50	LOW	QPSK	21.83	21.93	21.95	22.50
		MID	QPSK	21.89	21.91	21.96	22.50
		HIGH	QPSK	21.86	21.95	21.94	22.50
	100	LOW	QPSK	21.83	21.99	21.90	22.50
20	1	LOW	Q16	22.23	22.21	21.99	22.50
		MID	Q16	22.33	22.39	22.05	22.50
		HIGH	Q16	22.26	22.27	22.26	22.50
	50	LOW	Q16	21.35	21.47	21.51	22.00
		MID	Q16	21.41	21.50	21.49	22.00
		HIGH	Q16	21.42	21.47	21.46	22.00
	100	LOW	Q16	21.39	21.50	21.46	22.00
20	1	LOW	64QAM	21.74	21.57	21.42	22.00
		MID	64QAM	21.97	22.00	21.65	22.00
		HIGH	64QAM	21.74	21.75	21.69	22.00
	50	LOW	64QAM	20.43	20.51	20.36	21.00
		MID	64QAM	20.48	20.35	20.60	21.00
		HIGH	64QAM	20.38	20.51	20.39	21.00
	100	LOW	64QAM	20.39	20.52	20.56	21.00

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.72	23.81	23.79	24.50
		MID	QPSK	23.72	23.77	23.87	24.50
		HIGH	QPSK	23.74	23.80	23.88	24.50
	3	LOW	QPSK	23.79	23.88	23.93	24.50
		MID	QPSK	23.85	23.85	23.96	24.50
		HIGH	QPSK	23.84	23.85	23.98	24.50
	6	LOW	QPSK	22.82	22.89	22.98	23.50
1.4	1	LOW	Q16	22.92	23.27	22.94	23.50
		MID	Q16	22.96	23.23	22.96	23.50
		HIGH	Q16	22.98	23.23	22.99	23.50
	3	LOW	Q16	22.85	23.07	23.10	23.50
		MID	Q16	22.87	23.02	23.10	23.50
		HIGH	Q16	22.90	23.03	23.08	23.50
	6	LOW	Q16	21.92	21.75	22.11	22.50
1.4	1	LOW	64QAM	21.80	22.18	22.02	22.50
		MID	64QAM	22.11	22.30	22.09	22.50
		HIGH	64QAM	21.91	22.18	22.11	22.50
	3	LOW	64QAM	21.79	21.98	22.11	22.50
		MID	64QAM	21.85	22.13	21.99	22.50
		HIGH	64QAM	21.81	22.05	22.09	22.50
	6	LOW	64QAM	20.92	20.90	21.09	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.83	23.85	23.79	24.50
		MID	QPSK	23.83	23.84	23.86	24.50
		HIGH	QPSK	23.81	23.80	23.89	24.50
	8	LOW	QPSK	22.78	22.83	22.84	23.50
		MID	QPSK	22.85	22.89	22.92	23.50
		HIGH	QPSK	22.82	22.84	22.92	23.50
	15	LOW	QPSK	22.83	22.85	22.92	23.50
3	1	LOW	Q16	22.75	23.25	22.91	23.50
		MID	Q16	22.75	23.28	22.92	23.50
		HIGH	Q16	22.71	23.26	22.94	23.50
	8	LOW	Q16	21.94	21.94	21.95	22.50
		MID	Q16	21.97	21.95	21.99	22.50
		HIGH	Q16	21.93	21.93	21.96	22.50
	15	LOW	Q16	21.87	21.87	21.88	22.50
3	1	LOW	64QAM	21.82	22.29	22.05	22.50
		MID	64QAM	21.87	22.23	22.07	22.50
		HIGH	64QAM	21.67	22.30	22.06	22.50
	8	LOW	64QAM	21.03	20.99	20.83	22.50
		MID	64QAM	20.90	21.05	20.95	22.50
		HIGH	64QAM	20.81	21.04	21.06	22.50
	15	LOW	64QAM	20.74	21.02	20.74	21.50

LTE B12-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	23.89	23.89	24.50
		MID	QPSK	24.00	23.90	23.92	24.50
		HIGH	QPSK	24.02	23.95	24.02	24.50
	12	LOW	QPSK	22.85	22.90	22.90	23.50
		MID	QPSK	22.83	22.90	22.91	23.50
		HIGH	QPSK	22.86	22.84	22.87	23.50
	25	LOW	QPSK	22.83	22.86	22.94	23.50
5	1	LOW	Q16	23.11	23.47	22.97	23.50
		MID	Q16	23.09	23.47	22.92	23.50
		HIGH	Q16	23.20	23.50	23.03	23.50
	12	LOW	Q16	21.92	22.04	21.97	22.50
		MID	Q16	21.88	22.00	21.98	22.50
		HIGH	Q16	21.99	21.98	21.92	22.50
	25	LOW	Q16	21.87	21.93	21.87	22.50
5	1	LOW	64QAM	22.06	22.45	21.84	22.50
		MID	64QAM	22.18	22.24	21.86	22.50
		HIGH	64QAM	22.05	22.48	22.00	22.50
	12	LOW	64QAM	21.03	20.96	21.00	21.50
		MID	64QAM	20.98	20.85	21.07	21.50
		HIGH	64QAM	20.95	20.85	20.80	21.50
	25	LOW	64QAM	20.75	20.81	20.91	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.83	23.62	23.66	24.50
		MID	QPSK	23.86	23.73	23.76	24.50
		HIGH	QPSK	23.90	23.76	23.84	24.50
	25	LOW	QPSK	22.78	22.67	22.74	23.50
		MID	QPSK	22.86	22.73	22.72	23.50
		HIGH	QPSK	22.91	22.67	22.74	23.50
	50	LOW	QPSK	22.88	22.69	22.75	23.50
10	1	LOW	Q16	22.72	22.97	22.65	23.50
		MID	Q16	22.78	23.13	22.78	23.50
		HIGH	Q16	22.83	23.12	22.80	23.50
	25	LOW	Q16	21.81	21.70	21.86	22.50
		MID	Q16	21.89	21.75	21.82	22.50
		HIGH	Q16	21.93	21.69	21.82	22.50
	50	LOW	Q16	21.85	21.68	21.77	22.50
10	1	LOW	64QAM	21.67	21.82	21.65	22.50
		MID	64QAM	21.85	22.12	21.68	22.50
		HIGH	64QAM	21.86	21.98	21.76	22.50
	25	LOW	64QAM	20.83	20.62	21.00	21.50
		MID	64QAM	20.92	20.83	20.88	21.50
		HIGH	64QAM	20.98	20.65	20.74	21.50
	50	LOW	64QAM	20.84	20.74	20.87	21.50

LTE B12-Level1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.72	23.81	23.79	24.50
		MID	QPSK	23.72	23.77	23.87	24.50
		HIGH	QPSK	23.74	23.80	23.88	24.50
	3	LOW	QPSK	23.79	23.88	23.93	24.50
		MID	QPSK	23.85	23.85	23.96	24.50
		HIGH	QPSK	23.84	23.85	23.98	24.50
	6	LOW	QPSK	22.82	22.89	22.98	23.50
1.4	1	LOW	Q16	22.92	23.27	22.94	23.50
		MID	Q16	22.96	23.23	22.96	23.50
		HIGH	Q16	22.98	23.23	22.99	23.50
	3	LOW	Q16	22.85	23.07	23.10	23.50
		MID	Q16	22.87	23.02	23.10	23.50
		HIGH	Q16	22.90	23.03	23.08	23.50
	6	LOW	Q16	21.92	21.75	22.11	22.50
1.4	1	LOW	64QAM	21.80	22.18	22.02	22.50
		MID	64QAM	22.11	22.30	22.09	22.50
		HIGH	64QAM	21.91	22.18	22.11	22.50
	3	LOW	64QAM	21.79	21.98	22.11	22.50
		MID	64QAM	21.85	22.13	21.99	22.50
		HIGH	64QAM	21.81	22.05	22.09	22.50
	6	LOW	64QAM	20.92	20.90	21.09	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.83	23.85	23.79	24.50
		MID	QPSK	23.83	23.84	23.86	24.50
		HIGH	QPSK	23.81	23.80	23.89	24.50
	8	LOW	QPSK	22.78	22.83	22.84	23.50
		MID	QPSK	22.85	22.89	22.92	23.50
		HIGH	QPSK	22.82	22.84	22.92	23.50
	15	LOW	QPSK	22.83	22.85	22.92	23.50
3	1	LOW	Q16	22.75	23.25	22.91	23.50
		MID	Q16	22.75	23.28	22.92	23.50
		HIGH	Q16	22.71	23.26	22.94	23.50
	8	LOW	Q16	21.94	21.94	21.95	22.50
		MID	Q16	21.97	21.95	21.99	22.50
		HIGH	Q16	21.93	21.93	21.96	22.50
	15	LOW	Q16	21.87	21.87	21.88	22.50
3	1	LOW	64QAM	21.82	22.29	22.05	22.50
		MID	64QAM	21.87	22.23	22.07	22.50
		HIGH	64QAM	21.67	22.30	22.06	22.50
	8	LOW	64QAM	21.03	20.99	20.83	22.50
		MID	64QAM	20.90	21.05	20.95	22.50
		HIGH	64QAM	20.81	21.04	21.06	22.50
	15	LOW	64QAM	20.74	21.02	20.74	21.50

LTE B12-Level1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	23.89	23.89	24.50
		MID	QPSK	24.00	23.90	23.92	24.50
		HIGH	QPSK	24.02	23.95	24.02	24.50
	12	LOW	QPSK	22.85	22.90	22.90	23.50
		MID	QPSK	22.83	22.90	22.91	23.50
		HIGH	QPSK	22.86	22.84	22.87	23.50
	25	LOW	QPSK	22.83	22.86	22.94	23.50
5	1	LOW	Q16	23.11	23.47	22.97	23.50
		MID	Q16	23.09	23.47	22.92	23.50
		HIGH	Q16	23.20	23.50	23.03	23.50
	12	LOW	Q16	21.92	22.04	21.97	22.50
		MID	Q16	21.88	22.00	21.98	22.50
		HIGH	Q16	21.99	21.98	21.92	22.50
	25	LOW	Q16	21.87	21.93	21.87	22.50
5	1	LOW	64QAM	22.06	22.45	21.84	22.50
		MID	64QAM	22.18	22.24	21.86	22.50
		HIGH	64QAM	22.05	22.48	22.00	22.50
	12	LOW	64QAM	21.03	20.96	21.00	21.50
		MID	64QAM	20.98	20.85	21.07	21.50
		HIGH	64QAM	20.95	20.85	20.80	21.50
	25	LOW	64QAM	20.75	20.81	20.91	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.83	23.62	23.66	24.50
		MID	QPSK	23.86	23.73	23.76	24.50
		HIGH	QPSK	23.90	23.76	23.84	24.50
	25	LOW	QPSK	22.78	22.67	22.74	23.50
		MID	QPSK	22.86	22.73	22.72	23.50
		HIGH	QPSK	22.91	22.67	22.74	23.50
	50	LOW	QPSK	22.88	22.69	22.75	23.50
10	1	LOW	Q16	22.72	22.97	22.65	23.50
		MID	Q16	22.78	23.13	22.78	23.50
		HIGH	Q16	22.83	23.12	22.80	23.50
	25	LOW	Q16	21.81	21.70	21.86	22.50
		MID	Q16	21.89	21.75	21.82	22.50
		HIGH	Q16	21.93	21.69	21.82	22.50
	50	LOW	Q16	21.85	21.68	21.77	22.50
10	1	LOW	64QAM	21.67	21.82	21.65	22.50
		MID	64QAM	21.85	22.12	21.68	22.50
		HIGH	64QAM	21.86	21.98	21.76	22.50
	25	LOW	64QAM	20.83	20.62	21.00	21.50
		MID	64QAM	20.92	20.83	20.88	21.50
		HIGH	64QAM	20.98	20.65	20.74	21.50
	50	LOW	64QAM	20.84	20.74	20.87	21.50

LTE B12-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.21	23.04	23.08	24.00
		MID	QPSK	23.39	23.15	23.23	24.00
		HIGH	QPSK	23.36	23.25	23.16	24.00
	3	LOW	QPSK	22.63	22.54	22.69	24.00
		MID	QPSK	22.79	22.62	22.68	24.00
		HIGH	QPSK	22.95	22.58	22.65	24.00
	6	LOW	QPSK	22.79	22.57	22.85	23.50
1.4	1	LOW	Q16	22.70	23.04	22.64	23.50
		MID	Q16	22.78	23.17	22.87	23.50
		HIGH	Q16	22.84	23.03	22.69	23.50
	3	LOW	Q16	21.68	21.62	21.99	23.50
		MID	Q16	21.69	21.56	21.69	23.50
		HIGH	Q16	21.92	21.56	21.79	23.50
	6	LOW	Q16	21.88	21.59	21.77	22.50
1.4	1	LOW	64QAM	21.77	21.94	21.61	22.50
		MID	64QAM	21.72	22.00	21.62	22.50
		HIGH	64QAM	21.90	22.23	21.84	22.50
	3	LOW	64QAM	20.66	20.53	20.69	22.50
		MID	64QAM	20.98	20.82	20.72	22.50
		HIGH	64QAM	20.98	20.52	20.92	22.50
	6	LOW	64QAM	20.92	20.71	20.70	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.27	23.14	23.05	24.00
		MID	QPSK	23.39	23.17	23.14	24.00
		HIGH	QPSK	23.35	23.15	23.34	24.00
	8	LOW	QPSK	22.81	22.72	22.60	23.50
		MID	QPSK	22.70	22.69	22.87	23.50
		HIGH	QPSK	22.85	22.64	22.85	23.50
	15	LOW	QPSK	22.94	22.59	22.74	23.50
3	1	LOW	Q16	22.74	22.82	22.66	23.50
		MID	Q16	22.75	23.11	22.67	23.50
		HIGH	Q16	22.80	23.21	22.74	23.50
	8	LOW	Q16	21.92	21.65	21.80	22.50
		MID	Q16	21.76	21.58	21.70	22.50
		HIGH	Q16	21.98	21.67	21.85	22.50
	15	LOW	Q16	21.75	21.61	21.72	22.50
3	1	LOW	64QAM	21.57	21.82	21.50	22.50
		MID	64QAM	21.59	21.91	21.64	22.50
		HIGH	64QAM	21.86	22.06	21.85	22.50
	8	LOW	64QAM	20.92	20.61	20.86	21.50
		MID	64QAM	20.89	20.68	20.82	21.50
		HIGH	64QAM	20.99	20.80	20.88	21.50
	15	LOW	64QAM	20.65	20.79	20.91	21.50

LTE B12-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.38	22.99	23.23	24.00
		MID	QPSK	23.36	23.08	23.08	24.00
		HIGH	QPSK	23.28	23.32	23.18	24.00
	12	LOW	QPSK	22.65	22.73	22.80	23.50
		MID	QPSK	22.66	22.67	22.58	23.50
		HIGH	QPSK	22.87	22.72	22.85	23.50
	25	LOW	QPSK	22.80	22.77	22.84	23.50
5	1	LOW	Q16	22.56	23.06	22.46	23.50
		MID	Q16	22.83	23.21	22.75	23.50
		HIGH	Q16	22.68	23.23	22.87	23.50
	12	LOW	Q16	21.72	21.67	21.94	22.50
		MID	Q16	21.88	21.72	21.89	22.50
		HIGH	Q16	21.89	21.59	21.67	22.50
	25	LOW	Q16	21.76	21.67	21.84	22.50
5	1	LOW	64QAM	21.66	22.00	21.58	22.50
		MID	64QAM	21.61	22.00	21.79	22.50
		HIGH	64QAM	21.89	22.11	21.76	22.50
	12	LOW	64QAM	20.88	20.80	20.95	21.50
		MID	64QAM	20.87	20.58	20.72	21.50
		HIGH	64QAM	20.95	20.71	20.86	21.50
	25	LOW	64QAM	20.84	20.51	20.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.29	23.07	23.10	24.00
		MID	QPSK	23.27	23.14	23.20	24.00
		HIGH	QPSK	23.30	23.18	23.26	24.00
	25	LOW	QPSK	22.77	22.59	22.75	23.50
		MID	QPSK	22.79	22.70	22.72	23.50
		HIGH	QPSK	22.81	22.65	22.74	23.50
	50	LOW	QPSK	22.82	22.66	22.76	23.50
10	1	LOW	Q16	22.71	22.97	22.61	23.50
		MID	Q16	22.69	23.06	22.77	23.50
		HIGH	Q16	22.75	23.11	22.76	23.50
	25	LOW	Q16	21.78	21.66	21.84	22.50
		MID	Q16	21.83	21.69	21.81	22.50
		HIGH	Q16	21.84	21.67	21.80	22.50
	50	LOW	Q16	21.79	21.65	21.76	22.50
10	1	LOW	64QAM	21.74	22.07	21.52	22.50
		MID	64QAM	21.80	22.11	21.66	22.50
		HIGH	64QAM	21.62	22.16	21.85	22.50
	25	LOW	64QAM	20.68	20.74	20.79	21.50
		MID	64QAM	20.77	20.83	20.68	21.50
		HIGH	64QAM	20.77	20.58	20.80	21.50
	50	LOW	64QAM	20.88	20.68	20.66	21.50

LTE B12-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.72	23.81	23.79	24.50
		MID	QPSK	23.72	23.77	23.87	24.50
		HIGH	QPSK	23.74	23.80	23.88	24.50
	3	LOW	QPSK	23.79	23.88	23.93	24.50
		MID	QPSK	23.85	23.85	23.96	24.50
		HIGH	QPSK	23.84	23.85	23.98	24.50
	6	LOW	QPSK	22.82	22.89	22.98	23.50
1.4	1	LOW	Q16	22.92	23.27	22.94	23.50
		MID	Q16	22.96	23.23	22.96	23.50
		HIGH	Q16	22.98	23.23	22.99	23.50
	3	LOW	Q16	22.85	23.07	23.10	23.50
		MID	Q16	22.87	23.02	23.10	23.50
		HIGH	Q16	22.90	23.03	23.08	23.50
	6	LOW	Q16	21.92	21.75	22.11	22.50
1.4	1	LOW	64QAM	21.80	22.18	22.02	22.50
		MID	64QAM	22.11	22.30	22.09	22.50
		HIGH	64QAM	21.91	22.18	22.11	22.50
	3	LOW	64QAM	21.79	21.98	22.11	22.50
		MID	64QAM	21.85	22.13	21.99	22.50
		HIGH	64QAM	21.81	22.05	22.09	22.50
	6	LOW	64QAM	20.92	20.90	21.09	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.83	23.85	23.79	24.50
		MID	QPSK	23.83	23.84	23.86	24.50
		HIGH	QPSK	23.81	23.80	23.89	24.50
	8	LOW	QPSK	22.78	22.83	22.84	23.50
		MID	QPSK	22.85	22.89	22.92	23.50
		HIGH	QPSK	22.82	22.84	22.92	23.50
	15	LOW	QPSK	22.83	22.85	22.92	23.50
3	1	LOW	Q16	22.75	23.25	22.91	23.50
		MID	Q16	22.75	23.28	22.92	23.50
		HIGH	Q16	22.71	23.26	22.94	23.50
	8	LOW	Q16	21.94	21.94	21.95	22.50
		MID	Q16	21.97	21.95	21.99	22.50
		HIGH	Q16	21.93	21.93	21.96	22.50
	15	LOW	Q16	21.87	21.87	21.88	22.50
3	1	LOW	64QAM	21.82	22.29	22.05	22.50
		MID	64QAM	21.87	22.23	22.07	22.50
		HIGH	64QAM	21.67	22.30	22.06	22.50
	8	LOW	64QAM	21.03	20.99	20.83	22.50
		MID	64QAM	20.90	21.05	20.95	22.50
		HIGH	64QAM	20.81	21.04	21.06	22.50
	15	LOW	64QAM	20.74	21.02	20.74	21.50

LTE B12-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	23.89	23.89	24.50
		MID	QPSK	24.00	23.90	23.92	24.50
		HIGH	QPSK	24.02	23.95	24.02	24.50
	12	LOW	QPSK	22.85	22.90	22.90	23.50
		MID	QPSK	22.83	22.90	22.91	23.50
		HIGH	QPSK	22.86	22.84	22.87	23.50
	25	LOW	QPSK	22.83	22.86	22.94	23.50
5	1	LOW	Q16	23.11	23.47	22.97	23.50
		MID	Q16	23.09	23.47	22.92	23.50
		HIGH	Q16	23.20	23.50	23.03	23.50
	12	LOW	Q16	21.92	22.04	21.97	22.50
		MID	Q16	21.88	22.00	21.98	22.50
		HIGH	Q16	21.99	21.98	21.92	22.50
	25	LOW	Q16	21.87	21.93	21.87	22.50
5	1	LOW	64QAM	22.06	22.45	21.84	22.50
		MID	64QAM	22.18	22.24	21.86	22.50
		HIGH	64QAM	22.05	22.48	22.00	22.50
	12	LOW	64QAM	21.03	20.96	21.00	21.50
		MID	64QAM	20.98	20.85	21.07	21.50
		HIGH	64QAM	20.95	20.85	20.80	21.50
	25	LOW	64QAM	20.75	20.81	20.91	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.83	23.62	23.66	24.50
		MID	QPSK	23.86	23.73	23.76	24.50
		HIGH	QPSK	23.90	23.76	23.84	24.50
	25	LOW	QPSK	22.78	22.67	22.74	23.50
		MID	QPSK	22.86	22.73	22.72	23.50
		HIGH	QPSK	22.91	22.67	22.74	23.50
	50	LOW	QPSK	22.88	22.69	22.75	23.50
10	1	LOW	Q16	22.72	22.97	22.65	23.50
		MID	Q16	22.78	23.13	22.78	23.50
		HIGH	Q16	22.83	23.12	22.80	23.50
	25	LOW	Q16	21.81	21.70	21.86	22.50
		MID	Q16	21.89	21.75	21.82	22.50
		HIGH	Q16	21.93	21.69	21.82	22.50
	50	LOW	Q16	21.85	21.68	21.77	22.50
10	1	LOW	64QAM	21.67	21.82	21.65	22.50
		MID	64QAM	21.85	22.12	21.68	22.50
		HIGH	64QAM	21.86	21.98	21.76	22.50
	25	LOW	64QAM	20.83	20.62	21.00	21.50
		MID	64QAM	20.92	20.83	20.88	21.50
		HIGH	64QAM	20.98	20.65	20.74	21.50
	50	LOW	64QAM	20.84	20.74	20.87	21.50

LTE B12-Level4-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.72	23.81	23.79	24.50
		MID	QPSK	23.72	23.77	23.87	24.50
		HIGH	QPSK	23.74	23.80	23.88	24.50
	3	LOW	QPSK	23.79	23.88	23.93	24.50
		MID	QPSK	23.85	23.85	23.96	24.50
		HIGH	QPSK	23.84	23.85	23.98	24.50
	6	LOW	QPSK	22.82	22.89	22.98	23.50
1.4	1	LOW	Q16	22.92	23.27	22.94	23.50
		MID	Q16	22.96	23.23	22.96	23.50
		HIGH	Q16	22.98	23.23	22.99	23.50
	3	LOW	Q16	22.85	23.07	23.10	23.50
		MID	Q16	22.87	23.02	23.10	23.50
		HIGH	Q16	22.90	23.03	23.08	23.50
	6	LOW	Q16	21.92	21.75	22.11	22.50
1.4	1	LOW	64QAM	21.80	22.18	22.02	22.50
		MID	64QAM	22.11	22.30	22.09	22.50
		HIGH	64QAM	21.91	22.18	22.11	22.50
	3	LOW	64QAM	21.79	21.98	22.11	22.50
		MID	64QAM	21.85	22.13	21.99	22.50
		HIGH	64QAM	21.81	22.05	22.09	22.50
	6	LOW	64QAM	20.92	20.90	21.09	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.83	23.85	23.79	24.50
		MID	QPSK	23.83	23.84	23.86	24.50
		HIGH	QPSK	23.81	23.80	23.89	24.50
	8	LOW	QPSK	22.78	22.83	22.84	23.50
		MID	QPSK	22.85	22.89	22.92	23.50
		HIGH	QPSK	22.82	22.84	22.92	23.50
	15	LOW	QPSK	22.83	22.85	22.92	23.50
3	1	LOW	Q16	22.75	23.25	22.91	23.50
		MID	Q16	22.75	23.28	22.92	23.50
		HIGH	Q16	22.71	23.26	22.94	23.50
	8	LOW	Q16	21.94	21.94	21.95	22.50
		MID	Q16	21.97	21.95	21.99	22.50
		HIGH	Q16	21.93	21.93	21.96	22.50
	15	LOW	Q16	21.87	21.87	21.88	22.50
3	1	LOW	64QAM	21.82	22.29	22.05	22.50
		MID	64QAM	21.87	22.23	22.07	22.50
		HIGH	64QAM	21.67	22.30	22.06	22.50
	8	LOW	64QAM	21.03	20.99	20.83	22.50
		MID	64QAM	20.90	21.05	20.95	22.50
		HIGH	64QAM	20.81	21.04	21.06	22.50
	15	LOW	64QAM	20.74	21.02	20.74	21.50

LTE B12-Level4-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	23.89	23.89	24.50
		MID	QPSK	24.00	23.90	23.92	24.50
		HIGH	QPSK	24.02	23.95	24.02	24.50
	12	LOW	QPSK	22.85	22.90	22.90	23.50
		MID	QPSK	22.83	22.90	22.91	23.50
		HIGH	QPSK	22.86	22.84	22.87	23.50
	25	LOW	QPSK	22.83	22.86	22.94	23.50
5	1	LOW	Q16	23.11	23.47	22.97	23.50
		MID	Q16	23.09	23.47	22.92	23.50
		HIGH	Q16	23.20	23.50	23.03	23.50
	12	LOW	Q16	21.92	22.04	21.97	22.50
		MID	Q16	21.88	22.00	21.98	22.50
		HIGH	Q16	21.99	21.98	21.92	22.50
	25	LOW	Q16	21.87	21.93	21.87	22.50
5	1	LOW	64QAM	22.06	22.45	21.84	22.50
		MID	64QAM	22.18	22.24	21.86	22.50
		HIGH	64QAM	22.05	22.48	22.00	22.50
	12	LOW	64QAM	21.03	20.96	21.00	21.50
		MID	64QAM	20.98	20.85	21.07	21.50
		HIGH	64QAM	20.95	20.85	20.80	21.50
	25	LOW	64QAM	20.75	20.81	20.91	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.83	23.62	23.66	24.50
		MID	QPSK	23.86	23.73	23.76	24.50
		HIGH	QPSK	23.90	23.76	23.84	24.50
	25	LOW	QPSK	22.78	22.67	22.74	23.50
		MID	QPSK	22.86	22.73	22.72	23.50
		HIGH	QPSK	22.91	22.67	22.74	23.50
	50	LOW	QPSK	22.88	22.69	22.75	23.50
10	1	LOW	Q16	22.72	22.97	22.65	23.50
		MID	Q16	22.78	23.13	22.78	23.50
		HIGH	Q16	22.83	23.12	22.80	23.50
	25	LOW	Q16	21.81	21.70	21.86	22.50
		MID	Q16	21.89	21.75	21.82	22.50
		HIGH	Q16	21.93	21.69	21.82	22.50
	50	LOW	Q16	21.85	21.68	21.77	22.50
10	1	LOW	64QAM	21.67	21.82	21.65	22.50
		MID	64QAM	21.85	22.12	21.68	22.50
		HIGH	64QAM	21.86	21.98	21.76	22.50
	25	LOW	64QAM	20.83	20.62	21.00	21.50
		MID	64QAM	20.92	20.83	20.88	21.50
		HIGH	64QAM	20.98	20.65	20.74	21.50
	50	LOW	64QAM	20.84	20.74	20.87	21.50

LTE B12-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.72	23.81	23.79	24.50
		MID	QPSK	23.72	23.77	23.87	24.50
		HIGH	QPSK	23.74	23.80	23.88	24.50
	3	LOW	QPSK	23.79	23.88	23.93	24.50
		MID	QPSK	23.85	23.85	23.96	24.50
		HIGH	QPSK	23.84	23.85	23.98	24.50
	6	LOW	QPSK	22.82	22.89	22.98	23.50
1.4	1	LOW	Q16	22.92	23.27	22.94	23.50
		MID	Q16	22.96	23.23	22.96	23.50
		HIGH	Q16	22.98	23.23	22.99	23.50
	3	LOW	Q16	22.85	23.07	23.10	23.50
		MID	Q16	22.87	23.02	23.10	23.50
		HIGH	Q16	22.90	23.03	23.08	23.50
	6	LOW	Q16	21.92	21.75	22.11	22.50
1.4	1	LOW	64QAM	21.80	22.18	22.02	22.50
		MID	64QAM	22.11	22.30	22.09	22.50
		HIGH	64QAM	21.91	22.18	22.11	22.50
	3	LOW	64QAM	21.79	21.98	22.11	22.50
		MID	64QAM	21.85	22.13	21.99	22.50
		HIGH	64QAM	21.81	22.05	22.09	22.50
	6	LOW	64QAM	20.92	20.90	21.09	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.83	23.85	23.79	24.50
		MID	QPSK	23.83	23.84	23.86	24.50
		HIGH	QPSK	23.81	23.80	23.89	24.50
	8	LOW	QPSK	22.78	22.83	22.84	23.50
		MID	QPSK	22.85	22.89	22.92	23.50
		HIGH	QPSK	22.82	22.84	22.92	23.50
	15	LOW	QPSK	22.83	22.85	22.92	23.50
3	1	LOW	Q16	22.75	23.25	22.91	23.50
		MID	Q16	22.75	23.28	22.92	23.50
		HIGH	Q16	22.71	23.26	22.94	23.50
	8	LOW	Q16	21.94	21.94	21.95	22.50
		MID	Q16	21.97	21.95	21.99	22.50
		HIGH	Q16	21.93	21.93	21.96	22.50
	15	LOW	Q16	21.87	21.87	21.88	22.50
3	1	LOW	64QAM	21.82	22.29	22.05	22.50
		MID	64QAM	21.87	22.23	22.07	22.50
		HIGH	64QAM	21.67	22.30	22.06	22.50
	8	LOW	64QAM	21.03	20.99	20.83	22.50
		MID	64QAM	20.90	21.05	20.95	22.50
		HIGH	64QAM	20.81	21.04	21.06	22.50
	15	LOW	64QAM	20.74	21.02	20.74	21.50

LTE B12-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	23.89	23.89	24.50
		MID	QPSK	24.00	23.90	23.92	24.50
		HIGH	QPSK	24.02	23.95	24.02	24.50
	12	LOW	QPSK	22.85	22.90	22.90	23.50
		MID	QPSK	22.83	22.90	22.91	23.50
		HIGH	QPSK	22.86	22.84	22.87	23.50
	25	LOW	QPSK	22.83	22.86	22.94	23.50
5	1	LOW	Q16	23.11	23.47	22.97	23.50
		MID	Q16	23.09	23.47	22.92	23.50
		HIGH	Q16	23.20	23.50	23.03	23.50
	12	LOW	Q16	21.92	22.04	21.97	22.50
		MID	Q16	21.88	22.00	21.98	22.50
		HIGH	Q16	21.99	21.98	21.92	22.50
	25	LOW	Q16	21.87	21.93	21.87	22.50
5	1	LOW	64QAM	22.06	22.45	21.84	22.50
		MID	64QAM	22.18	22.24	21.86	22.50
		HIGH	64QAM	22.05	22.48	22.00	22.50
	12	LOW	64QAM	21.03	20.96	21.00	21.50
		MID	64QAM	20.98	20.85	21.07	21.50
		HIGH	64QAM	20.95	20.85	20.80	21.50
	25	LOW	64QAM	20.75	20.81	20.91	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.83	23.62	23.66	24.50
		MID	QPSK	23.86	23.73	23.76	24.50
		HIGH	QPSK	23.90	23.76	23.84	24.50
	25	LOW	QPSK	22.78	22.67	22.74	23.50
		MID	QPSK	22.86	22.73	22.72	23.50
		HIGH	QPSK	22.91	22.67	22.74	23.50
	50	LOW	QPSK	22.88	22.69	22.75	23.50
10	1	LOW	Q16	22.72	22.97	22.65	23.50
		MID	Q16	22.78	23.13	22.78	23.50
		HIGH	Q16	22.83	23.12	22.80	23.50
	25	LOW	Q16	21.81	21.70	21.86	22.50
		MID	Q16	21.89	21.75	21.82	22.50
		HIGH	Q16	21.93	21.69	21.82	22.50
	50	LOW	Q16	21.85	21.68	21.77	22.50
10	1	LOW	64QAM	21.67	21.82	21.65	22.50
		MID	64QAM	21.85	22.12	21.68	22.50
		HIGH	64QAM	21.86	21.98	21.76	22.50
	25	LOW	64QAM	20.83	20.62	21.00	21.50
		MID	64QAM	20.92	20.83	20.88	21.50
		HIGH	64QAM	20.98	20.65	20.74	21.50
	50	LOW	64QAM	20.84	20.74	20.87	21.50

LTE B12-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.72	23.81	23.79	24.50
		MID	QPSK	23.72	23.77	23.87	24.50
		HIGH	QPSK	23.74	23.80	23.88	24.50
	3	LOW	QPSK	23.79	23.88	23.93	24.50
		MID	QPSK	23.85	23.85	23.96	24.50
		HIGH	QPSK	23.84	23.85	23.98	24.50
	6	LOW	QPSK	22.82	22.89	22.98	23.50
1.4	1	LOW	Q16	22.92	23.27	22.94	23.50
		MID	Q16	22.96	23.23	22.96	23.50
		HIGH	Q16	22.98	23.23	22.99	23.50
	3	LOW	Q16	22.85	23.07	23.10	23.50
		MID	Q16	22.87	23.02	23.10	23.50
		HIGH	Q16	22.90	23.03	23.08	23.50
	6	LOW	Q16	21.92	21.75	22.11	22.50
1.4	1	LOW	64QAM	21.80	22.18	22.02	22.50
		MID	64QAM	22.11	22.30	22.09	22.50
		HIGH	64QAM	21.91	22.18	22.11	22.50
	3	LOW	64QAM	21.79	21.98	22.11	22.50
		MID	64QAM	21.85	22.13	21.99	22.50
		HIGH	64QAM	21.81	22.05	22.09	22.50
	6	LOW	64QAM	20.92	20.90	21.09	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.83	23.85	23.79	24.50
		MID	QPSK	23.83	23.84	23.86	24.50
		HIGH	QPSK	23.81	23.80	23.89	24.50
	8	LOW	QPSK	22.78	22.83	22.84	23.50
		MID	QPSK	22.85	22.89	22.92	23.50
		HIGH	QPSK	22.82	22.84	22.92	23.50
	15	LOW	QPSK	22.83	22.85	22.92	23.50
3	1	LOW	Q16	22.75	23.25	22.91	23.50
		MID	Q16	22.75	23.28	22.92	23.50
		HIGH	Q16	22.71	23.26	22.94	23.50
	8	LOW	Q16	21.94	21.94	21.95	22.50
		MID	Q16	21.97	21.95	21.99	22.50
		HIGH	Q16	21.93	21.93	21.96	22.50
	15	LOW	Q16	21.87	21.87	21.88	22.50
3	1	LOW	64QAM	21.82	22.29	22.05	22.50
		MID	64QAM	21.87	22.23	22.07	22.50
		HIGH	64QAM	21.67	22.30	22.06	22.50
	8	LOW	64QAM	21.03	20.99	20.83	22.50
		MID	64QAM	20.90	21.05	20.95	22.50
		HIGH	64QAM	20.81	21.04	21.06	22.50
	15	LOW	64QAM	20.74	21.02	20.74	21.50

LTE B12-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	23.89	23.89	24.50
		MID	QPSK	24.00	23.90	23.92	24.50
		HIGH	QPSK	24.02	23.95	24.02	24.50
	12	LOW	QPSK	22.85	22.90	22.90	23.50
		MID	QPSK	22.83	22.90	22.91	23.50
		HIGH	QPSK	22.86	22.84	22.87	23.50
	25	LOW	QPSK	22.83	22.86	22.94	23.50
5	1	LOW	Q16	23.11	23.47	22.97	23.50
		MID	Q16	23.09	23.47	22.92	23.50
		HIGH	Q16	23.20	23.50	23.03	23.50
	12	LOW	Q16	21.92	22.04	21.97	22.50
		MID	Q16	21.88	22.00	21.98	22.50
		HIGH	Q16	21.99	21.98	21.92	22.50
	25	LOW	Q16	21.87	21.93	21.87	22.50
5	1	LOW	64QAM	22.06	22.45	21.84	22.50
		MID	64QAM	22.18	22.24	21.86	22.50
		HIGH	64QAM	22.05	22.48	22.00	22.50
	12	LOW	64QAM	21.03	20.96	21.00	21.50
		MID	64QAM	20.98	20.85	21.07	21.50
		HIGH	64QAM	20.95	20.85	20.80	21.50
	25	LOW	64QAM	20.75	20.81	20.91	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.83	23.62	23.66	24.50
		MID	QPSK	23.86	23.73	23.76	24.50
		HIGH	QPSK	23.90	23.76	23.84	24.50
	25	LOW	QPSK	22.78	22.67	22.74	23.50
		MID	QPSK	22.86	22.73	22.72	23.50
		HIGH	QPSK	22.91	22.67	22.74	23.50
	50	LOW	QPSK	22.88	22.69	22.75	23.50
10	1	LOW	Q16	22.72	22.97	22.65	23.50
		MID	Q16	22.78	23.13	22.78	23.50
		HIGH	Q16	22.83	23.12	22.80	23.50
	25	LOW	Q16	21.81	21.70	21.86	22.50
		MID	Q16	21.89	21.75	21.82	22.50
		HIGH	Q16	21.93	21.69	21.82	22.50
	50	LOW	Q16	21.85	21.68	21.77	22.50
10	1	LOW	64QAM	21.67	21.82	21.65	22.50
		MID	64QAM	21.85	22.12	21.68	22.50
		HIGH	64QAM	21.86	21.98	21.76	22.50
	25	LOW	64QAM	20.83	20.62	21.00	21.50
		MID	64QAM	20.92	20.83	20.88	21.50
		HIGH	64QAM	20.98	20.65	20.74	21.50
	50	LOW	64QAM	20.84	20.74	20.87	21.50

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.99	24.01	24.80
		MID	QPSK	23.89	23.99	24.05	24.80
		HIGH	QPSK	23.94	24.00	24.07	24.80
	3	LOW	QPSK	24.01	24.07	24.11	24.80
		MID	QPSK	24.03	24.03	24.14	24.80
		HIGH	QPSK	24.02	24.03	24.14	24.80
	6	LOW	QPSK	22.99	23.07	23.13	23.80
1.4	1	LOW	Q16	23.08	23.46	23.10	23.80
		MID	Q16	23.15	23.41	23.17	23.80
		HIGH	Q16	23.17	23.42	23.15	23.80
	3	LOW	Q16	23.02	23.26	23.24	23.80
		MID	Q16	23.07	23.22	23.28	23.80
		HIGH	Q16	23.08	23.23	23.24	23.80
	6	LOW	Q16	22.11	21.93	22.27	22.80
1.4	1	LOW	64QAM	22.14	22.57	22.09	22.80
		MID	64QAM	22.01	22.30	22.09	22.80
		HIGH	64QAM	22.29	22.34	22.01	22.80
	3	LOW	64QAM	22.06	22.33	22.35	22.80
		MID	64QAM	22.13	22.37	22.41	22.80
		HIGH	64QAM	22.02	22.21	22.16	22.80
	6	LOW	64QAM	21.09	20.83	21.18	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.00	24.02	24.01	24.80
		MID	QPSK	24.02	24.02	24.07	24.80
		HIGH	QPSK	23.98	24.01	24.11	24.80
	8	LOW	QPSK	23.00	23.04	23.09	23.80
		MID	QPSK	23.03	23.06	23.14	23.80
		HIGH	QPSK	23.00	23.00	23.13	23.80
	15	LOW	QPSK	23.03	23.02	23.11	23.80
3	1	LOW	Q16	22.93	23.44	23.10	23.80
		MID	Q16	22.94	23.46	23.13	23.80
		HIGH	Q16	22.91	23.44	23.15	23.80
	8	LOW	Q16	22.09	22.11	22.11	22.80
		MID	Q16	22.11	22.14	22.17	22.80
		HIGH	Q16	22.12	22.08	22.15	22.80
	15	LOW	Q16	22.06	22.06	22.05	22.80
3	1	LOW	64QAM	21.85	22.44	22.24	22.80
		MID	64QAM	21.92	22.45	22.13	22.80
		HIGH	64QAM	21.82	22.30	22.10	22.80
	8	LOW	64QAM	21.08	21.00	20.98	22.80
		MID	64QAM	21.15	21.21	21.27	22.80
		HIGH	64QAM	21.21	21.13	21.06	22.80
	15	LOW	64QAM	21.00	21.17	21.02	21.80

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.15	24.09	24.10	24.80
		MID	QPSK	24.17	24.07	24.10	24.80
		HIGH	QPSK	24.21	24.11	24.21	24.80
	12	LOW	QPSK	23.03	23.12	23.11	23.80
		MID	QPSK	23.05	23.10	23.11	23.80
		HIGH	QPSK	23.07	23.02	23.06	23.80
	25	LOW	QPSK	23.03	23.05	23.10	23.80
5	1	LOW	Q16	23.27	23.65	23.16	23.80
		MID	Q16	23.29	23.65	23.12	23.80
		HIGH	Q16	23.36	23.68	23.23	23.80
	12	LOW	Q16	22.08	22.19	22.16	22.80
		MID	Q16	22.09	22.16	22.13	22.80
		HIGH	Q16	22.14	22.15	22.09	22.80
	25	LOW	Q16	22.05	22.11	22.05	22.80
5	1	LOW	64QAM	22.26	22.71	22.11	22.80
		MID	64QAM	22.27	22.53	21.99	22.80
		HIGH	64QAM	22.30	22.66	22.29	22.80
	12	LOW	64QAM	21.22	21.26	21.26	21.80
		MID	64QAM	21.18	21.06	21.13	21.80
		HIGH	64QAM	21.16	21.09	21.10	21.80
	25	LOW	64QAM	21.09	21.13	21.00	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.01	23.79	23.86	24.80
		MID	QPSK	24.05	23.93	23.94	24.80
		HIGH	QPSK	24.09	23.94	24.01	24.80
	25	LOW	QPSK	22.96	22.85	22.92	23.80
		MID	QPSK	23.05	22.89	22.92	23.80
		HIGH	QPSK	23.10	22.85	22.95	23.80
	50	LOW	QPSK	23.04	22.87	22.97	23.80
10	1	LOW	Q16	22.90	23.17	22.85	23.80
		MID	Q16	22.96	23.29	22.96	23.80
		HIGH	Q16	22.99	23.32	23.00	23.80
	25	LOW	Q16	21.98	21.89	22.04	22.80
		MID	Q16	22.05	21.92	22.02	22.80
		HIGH	Q16	22.13	21.86	22.04	22.80
	50	LOW	Q16	22.04	21.87	21.97	22.80
10	1	LOW	64QAM	22.04	22.26	21.83	22.80
		MID	64QAM	22.02	22.16	21.85	22.80
		HIGH	64QAM	21.84	22.42	21.86	22.80
	25	LOW	64QAM	20.83	20.92	21.05	21.80
		MID	64QAM	21.04	20.95	20.87	21.80
		HIGH	64QAM	21.26	20.81	21.14	21.80
	50	LOW	64QAM	21.19	20.75	20.94	21.80

LTE B12-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.99	24.01	24.80
		MID	QPSK	23.89	23.99	24.05	24.80
		HIGH	QPSK	23.94	24.00	24.07	24.80
	3	LOW	QPSK	24.01	24.07	24.11	24.80
		MID	QPSK	24.03	24.03	24.14	24.80
		HIGH	QPSK	24.02	24.03	24.14	24.80
	6	LOW	QPSK	22.99	23.07	23.13	23.80
1.4	1	LOW	Q16	23.08	23.46	23.10	23.80
		MID	Q16	23.15	23.41	23.17	23.80
		HIGH	Q16	23.17	23.42	23.15	23.80
	3	LOW	Q16	23.02	23.26	23.24	23.80
		MID	Q16	23.07	23.22	23.28	23.80
		HIGH	Q16	23.08	23.23	23.24	23.80
	6	LOW	Q16	22.11	21.93	22.27	22.80
1.4	1	LOW	64QAM	22.14	22.57	22.09	22.80
		MID	64QAM	22.01	22.30	22.09	22.80
		HIGH	64QAM	22.29	22.34	22.01	22.80
	3	LOW	64QAM	22.06	22.33	22.35	22.80
		MID	64QAM	22.13	22.37	22.41	22.80
		HIGH	64QAM	22.02	22.21	22.16	22.80
	6	LOW	64QAM	21.09	20.83	21.18	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.00	24.02	24.01	24.80
		MID	QPSK	24.02	24.02	24.07	24.80
		HIGH	QPSK	23.98	24.01	24.11	24.80
	8	LOW	QPSK	23.00	23.04	23.09	23.80
		MID	QPSK	23.03	23.06	23.14	23.80
		HIGH	QPSK	23.00	23.00	23.13	23.80
	15	LOW	QPSK	23.03	23.02	23.11	23.80
3	1	LOW	Q16	22.93	23.44	23.10	23.80
		MID	Q16	22.94	23.46	23.13	23.80
		HIGH	Q16	22.91	23.44	23.15	23.80
	8	LOW	Q16	22.09	22.11	22.11	22.80
		MID	Q16	22.11	22.14	22.17	22.80
		HIGH	Q16	22.12	22.08	22.15	22.80
	15	LOW	Q16	22.06	22.06	22.05	22.80
3	1	LOW	64QAM	21.85	22.44	22.24	22.80
		MID	64QAM	21.92	22.45	22.13	22.80
		HIGH	64QAM	21.82	22.30	22.10	22.80
	8	LOW	64QAM	21.08	21.00	20.98	22.80
		MID	64QAM	21.15	21.21	21.27	22.80
		HIGH	64QAM	21.21	21.13	21.06	22.80
	15	LOW	64QAM	21.00	21.17	21.02	21.80

LTE B12-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.15	24.09	24.10	24.80
		MID	QPSK	24.17	24.07	24.10	24.80
		HIGH	QPSK	24.21	24.11	24.21	24.80
	12	LOW	QPSK	23.03	23.12	23.11	23.80
		MID	QPSK	23.05	23.10	23.11	23.80
		HIGH	QPSK	23.07	23.02	23.06	23.80
	25	LOW	QPSK	23.03	23.05	23.10	23.80
5	1	LOW	Q16	23.27	23.65	23.16	23.80
		MID	Q16	23.29	23.65	23.12	23.80
		HIGH	Q16	23.36	23.68	23.23	23.80
	12	LOW	Q16	22.08	22.19	22.16	22.80
		MID	Q16	22.09	22.16	22.13	22.80
		HIGH	Q16	22.14	22.15	22.09	22.80
	25	LOW	Q16	22.05	22.11	22.05	22.80
5	1	LOW	64QAM	22.26	22.71	22.11	22.80
		MID	64QAM	22.27	22.53	21.99	22.80
		HIGH	64QAM	22.30	22.66	22.29	22.80
	12	LOW	64QAM	21.22	21.26	21.26	21.80
		MID	64QAM	21.18	21.06	21.13	21.80
		HIGH	64QAM	21.16	21.09	21.10	21.80
	25	LOW	64QAM	21.09	21.13	21.00	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.01	23.79	23.86	24.80
		MID	QPSK	24.05	23.93	23.94	24.80
		HIGH	QPSK	24.09	23.94	24.01	24.80
	25	LOW	QPSK	22.96	22.85	22.92	23.80
		MID	QPSK	23.05	22.89	22.92	23.80
		HIGH	QPSK	23.10	22.85	22.95	23.80
	50	LOW	QPSK	23.04	22.87	22.97	23.80
10	1	LOW	Q16	22.90	23.17	22.85	23.80
		MID	Q16	22.96	23.29	22.96	23.80
		HIGH	Q16	22.99	23.32	23.00	23.80
	25	LOW	Q16	21.98	21.89	22.04	22.80
		MID	Q16	22.05	21.92	22.02	22.80
		HIGH	Q16	22.13	21.86	22.04	22.80
	50	LOW	Q16	22.04	21.87	21.97	22.80
10	1	LOW	64QAM	22.04	22.26	21.83	22.80
		MID	64QAM	22.02	22.16	21.85	22.80
		HIGH	64QAM	21.84	22.42	21.86	22.80
	25	LOW	64QAM	20.83	20.92	21.05	21.80
		MID	64QAM	21.04	20.95	20.87	21.80
		HIGH	64QAM	21.26	20.81	21.14	21.80
	50	LOW	64QAM	21.19	20.75	20.94	21.80

LTE B12-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.99	24.01	24.80
		MID	QPSK	23.89	23.99	24.05	24.80
		HIGH	QPSK	23.94	24.00	24.07	24.80
	3	LOW	QPSK	24.01	24.07	24.11	24.80
		MID	QPSK	24.03	24.03	24.14	24.80
		HIGH	QPSK	24.02	24.03	24.14	24.80
	6	LOW	QPSK	22.99	23.07	23.13	23.80
1.4	1	LOW	Q16	23.08	23.46	23.10	23.80
		MID	Q16	23.15	23.41	23.17	23.80
		HIGH	Q16	23.17	23.42	23.15	23.80
	3	LOW	Q16	23.02	23.26	23.24	23.80
		MID	Q16	23.07	23.22	23.28	23.80
		HIGH	Q16	23.08	23.23	23.24	23.80
	6	LOW	Q16	22.11	21.93	22.27	22.80
1.4	1	LOW	64QAM	22.14	22.57	22.09	22.80
		MID	64QAM	22.01	22.30	22.09	22.80
		HIGH	64QAM	22.29	22.34	22.01	22.80
	3	LOW	64QAM	22.06	22.33	22.35	22.80
		MID	64QAM	22.13	22.37	22.41	22.80
		HIGH	64QAM	22.02	22.21	22.16	22.80
	6	LOW	64QAM	21.09	20.83	21.18	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.00	24.02	24.01	24.80
		MID	QPSK	24.02	24.02	24.07	24.80
		HIGH	QPSK	23.98	24.01	24.11	24.80
	8	LOW	QPSK	23.00	23.04	23.09	23.80
		MID	QPSK	23.03	23.06	23.14	23.80
		HIGH	QPSK	23.00	23.00	23.13	23.80
	15	LOW	QPSK	23.03	23.02	23.11	23.80
3	1	LOW	Q16	22.93	23.44	23.10	23.80
		MID	Q16	22.94	23.46	23.13	23.80
		HIGH	Q16	22.91	23.44	23.15	23.80
	8	LOW	Q16	22.09	22.11	22.11	22.80
		MID	Q16	22.11	22.14	22.17	22.80
		HIGH	Q16	22.12	22.08	22.15	22.80
	15	LOW	Q16	22.06	22.06	22.05	22.80
3	1	LOW	64QAM	21.85	22.44	22.24	22.80
		MID	64QAM	21.92	22.45	22.13	22.80
		HIGH	64QAM	21.82	22.30	22.10	22.80
	8	LOW	64QAM	21.08	21.00	20.98	22.80
		MID	64QAM	21.15	21.21	21.27	22.80
		HIGH	64QAM	21.21	21.13	21.06	22.80
	15	LOW	64QAM	21.00	21.17	21.02	21.80

LTE B12-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.15	24.09	24.10	24.80
		MID	QPSK	24.17	24.07	24.10	24.80
		HIGH	QPSK	24.21	24.11	24.21	24.80
	12	LOW	QPSK	23.03	23.12	23.11	23.80
		MID	QPSK	23.05	23.10	23.11	23.80
		HIGH	QPSK	23.07	23.02	23.06	23.80
	25	LOW	QPSK	23.03	23.05	23.10	23.80
5	1	LOW	Q16	23.27	23.65	23.16	23.80
		MID	Q16	23.29	23.65	23.12	23.80
		HIGH	Q16	23.36	23.68	23.23	23.80
	12	LOW	Q16	22.08	22.19	22.16	22.80
		MID	Q16	22.09	22.16	22.13	22.80
		HIGH	Q16	22.14	22.15	22.09	22.80
	25	LOW	Q16	22.05	22.11	22.05	22.80
5	1	LOW	64QAM	22.26	22.71	22.11	22.80
		MID	64QAM	22.27	22.53	21.99	22.80
		HIGH	64QAM	22.30	22.66	22.29	22.80
	12	LOW	64QAM	21.22	21.26	21.26	21.80
		MID	64QAM	21.18	21.06	21.13	21.80
		HIGH	64QAM	21.16	21.09	21.10	21.80
	25	LOW	64QAM	21.09	21.13	21.00	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.01	23.79	23.86	24.80
		MID	QPSK	24.05	23.93	23.94	24.80
		HIGH	QPSK	24.09	23.94	24.01	24.80
	25	LOW	QPSK	22.96	22.85	22.92	23.80
		MID	QPSK	23.05	22.89	22.92	23.80
		HIGH	QPSK	23.10	22.85	22.95	23.80
	50	LOW	QPSK	23.04	22.87	22.97	23.80
10	1	LOW	Q16	22.90	23.17	22.85	23.80
		MID	Q16	22.96	23.29	22.96	23.80
		HIGH	Q16	22.99	23.32	23.00	23.80
	25	LOW	Q16	21.98	21.89	22.04	22.80
		MID	Q16	22.05	21.92	22.02	22.80
		HIGH	Q16	22.13	21.86	22.04	22.80
	50	LOW	Q16	22.04	21.87	21.97	22.80
10	1	LOW	64QAM	22.04	22.26	21.83	22.80
		MID	64QAM	22.02	22.16	21.85	22.80
		HIGH	64QAM	21.84	22.42	21.86	22.80
	25	LOW	64QAM	20.83	20.92	21.05	21.80
		MID	64QAM	21.04	20.95	20.87	21.80
		HIGH	64QAM	21.26	20.81	21.14	21.80
	50	LOW	64QAM	21.19	20.75	20.94	21.80

LTE B12-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.99	24.01	24.80
		MID	QPSK	23.89	23.99	24.05	24.80
		HIGH	QPSK	23.94	24.00	24.07	24.80
	3	LOW	QPSK	24.01	24.07	24.11	24.80
		MID	QPSK	24.03	24.03	24.14	24.80
		HIGH	QPSK	24.02	24.03	24.14	24.80
	6	LOW	QPSK	22.99	23.07	23.13	23.80
1.4	1	LOW	Q16	23.08	23.46	23.10	23.80
		MID	Q16	23.15	23.41	23.17	23.80
		HIGH	Q16	23.17	23.42	23.15	23.80
	3	LOW	Q16	23.02	23.26	23.24	23.80
		MID	Q16	23.07	23.22	23.28	23.80
		HIGH	Q16	23.08	23.23	23.24	23.80
	6	LOW	Q16	22.11	21.93	22.27	22.80
1.4	1	LOW	64QAM	22.14	22.57	22.09	22.80
		MID	64QAM	22.01	22.30	22.09	22.80
		HIGH	64QAM	22.29	22.34	22.01	22.80
	3	LOW	64QAM	22.06	22.33	22.35	22.80
		MID	64QAM	22.13	22.37	22.41	22.80
		HIGH	64QAM	22.02	22.21	22.16	22.80
	6	LOW	64QAM	21.09	20.83	21.18	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.00	24.02	24.01	24.80
		MID	QPSK	24.02	24.02	24.07	24.80
		HIGH	QPSK	23.98	24.01	24.11	24.80
	8	LOW	QPSK	23.00	23.04	23.09	23.80
		MID	QPSK	23.03	23.06	23.14	23.80
		HIGH	QPSK	23.00	23.00	23.13	23.80
	15	LOW	QPSK	23.03	23.02	23.11	23.80
3	1	LOW	Q16	22.93	23.44	23.10	23.80
		MID	Q16	22.94	23.46	23.13	23.80
		HIGH	Q16	22.91	23.44	23.15	23.80
	8	LOW	Q16	22.09	22.11	22.11	22.80
		MID	Q16	22.11	22.14	22.17	22.80
		HIGH	Q16	22.12	22.08	22.15	22.80
	15	LOW	Q16	22.06	22.06	22.05	22.80
3	1	LOW	64QAM	21.85	22.44	22.24	22.80
		MID	64QAM	21.92	22.45	22.13	22.80
		HIGH	64QAM	21.82	22.30	22.10	22.80
	8	LOW	64QAM	21.08	21.00	20.98	22.80
		MID	64QAM	21.15	21.21	21.27	22.80
		HIGH	64QAM	21.21	21.13	21.06	22.80
	15	LOW	64QAM	21.00	21.17	21.02	21.80

LTE B12-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.15	24.09	24.10	24.80
		MID	QPSK	24.17	24.07	24.10	24.80
		HIGH	QPSK	24.21	24.11	24.21	24.80
	12	LOW	QPSK	23.03	23.12	23.11	23.80
		MID	QPSK	23.05	23.10	23.11	23.80
		HIGH	QPSK	23.07	23.02	23.06	23.80
	25	LOW	QPSK	23.03	23.05	23.10	23.80
5	1	LOW	Q16	23.27	23.65	23.16	23.80
		MID	Q16	23.29	23.65	23.12	23.80
		HIGH	Q16	23.36	23.68	23.23	23.80
	12	LOW	Q16	22.08	22.19	22.16	22.80
		MID	Q16	22.09	22.16	22.13	22.80
		HIGH	Q16	22.14	22.15	22.09	22.80
	25	LOW	Q16	22.05	22.11	22.05	22.80
5	1	LOW	64QAM	22.26	22.71	22.11	22.80
		MID	64QAM	22.27	22.53	21.99	22.80
		HIGH	64QAM	22.30	22.66	22.29	22.80
	12	LOW	64QAM	21.22	21.26	21.26	21.80
		MID	64QAM	21.18	21.06	21.13	21.80
		HIGH	64QAM	21.16	21.09	21.10	21.80
	25	LOW	64QAM	21.09	21.13	21.00	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.01	23.79	23.86	24.80
		MID	QPSK	24.05	23.93	23.94	24.80
		HIGH	QPSK	24.09	23.94	24.01	24.80
	25	LOW	QPSK	22.96	22.85	22.92	23.80
		MID	QPSK	23.05	22.89	22.92	23.80
		HIGH	QPSK	23.10	22.85	22.95	23.80
	50	LOW	QPSK	23.04	22.87	22.97	23.80
10	1	LOW	Q16	22.90	23.17	22.85	23.80
		MID	Q16	22.96	23.29	22.96	23.80
		HIGH	Q16	22.99	23.32	23.00	23.80
	25	LOW	Q16	21.98	21.89	22.04	22.80
		MID	Q16	22.05	21.92	22.02	22.80
		HIGH	Q16	22.13	21.86	22.04	22.80
	50	LOW	Q16	22.04	21.87	21.97	22.80
10	1	LOW	64QAM	22.04	22.26	21.83	22.80
		MID	64QAM	22.02	22.16	21.85	22.80
		HIGH	64QAM	21.84	22.42	21.86	22.80
	25	LOW	64QAM	20.83	20.92	21.05	21.80
		MID	64QAM	21.04	20.95	20.87	21.80
		HIGH	64QAM	21.26	20.81	21.14	21.80
	50	LOW	64QAM	21.19	20.75	20.94	21.80

LTE B12-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.99	24.01	24.80
		MID	QPSK	23.89	23.99	24.05	24.80
		HIGH	QPSK	23.94	24.00	24.07	24.80
	3	LOW	QPSK	24.01	24.07	24.11	24.80
		MID	QPSK	24.03	24.03	24.14	24.80
		HIGH	QPSK	24.02	24.03	24.14	24.80
	6	LOW	QPSK	22.99	23.07	23.13	23.80
1.4	1	LOW	Q16	23.08	23.46	23.10	23.80
		MID	Q16	23.15	23.41	23.17	23.80
		HIGH	Q16	23.17	23.42	23.15	23.80
	3	LOW	Q16	23.02	23.26	23.24	23.80
		MID	Q16	23.07	23.22	23.28	23.80
		HIGH	Q16	23.08	23.23	23.24	23.80
	6	LOW	Q16	22.11	21.93	22.27	22.80
1.4	1	LOW	64QAM	22.14	22.57	22.09	22.80
		MID	64QAM	22.01	22.30	22.09	22.80
		HIGH	64QAM	22.29	22.34	22.01	22.80
	3	LOW	64QAM	22.06	22.33	22.35	22.80
		MID	64QAM	22.13	22.37	22.41	22.80
		HIGH	64QAM	22.02	22.21	22.16	22.80
	6	LOW	64QAM	21.09	20.83	21.18	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.00	24.02	24.01	24.80
		MID	QPSK	24.02	24.02	24.07	24.80
		HIGH	QPSK	23.98	24.01	24.11	24.80
	8	LOW	QPSK	23.00	23.04	23.09	23.80
		MID	QPSK	23.03	23.06	23.14	23.80
		HIGH	QPSK	23.00	23.00	23.13	23.80
	15	LOW	QPSK	23.03	23.02	23.11	23.80
3	1	LOW	Q16	22.93	23.44	23.10	23.80
		MID	Q16	22.94	23.46	23.13	23.80
		HIGH	Q16	22.91	23.44	23.15	23.80
	8	LOW	Q16	22.09	22.11	22.11	22.80
		MID	Q16	22.11	22.14	22.17	22.80
		HIGH	Q16	22.12	22.08	22.15	22.80
	15	LOW	Q16	22.06	22.06	22.05	22.80
3	1	LOW	64QAM	21.85	22.44	22.24	22.80
		MID	64QAM	21.92	22.45	22.13	22.80
		HIGH	64QAM	21.82	22.30	22.10	22.80
	8	LOW	64QAM	21.08	21.00	20.98	22.80
		MID	64QAM	21.15	21.21	21.27	22.80
		HIGH	64QAM	21.21	21.13	21.06	22.80
	15	LOW	64QAM	21.00	21.17	21.02	21.80

LTE B12-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.15	24.09	24.10	24.80
		MID	QPSK	24.17	24.07	24.10	24.80
		HIGH	QPSK	24.21	24.11	24.21	24.80
	12	LOW	QPSK	23.03	23.12	23.11	23.80
		MID	QPSK	23.05	23.10	23.11	23.80
		HIGH	QPSK	23.07	23.02	23.06	23.80
	25	LOW	QPSK	23.03	23.05	23.10	23.80
5	1	LOW	Q16	23.27	23.65	23.16	23.80
		MID	Q16	23.29	23.65	23.12	23.80
		HIGH	Q16	23.36	23.68	23.23	23.80
	12	LOW	Q16	22.08	22.19	22.16	22.80
		MID	Q16	22.09	22.16	22.13	22.80
		HIGH	Q16	22.14	22.15	22.09	22.80
	25	LOW	Q16	22.05	22.11	22.05	22.80
5	1	LOW	64QAM	22.26	22.71	22.11	22.80
		MID	64QAM	22.27	22.53	21.99	22.80
		HIGH	64QAM	22.30	22.66	22.29	22.80
	12	LOW	64QAM	21.22	21.26	21.26	21.80
		MID	64QAM	21.18	21.06	21.13	21.80
		HIGH	64QAM	21.16	21.09	21.10	21.80
	25	LOW	64QAM	21.09	21.13	21.00	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.01	23.79	23.86	24.80
		MID	QPSK	24.05	23.93	23.94	24.80
		HIGH	QPSK	24.09	23.94	24.01	24.80
	25	LOW	QPSK	22.96	22.85	22.92	23.80
		MID	QPSK	23.05	22.89	22.92	23.80
		HIGH	QPSK	23.10	22.85	22.95	23.80
	50	LOW	QPSK	23.04	22.87	22.97	23.80
10	1	LOW	Q16	22.90	23.17	22.85	23.80
		MID	Q16	22.96	23.29	22.96	23.80
		HIGH	Q16	22.99	23.32	23.00	23.80
	25	LOW	Q16	21.98	21.89	22.04	22.80
		MID	Q16	22.05	21.92	22.02	22.80
		HIGH	Q16	22.13	21.86	22.04	22.80
	50	LOW	Q16	22.04	21.87	21.97	22.80
10	1	LOW	64QAM	22.04	22.26	21.83	22.80
		MID	64QAM	22.02	22.16	21.85	22.80
		HIGH	64QAM	21.84	22.42	21.86	22.80
	25	LOW	64QAM	20.83	20.92	21.05	21.80
		MID	64QAM	21.04	20.95	20.87	21.80
		HIGH	64QAM	21.26	20.81	21.14	21.80
	50	LOW	64QAM	21.19	20.75	20.94	21.80

LTE B12-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.99	24.01	24.80
		MID	QPSK	23.89	23.99	24.05	24.80
		HIGH	QPSK	23.94	24.00	24.07	24.80
	3	LOW	QPSK	24.01	24.07	24.11	24.80
		MID	QPSK	24.03	24.03	24.14	24.80
		HIGH	QPSK	24.02	24.03	24.14	24.80
	6	LOW	QPSK	22.99	23.07	23.13	23.80
1.4	1	LOW	Q16	23.08	23.46	23.10	23.80
		MID	Q16	23.15	23.41	23.17	23.80
		HIGH	Q16	23.17	23.42	23.15	23.80
	3	LOW	Q16	23.02	23.26	23.24	23.80
		MID	Q16	23.07	23.22	23.28	23.80
		HIGH	Q16	23.08	23.23	23.24	23.80
	6	LOW	Q16	22.11	21.93	22.27	22.80
1.4	1	LOW	64QAM	22.14	22.57	22.09	22.80
		MID	64QAM	22.01	22.30	22.09	22.80
		HIGH	64QAM	22.29	22.34	22.01	22.80
	3	LOW	64QAM	22.06	22.33	22.35	22.80
		MID	64QAM	22.13	22.37	22.41	22.80
		HIGH	64QAM	22.02	22.21	22.16	22.80
	6	LOW	64QAM	21.09	20.83	21.18	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.00	24.02	24.01	24.80
		MID	QPSK	24.02	24.02	24.07	24.80
		HIGH	QPSK	23.98	24.01	24.11	24.80
	8	LOW	QPSK	23.00	23.04	23.09	23.80
		MID	QPSK	23.03	23.06	23.14	23.80
		HIGH	QPSK	23.00	23.00	23.13	23.80
	15	LOW	QPSK	23.03	23.02	23.11	23.80
3	1	LOW	Q16	22.93	23.44	23.10	23.80
		MID	Q16	22.94	23.46	23.13	23.80
		HIGH	Q16	22.91	23.44	23.15	23.80
	8	LOW	Q16	22.09	22.11	22.11	22.80
		MID	Q16	22.11	22.14	22.17	22.80
		HIGH	Q16	22.12	22.08	22.15	22.80
	15	LOW	Q16	22.06	22.06	22.05	22.80
3	1	LOW	64QAM	21.85	22.44	22.24	22.80
		MID	64QAM	21.92	22.45	22.13	22.80
		HIGH	64QAM	21.82	22.30	22.10	22.80
	8	LOW	64QAM	21.08	21.00	20.98	22.80
		MID	64QAM	21.15	21.21	21.27	22.80
		HIGH	64QAM	21.21	21.13	21.06	22.80
	15	LOW	64QAM	21.00	21.17	21.02	21.80

LTE B12-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.15	24.09	24.10	24.80
		MID	QPSK	24.17	24.07	24.10	24.80
		HIGH	QPSK	24.21	24.11	24.21	24.80
	12	LOW	QPSK	23.03	23.12	23.11	23.80
		MID	QPSK	23.05	23.10	23.11	23.80
		HIGH	QPSK	23.07	23.02	23.06	23.80
	25	LOW	QPSK	23.03	23.05	23.10	23.80
5	1	LOW	Q16	23.27	23.65	23.16	23.80
		MID	Q16	23.29	23.65	23.12	23.80
		HIGH	Q16	23.36	23.68	23.23	23.80
	12	LOW	Q16	22.08	22.19	22.16	22.80
		MID	Q16	22.09	22.16	22.13	22.80
		HIGH	Q16	22.14	22.15	22.09	22.80
	25	LOW	Q16	22.05	22.11	22.05	22.80
5	1	LOW	64QAM	22.26	22.71	22.11	22.80
		MID	64QAM	22.27	22.53	21.99	22.80
		HIGH	64QAM	22.30	22.66	22.29	22.80
	12	LOW	64QAM	21.22	21.26	21.26	21.80
		MID	64QAM	21.18	21.06	21.13	21.80
		HIGH	64QAM	21.16	21.09	21.10	21.80
	25	LOW	64QAM	21.09	21.13	21.00	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.01	23.79	23.86	24.80
		MID	QPSK	24.05	23.93	23.94	24.80
		HIGH	QPSK	24.09	23.94	24.01	24.80
	25	LOW	QPSK	22.96	22.85	22.92	23.80
		MID	QPSK	23.05	22.89	22.92	23.80
		HIGH	QPSK	23.10	22.85	22.95	23.80
	50	LOW	QPSK	23.04	22.87	22.97	23.80
10	1	LOW	Q16	22.90	23.17	22.85	23.80
		MID	Q16	22.96	23.29	22.96	23.80
		HIGH	Q16	22.99	23.32	23.00	23.80
	25	LOW	Q16	21.98	21.89	22.04	22.80
		MID	Q16	22.05	21.92	22.02	22.80
		HIGH	Q16	22.13	21.86	22.04	22.80
	50	LOW	Q16	22.04	21.87	21.97	22.80
10	1	LOW	64QAM	22.04	22.26	21.83	22.80
		MID	64QAM	22.02	22.16	21.85	22.80
		HIGH	64QAM	21.84	22.42	21.86	22.80
	25	LOW	64QAM	20.83	20.92	21.05	21.80
		MID	64QAM	21.04	20.95	20.87	21.80
		HIGH	64QAM	21.26	20.81	21.14	21.80
	50	LOW	64QAM	21.19	20.75	20.94	21.80

LTE B12-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.99	24.01	24.80
		MID	QPSK	23.89	23.99	24.05	24.80
		HIGH	QPSK	23.94	24.00	24.07	24.80
	3	LOW	QPSK	24.01	24.07	24.11	24.80
		MID	QPSK	24.03	24.03	24.14	24.80
		HIGH	QPSK	24.02	24.03	24.14	24.80
	6	LOW	QPSK	22.99	23.07	23.13	23.80
1.4	1	LOW	Q16	23.08	23.46	23.10	23.80
		MID	Q16	23.15	23.41	23.17	23.80
		HIGH	Q16	23.17	23.42	23.15	23.80
	3	LOW	Q16	23.02	23.26	23.24	23.80
		MID	Q16	23.07	23.22	23.28	23.80
		HIGH	Q16	23.08	23.23	23.24	23.80
	6	LOW	Q16	22.11	21.93	22.27	22.80
1.4	1	LOW	64QAM	22.14	22.57	22.09	22.80
		MID	64QAM	22.01	22.30	22.09	22.80
		HIGH	64QAM	22.29	22.34	22.01	22.80
	3	LOW	64QAM	22.06	22.33	22.35	22.80
		MID	64QAM	22.13	22.37	22.41	22.80
		HIGH	64QAM	22.02	22.21	22.16	22.80
	6	LOW	64QAM	21.09	20.83	21.18	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.00	24.02	24.01	24.80
		MID	QPSK	24.02	24.02	24.07	24.80
		HIGH	QPSK	23.98	24.01	24.11	24.80
	8	LOW	QPSK	23.00	23.04	23.09	23.80
		MID	QPSK	23.03	23.06	23.14	23.80
		HIGH	QPSK	23.00	23.00	23.13	23.80
	15	LOW	QPSK	23.03	23.02	23.11	23.80
3	1	LOW	Q16	22.93	23.44	23.10	23.80
		MID	Q16	22.94	23.46	23.13	23.80
		HIGH	Q16	22.91	23.44	23.15	23.80
	8	LOW	Q16	22.09	22.11	22.11	22.80
		MID	Q16	22.11	22.14	22.17	22.80
		HIGH	Q16	22.12	22.08	22.15	22.80
	15	LOW	Q16	22.06	22.06	22.05	22.80
3	1	LOW	64QAM	21.85	22.44	22.24	22.80
		MID	64QAM	21.92	22.45	22.13	22.80
		HIGH	64QAM	21.82	22.30	22.10	22.80
	8	LOW	64QAM	21.08	21.00	20.98	22.80
		MID	64QAM	21.15	21.21	21.27	22.80
		HIGH	64QAM	21.21	21.13	21.06	22.80
	15	LOW	64QAM	21.00	21.17	21.02	21.80

LTE B12-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.15	24.09	24.10	24.80
		MID	QPSK	24.17	24.07	24.10	24.80
		HIGH	QPSK	24.21	24.11	24.21	24.80
	12	LOW	QPSK	23.03	23.12	23.11	23.80
		MID	QPSK	23.05	23.10	23.11	23.80
		HIGH	QPSK	23.07	23.02	23.06	23.80
	25	LOW	QPSK	23.03	23.05	23.10	23.80
5	1	LOW	Q16	23.27	23.65	23.16	23.80
		MID	Q16	23.29	23.65	23.12	23.80
		HIGH	Q16	23.36	23.68	23.23	23.80
	12	LOW	Q16	22.08	22.19	22.16	22.80
		MID	Q16	22.09	22.16	22.13	22.80
		HIGH	Q16	22.14	22.15	22.09	22.80
	25	LOW	Q16	22.05	22.11	22.05	22.80
5	1	LOW	64QAM	22.26	22.71	22.11	22.80
		MID	64QAM	22.27	22.53	21.99	22.80
		HIGH	64QAM	22.30	22.66	22.29	22.80
	12	LOW	64QAM	21.22	21.26	21.26	21.80
		MID	64QAM	21.18	21.06	21.13	21.80
		HIGH	64QAM	21.16	21.09	21.10	21.80
	25	LOW	64QAM	21.09	21.13	21.00	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.01	23.79	23.86	24.80
		MID	QPSK	24.05	23.93	23.94	24.80
		HIGH	QPSK	24.09	23.94	24.01	24.80
	25	LOW	QPSK	22.96	22.85	22.92	23.80
		MID	QPSK	23.05	22.89	22.92	23.80
		HIGH	QPSK	23.10	22.85	22.95	23.80
	50	LOW	QPSK	23.04	22.87	22.97	23.80
10	1	LOW	Q16	22.90	23.17	22.85	23.80
		MID	Q16	22.96	23.29	22.96	23.80
		HIGH	Q16	22.99	23.32	23.00	23.80
	25	LOW	Q16	21.98	21.89	22.04	22.80
		MID	Q16	22.05	21.92	22.02	22.80
		HIGH	Q16	22.13	21.86	22.04	22.80
	50	LOW	Q16	22.04	21.87	21.97	22.80
10	1	LOW	64QAM	22.04	22.26	21.83	22.80
		MID	64QAM	22.02	22.16	21.85	22.80
		HIGH	64QAM	21.84	22.42	21.86	22.80
	25	LOW	64QAM	20.83	20.92	21.05	21.80
		MID	64QAM	21.04	20.95	20.87	21.80
		HIGH	64QAM	21.26	20.81	21.14	21.80
	50	LOW	64QAM	21.19	20.75	20.94	21.80

8.3.6 LTE Band17 Output Power

LTE B17-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.76	23.90	24.50
		MID	QPSK	23.99	23.87	23.93	24.50
		HIGH	QPSK	24.05	23.95	24.03	24.50
	12	LOW	QPSK	22.83	22.95	22.87	23.50
		MID	QPSK	22.79	22.86	22.93	23.50
		HIGH	QPSK	22.82	22.83	22.89	23.50
	25	LOW	QPSK	22.83	22.88	22.93	23.50
5	1	LOW	Q16	23.08	23.38	22.96	23.50
		MID	Q16	23.10	23.45	22.94	23.50
		HIGH	Q16	23.18	23.50	23.02	23.50
	12	LOW	Q16	21.89	22.00	21.96	22.50
		MID	Q16	21.88	21.96	21.99	22.50
		HIGH	Q16	21.89	21.95	21.90	22.50
	25	LOW	Q16	21.85	21.93	21.90	22.50
5	1	LOW	64QAM	22.21	22.36	21.91	22.50
		MID	64QAM	22.03	22.39	21.87	22.50
		HIGH	64QAM	22.09	22.50	22.04	22.50
	12	LOW	64QAM	20.90	21.00	21.11	21.50
		MID	64QAM	20.93	20.98	21.09	21.50
		HIGH	64QAM	20.95	20.87	20.87	21.50
	25	LOW	64QAM	20.88	20.90	20.95	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	23.64	23.59	24.50
		MID	QPSK	23.89	23.68	23.75	24.50
		HIGH	QPSK	23.94	23.82	23.89	24.50
	25	LOW	QPSK	22.81	22.68	22.71	23.50
		MID	QPSK	22.85	22.73	22.71	23.50
		HIGH	QPSK	22.88	22.72	22.73	23.50
	50	LOW	QPSK	22.90	22.77	22.75	23.50
10	1	LOW	Q16	22.70	23.05	22.63	23.50
		MID	Q16	22.82	23.13	22.78	23.50
		HIGH	Q16	22.85	23.19	22.87	23.50
	25	LOW	Q16	21.86	21.76	21.81	22.50
		MID	Q16	21.88	21.76	21.81	22.50
		HIGH	Q16	21.86	21.78	21.86	22.50
	50	LOW	Q16	21.87	21.74	21.75	22.50
10	1	LOW	64QAM	21.79	22.11	21.51	22.50
		MID	64QAM	21.96	22.24	21.86	22.50
		HIGH	64QAM	21.91	22.19	21.79	22.50
	25	LOW	64QAM	20.88	20.63	20.88	21.50
		MID	64QAM	20.81	20.61	20.73	21.50
		HIGH	64QAM	20.73	20.91	20.71	21.50
	50	LOW	64QAM	20.77	20.85	20.60	21.50

LTE B17-Level1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.76	23.90	24.50
		MID	QPSK	23.99	23.87	23.93	24.50
		HIGH	QPSK	24.05	23.95	24.03	24.50
	12	LOW	QPSK	22.83	22.95	22.87	23.50
		MID	QPSK	22.79	22.86	22.93	23.50
		HIGH	QPSK	22.82	22.83	22.89	23.50
	25	LOW	QPSK	22.83	22.88	22.93	23.50
5	1	LOW	Q16	23.08	23.38	22.96	23.50
		MID	Q16	23.10	23.45	22.94	23.50
		HIGH	Q16	23.18	23.50	23.02	23.50
	12	LOW	Q16	21.89	22.00	21.96	22.50
		MID	Q16	21.88	21.96	21.99	22.50
		HIGH	Q16	21.89	21.95	21.90	22.50
	25	LOW	Q16	21.85	21.93	21.90	22.50
5	1	LOW	64QAM	22.21	22.36	21.91	22.50
		MID	64QAM	22.03	22.39	21.87	22.50
		HIGH	64QAM	22.09	22.50	22.04	22.50
	12	LOW	64QAM	20.90	21.00	21.11	21.50
		MID	64QAM	20.93	20.98	21.09	21.50
		HIGH	64QAM	20.95	20.87	20.87	21.50
	25	LOW	64QAM	20.88	20.90	20.95	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	23.64	23.59	24.50
		MID	QPSK	23.89	23.68	23.75	24.50
		HIGH	QPSK	23.94	23.82	23.89	24.50
	25	LOW	QPSK	22.81	22.68	22.71	23.50
		MID	QPSK	22.85	22.73	22.71	23.50
		HIGH	QPSK	22.88	22.72	22.73	23.50
	50	LOW	QPSK	22.90	22.77	22.75	23.50
10	1	LOW	Q16	22.70	23.05	22.63	23.50
		MID	Q16	22.82	23.13	22.78	23.50
		HIGH	Q16	22.85	23.19	22.87	23.50
	25	LOW	Q16	21.86	21.76	21.81	22.50
		MID	Q16	21.88	21.76	21.81	22.50
		HIGH	Q16	21.86	21.78	21.86	22.50
	50	LOW	Q16	21.87	21.74	21.75	22.50
10	1	LOW	64QAM	21.79	22.11	21.51	22.50
		MID	64QAM	21.96	22.24	21.86	22.50
		HIGH	64QAM	21.91	22.19	21.79	22.50
	25	LOW	64QAM	20.88	20.63	20.88	21.50
		MID	64QAM	20.81	20.61	20.73	21.50
		HIGH	64QAM	20.73	20.91	20.71	21.50
	50	LOW	64QAM	20.77	20.85	20.60	21.50

LTE B17-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power (dBm)
5	1	LOW	QPSK	23.34	23.01	23.25	24.00
		MID	QPSK	23.31	23.15	23.13	24.00
		HIGH	QPSK	23.31	23.14	23.47	24.00
	12	LOW	QPSK	22.77	22.79	22.62	23.50
		MID	QPSK	22.72	22.64	22.81	23.50
		HIGH	QPSK	22.83	22.82	22.84	23.50
	25	LOW	QPSK	22.91	22.78	22.92	23.50
5	1	LOW	Q16	22.70	22.64	22.98	23.50
		MID	Q16	23.03	22.62	23.10	23.50
		HIGH	Q16	22.94	22.84	23.31	23.50
	12	LOW	Q16	21.94	21.83	21.91	22.50
		MID	Q16	21.85	21.79	21.67	22.50
		HIGH	Q16	21.84	21.64	21.76	22.50
	25	LOW	Q16	21.77	21.85	21.73	22.50
5	1	LOW	64QAM	21.78	21.71	21.93	22.50
		MID	64QAM	21.92	21.68	22.18	22.50
		HIGH	64QAM	21.92	21.74	22.22	22.50
	12	LOW	64QAM	21.04	20.74	20.76	21.50
		MID	64QAM	20.97	20.84	20.82	21.50
		HIGH	64QAM	20.93	20.80	20.73	21.50
	25	LOW	64QAM	20.79	20.87	20.64	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power (dBm)
10	1	LOW	QPSK	23.22	23.13	23.10	24.00
		MID	QPSK	23.39	23.26	23.24	24.00
		HIGH	QPSK	23.45	23.29	23.35	24.00
	25	LOW	QPSK	22.85	22.74	22.77	23.50
		MID	QPSK	22.86	22.75	22.77	23.50
		HIGH	QPSK	22.91	22.73	22.83	23.50
	50	LOW	QPSK	22.91	22.81	22.80	23.50
10	1	LOW	Q16	22.78	22.58	22.99	23.50
		MID	Q16	22.92	22.72	23.11	23.50
		HIGH	Q16	22.95	22.73	23.24	23.50
	25	LOW	Q16	21.94	21.75	21.83	22.50
		MID	Q16	21.97	21.77	21.80	22.50
		HIGH	Q16	21.99	21.77	21.76	22.50
	50	LOW	Q16	21.89	21.76	21.79	22.50
10	1	LOW	64QAM	21.75	21.70	22.13	22.50
		MID	64QAM	21.78	21.73	22.01	22.50
		HIGH	64QAM	21.82	21.84	22.22	22.50
	25	LOW	64QAM	21.00	20.80	20.77	21.50
		MID	64QAM	20.96	20.66	20.76	21.50
		HIGH	64QAM	21.14	20.79	20.79	21.50
	50	LOW	64QAM	20.74	20.67	20.65	21.50

LTE B17-Level4-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.76	23.90	24.50
		MID	QPSK	23.99	23.87	23.93	24.50
		HIGH	QPSK	24.05	23.95	24.03	24.50
	12	LOW	QPSK	22.83	22.95	22.87	23.50
		MID	QPSK	22.79	22.86	22.93	23.50
		HIGH	QPSK	22.82	22.83	22.89	23.50
	25	LOW	QPSK	22.83	22.88	22.93	23.50
5	1	LOW	Q16	23.08	23.38	22.96	23.50
		MID	Q16	23.10	23.45	22.94	23.50
		HIGH	Q16	23.18	23.50	23.02	23.50
	12	LOW	Q16	21.89	22.00	21.96	22.50
		MID	Q16	21.88	21.96	21.99	22.50
		HIGH	Q16	21.89	21.95	21.90	22.50
	25	LOW	Q16	21.85	21.93	21.90	22.50
5	1	LOW	64QAM	22.21	22.36	21.91	22.50
		MID	64QAM	22.03	22.39	21.87	22.50
		HIGH	64QAM	22.09	22.50	22.04	22.50
	12	LOW	64QAM	20.90	21.00	21.11	21.50
		MID	64QAM	20.93	20.98	21.09	21.50
		HIGH	64QAM	20.95	20.87	20.87	21.50
	25	LOW	64QAM	20.88	20.90	20.95	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	23.64	23.59	24.50
		MID	QPSK	23.89	23.68	23.75	24.50
		HIGH	QPSK	23.94	23.82	23.89	24.50
	25	LOW	QPSK	22.81	22.68	22.71	23.50
		MID	QPSK	22.85	22.73	22.71	23.50
		HIGH	QPSK	22.88	22.72	22.73	23.50
	50	LOW	QPSK	22.90	22.77	22.75	23.50
10	1	LOW	Q16	22.70	23.05	22.63	23.50
		MID	Q16	22.82	23.13	22.78	23.50
		HIGH	Q16	22.85	23.19	22.87	23.50
	25	LOW	Q16	21.86	21.76	21.81	22.50
		MID	Q16	21.88	21.76	21.81	22.50
		HIGH	Q16	21.86	21.78	21.86	22.50
	50	LOW	Q16	21.87	21.74	21.75	22.50
10	1	LOW	64QAM	21.79	22.11	21.51	22.50
		MID	64QAM	21.96	22.24	21.86	22.50
		HIGH	64QAM	21.91	22.19	21.79	22.50
	25	LOW	64QAM	20.88	20.63	20.88	21.50
		MID	64QAM	20.81	20.61	20.73	21.50
		HIGH	64QAM	20.73	20.91	20.71	21.50
	50	LOW	64QAM	20.77	20.85	20.60	21.50

LTE B17-Level4-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.76	23.90	24.50
		MID	QPSK	23.99	23.87	23.93	24.50
		HIGH	QPSK	24.05	23.95	24.03	24.50
	12	LOW	QPSK	22.83	22.95	22.87	23.50
		MID	QPSK	22.79	22.86	22.93	23.50
		HIGH	QPSK	22.82	22.83	22.89	23.50
	25	LOW	QPSK	22.83	22.88	22.93	23.50
5	1	LOW	Q16	23.08	23.38	22.96	23.50
		MID	Q16	23.10	23.45	22.94	23.50
		HIGH	Q16	23.18	23.50	23.02	23.50
	12	LOW	Q16	21.89	22.00	21.96	22.50
		MID	Q16	21.88	21.96	21.99	22.50
		HIGH	Q16	21.89	21.95	21.90	22.50
	25	LOW	Q16	21.85	21.93	21.90	22.50
5	1	LOW	64QAM	22.21	22.36	21.91	22.50
		MID	64QAM	22.03	22.39	21.87	22.50
		HIGH	64QAM	22.09	22.50	22.04	22.50
	12	LOW	64QAM	20.90	21.00	21.11	21.50
		MID	64QAM	20.93	20.98	21.09	21.50
		HIGH	64QAM	20.95	20.87	20.87	21.50
	25	LOW	64QAM	20.88	20.90	20.95	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	23.64	23.59	24.50
		MID	QPSK	23.89	23.68	23.75	24.50
		HIGH	QPSK	23.94	23.82	23.89	24.50
	25	LOW	QPSK	22.81	22.68	22.71	23.50
		MID	QPSK	22.85	22.73	22.71	23.50
		HIGH	QPSK	22.88	22.72	22.73	23.50
	50	LOW	QPSK	22.90	22.77	22.75	23.50
10	1	LOW	Q16	22.70	23.05	22.63	23.50
		MID	Q16	22.82	23.13	22.78	23.50
		HIGH	Q16	22.85	23.19	22.87	23.50
	25	LOW	Q16	21.86	21.76	21.81	22.50
		MID	Q16	21.88	21.76	21.81	22.50
		HIGH	Q16	21.86	21.78	21.86	22.50
	50	LOW	Q16	21.87	21.74	21.75	22.50
10	1	LOW	64QAM	21.79	22.11	21.51	22.50
		MID	64QAM	21.96	22.24	21.86	22.50
		HIGH	64QAM	21.91	22.19	21.79	22.50
	25	LOW	64QAM	20.88	20.63	20.88	21.50
		MID	64QAM	20.81	20.61	20.73	21.50
		HIGH	64QAM	20.73	20.91	20.71	21.50
	50	LOW	64QAM	20.77	20.85	20.60	21.50

LTE B17-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.76	23.90	24.50
		MID	QPSK	23.99	23.87	23.93	24.50
		HIGH	QPSK	24.05	23.95	24.03	24.50
	12	LOW	QPSK	22.83	22.95	22.87	23.50
		MID	QPSK	22.79	22.86	22.93	23.50
		HIGH	QPSK	22.82	22.83	22.89	23.50
	25	LOW	QPSK	22.83	22.88	22.93	23.50
5	1	LOW	Q16	23.08	23.38	22.96	23.50
		MID	Q16	23.10	23.45	22.94	23.50
		HIGH	Q16	23.18	23.50	23.02	23.50
	12	LOW	Q16	21.89	22.00	21.96	22.50
		MID	Q16	21.88	21.96	21.99	22.50
		HIGH	Q16	21.89	21.95	21.90	22.50
	25	LOW	Q16	21.85	21.93	21.90	22.50
5	1	LOW	64QAM	22.21	22.36	21.91	22.50
		MID	64QAM	22.03	22.39	21.87	22.50
		HIGH	64QAM	22.09	22.50	22.04	22.50
	12	LOW	64QAM	20.90	21.00	21.11	21.50
		MID	64QAM	20.93	20.98	21.09	21.50
		HIGH	64QAM	20.95	20.87	20.87	21.50
	25	LOW	64QAM	20.88	20.90	20.95	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	23.64	23.59	24.50
		MID	QPSK	23.89	23.68	23.75	24.50
		HIGH	QPSK	23.94	23.82	23.89	24.50
	25	LOW	QPSK	22.81	22.68	22.71	23.50
		MID	QPSK	22.85	22.73	22.71	23.50
		HIGH	QPSK	22.88	22.72	22.73	23.50
	50	LOW	QPSK	22.90	22.77	22.75	23.50
10	1	LOW	Q16	22.70	23.05	22.63	23.50
		MID	Q16	22.82	23.13	22.78	23.50
		HIGH	Q16	22.85	23.19	22.87	23.50
	25	LOW	Q16	21.86	21.76	21.81	22.50
		MID	Q16	21.88	21.76	21.81	22.50
		HIGH	Q16	21.86	21.78	21.86	22.50
	50	LOW	Q16	21.87	21.74	21.75	22.50
10	1	LOW	64QAM	21.79	22.11	21.51	22.50
		MID	64QAM	21.96	22.24	21.86	22.50
		HIGH	64QAM	21.91	22.19	21.79	22.50
	25	LOW	64QAM	20.88	20.63	20.88	21.50
		MID	64QAM	20.81	20.61	20.73	21.50
		HIGH	64QAM	20.73	20.91	20.71	21.50
	50	LOW	64QAM	20.77	20.85	20.60	21.50

LTE B17-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	23.76	23.90	24.50
		MID	QPSK	23.99	23.87	23.93	24.50
		HIGH	QPSK	24.05	23.95	24.03	24.50
	12	LOW	QPSK	22.83	22.95	22.87	23.50
		MID	QPSK	22.79	22.86	22.93	23.50
		HIGH	QPSK	22.82	22.83	22.89	23.50
	25	LOW	QPSK	22.83	22.88	22.93	23.50
5	1	LOW	Q16	23.08	23.38	22.96	23.50
		MID	Q16	23.10	23.45	22.94	23.50
		HIGH	Q16	23.18	23.50	23.02	23.50
	12	LOW	Q16	21.89	22.00	21.96	22.50
		MID	Q16	21.88	21.96	21.99	22.50
		HIGH	Q16	21.89	21.95	21.90	22.50
	25	LOW	Q16	21.85	21.93	21.90	22.50
5	1	LOW	64QAM	22.21	22.36	21.91	22.50
		MID	64QAM	22.03	22.39	21.87	22.50
		HIGH	64QAM	22.09	22.50	22.04	22.50
	12	LOW	64QAM	20.90	21.00	21.11	21.50
		MID	64QAM	20.93	20.98	21.09	21.50
		HIGH	64QAM	20.95	20.87	20.87	21.50
	25	LOW	64QAM	20.88	20.90	20.95	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	23.64	23.59	24.50
		MID	QPSK	23.89	23.68	23.75	24.50
		HIGH	QPSK	23.94	23.82	23.89	24.50
	25	LOW	QPSK	22.81	22.68	22.71	23.50
		MID	QPSK	22.85	22.73	22.71	23.50
		HIGH	QPSK	22.88	22.72	22.73	23.50
	50	LOW	QPSK	22.90	22.77	22.75	23.50
10	1	LOW	Q16	22.70	23.05	22.63	23.50
		MID	Q16	22.82	23.13	22.78	23.50
		HIGH	Q16	22.85	23.19	22.87	23.50
	25	LOW	Q16	21.86	21.76	21.81	22.50
		MID	Q16	21.88	21.76	21.81	22.50
		HIGH	Q16	21.86	21.78	21.86	22.50
	50	LOW	Q16	21.87	21.74	21.75	22.50
10	1	LOW	64QAM	21.79	22.11	21.51	22.50
		MID	64QAM	21.96	22.24	21.86	22.50
		HIGH	64QAM	21.91	22.19	21.79	22.50
	25	LOW	64QAM	20.88	20.63	20.88	21.50
		MID	64QAM	20.81	20.61	20.73	21.50
		HIGH	64QAM	20.73	20.91	20.71	21.50
	50	LOW	64QAM	20.77	20.85	20.60	21.50

LTE B17-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.10	23.97	24.08	24.80
		MID	QPSK	24.16	24.03	24.10	24.80
		HIGH	QPSK	24.23	24.13	24.21	24.80
	12	LOW	QPSK	23.02	23.07	23.09	23.80
		MID	QPSK	23.00	23.00	23.12	23.80
		HIGH	QPSK	23.01	23.01	23.06	23.80
	25	LOW	QPSK	22.99	23.03	23.14	23.80
5	1	LOW	Q16	23.24	23.54	23.14	23.80
		MID	Q16	23.26	23.61	23.13	23.80
		HIGH	Q16	23.37	23.67	23.21	23.80
	12	LOW	Q16	22.07	22.15	22.10	22.80
		MID	Q16	22.03	22.14	22.15	22.80
		HIGH	Q16	22.06	22.12	22.10	22.80
	25	LOW	Q16	22.04	22.12	22.08	22.80
5	1	LOW	64QAM	22.17	22.39	22.26	22.80
		MID	64QAM	22.22	22.62	22.22	22.80
		HIGH	64QAM	22.42	22.57	22.15	22.80
	12	LOW	64QAM	21.02	21.09	21.03	21.80
		MID	64QAM	21.04	21.13	21.17	21.80
		HIGH	64QAM	21.14	21.10	21.09	21.80
	25	LOW	64QAM	21.04	21.18	21.09	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.81	23.78	24.80
		MID	QPSK	24.07	23.86	23.92	24.80
		HIGH	QPSK	24.11	23.99	24.04	24.80
	25	LOW	QPSK	23.03	22.86	22.92	23.80
		MID	QPSK	23.04	22.92	22.89	23.80
		HIGH	QPSK	23.06	22.90	22.94	23.80
	50	LOW	QPSK	23.07	22.93	22.94	23.80
10	1	LOW	Q16	22.88	23.22	22.83	23.80
		MID	Q16	23.00	23.26	22.93	23.80
		HIGH	Q16	23.02	23.41	23.05	23.80
	25	LOW	Q16	22.01	21.91	22.00	22.80
		MID	Q16	22.05	21.92	21.99	22.80
		HIGH	Q16	22.06	21.95	22.04	22.80
	50	LOW	Q16	22.02	21.92	21.94	22.80
10	1	LOW	64QAM	21.81	22.15	21.82	22.80
		MID	64QAM	21.89	22.15	21.93	22.80
		HIGH	64QAM	22.17	22.33	21.98	22.80
	25	LOW	64QAM	20.88	20.95	20.86	21.80
		MID	64QAM	20.98	20.90	21.11	21.80
		HIGH	64QAM	21.10	21.07	20.99	21.80
	50	LOW	64QAM	21.16	21.01	20.80	21.80

LTE B17-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.10	23.97	24.08	24.80
		MID	QPSK	24.16	24.03	24.10	24.80
		HIGH	QPSK	24.23	24.13	24.21	24.80
	12	LOW	QPSK	23.02	23.07	23.09	23.80
		MID	QPSK	23.00	23.00	23.12	23.80
		HIGH	QPSK	23.01	23.01	23.06	23.80
	25	LOW	QPSK	22.99	23.03	23.14	23.80
5	1	LOW	Q16	23.24	23.54	23.14	23.80
		MID	Q16	23.26	23.61	23.13	23.80
		HIGH	Q16	23.37	23.67	23.21	23.80
	12	LOW	Q16	22.07	22.15	22.10	22.80
		MID	Q16	22.03	22.14	22.15	22.80
		HIGH	Q16	22.06	22.12	22.10	22.80
	25	LOW	Q16	22.04	22.12	22.08	22.80
5	1	LOW	64QAM	22.17	22.39	22.26	22.80
		MID	64QAM	22.22	22.62	22.22	22.80
		HIGH	64QAM	22.42	22.57	22.15	22.80
	12	LOW	64QAM	21.02	21.09	21.03	21.80
		MID	64QAM	21.04	21.13	21.17	21.80
		HIGH	64QAM	21.14	21.10	21.09	21.80
	25	LOW	64QAM	21.04	21.18	21.09	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.81	23.78	24.80
		MID	QPSK	24.07	23.86	23.92	24.80
		HIGH	QPSK	24.11	23.99	24.04	24.80
	25	LOW	QPSK	23.03	22.86	22.92	23.80
		MID	QPSK	23.04	22.92	22.89	23.80
		HIGH	QPSK	23.06	22.90	22.94	23.80
	50	LOW	QPSK	23.07	22.93	22.94	23.80
10	1	LOW	Q16	22.88	23.22	22.83	23.80
		MID	Q16	23.00	23.26	22.93	23.80
		HIGH	Q16	23.02	23.41	23.05	23.80
	25	LOW	Q16	22.01	21.91	22.00	22.80
		MID	Q16	22.05	21.92	21.99	22.80
		HIGH	Q16	22.06	21.95	22.04	22.80
	50	LOW	Q16	22.02	21.92	21.94	22.80
10	1	LOW	64QAM	21.81	22.15	21.82	22.80
		MID	64QAM	21.89	22.15	21.93	22.80
		HIGH	64QAM	22.17	22.33	21.98	22.80
	25	LOW	64QAM	20.88	20.95	20.86	21.80
		MID	64QAM	20.98	20.90	21.11	21.80
		HIGH	64QAM	21.10	21.07	20.99	21.80
	50	LOW	64QAM	21.16	21.01	20.80	21.80

LTE B17-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.10	23.97	24.08	24.80
		MID	QPSK	24.16	24.03	24.10	24.80
		HIGH	QPSK	24.23	24.13	24.21	24.80
	12	LOW	QPSK	23.02	23.07	23.09	23.80
		MID	QPSK	23.00	23.00	23.12	23.80
		HIGH	QPSK	23.01	23.01	23.06	23.80
	25	LOW	QPSK	22.99	23.03	23.14	23.80
5	1	LOW	Q16	23.24	23.54	23.14	23.80
		MID	Q16	23.26	23.61	23.13	23.80
		HIGH	Q16	23.37	23.67	23.21	23.80
	12	LOW	Q16	22.07	22.15	22.10	22.80
		MID	Q16	22.03	22.14	22.15	22.80
		HIGH	Q16	22.06	22.12	22.10	22.80
	25	LOW	Q16	22.04	22.12	22.08	22.80
5	1	LOW	64QAM	22.17	22.39	22.26	22.80
		MID	64QAM	22.22	22.62	22.22	22.80
		HIGH	64QAM	22.42	22.57	22.15	22.80
	12	LOW	64QAM	21.02	21.09	21.03	21.80
		MID	64QAM	21.04	21.13	21.17	21.80
		HIGH	64QAM	21.14	21.10	21.09	21.80
	25	LOW	64QAM	21.04	21.18	21.09	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.81	23.78	24.80
		MID	QPSK	24.07	23.86	23.92	24.80
		HIGH	QPSK	24.11	23.99	24.04	24.80
	25	LOW	QPSK	23.03	22.86	22.92	23.80
		MID	QPSK	23.04	22.92	22.89	23.80
		HIGH	QPSK	23.06	22.90	22.94	23.80
	50	LOW	QPSK	23.07	22.93	22.94	23.80
10	1	LOW	Q16	22.88	23.22	22.83	23.80
		MID	Q16	23.00	23.26	22.93	23.80
		HIGH	Q16	23.02	23.41	23.05	23.80
	25	LOW	Q16	22.01	21.91	22.00	22.80
		MID	Q16	22.05	21.92	21.99	22.80
		HIGH	Q16	22.06	21.95	22.04	22.80
	50	LOW	Q16	22.02	21.92	21.94	22.80
10	1	LOW	64QAM	21.81	22.15	21.82	22.80
		MID	64QAM	21.89	22.15	21.93	22.80
		HIGH	64QAM	22.17	22.33	21.98	22.80
	25	LOW	64QAM	20.88	20.95	20.86	21.80
		MID	64QAM	20.98	20.90	21.11	21.80
		HIGH	64QAM	21.10	21.07	20.99	21.80
	50	LOW	64QAM	21.16	21.01	20.80	21.80

LTE B17-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.10	23.97	24.08	24.80
		MID	QPSK	24.16	24.03	24.10	24.80
		HIGH	QPSK	24.23	24.13	24.21	24.80
	12	LOW	QPSK	23.02	23.07	23.09	23.80
		MID	QPSK	23.00	23.00	23.12	23.80
		HIGH	QPSK	23.01	23.01	23.06	23.80
	25	LOW	QPSK	22.99	23.03	23.14	23.80
5	1	LOW	Q16	23.24	23.54	23.14	23.80
		MID	Q16	23.26	23.61	23.13	23.80
		HIGH	Q16	23.37	23.67	23.21	23.80
	12	LOW	Q16	22.07	22.15	22.10	22.80
		MID	Q16	22.03	22.14	22.15	22.80
		HIGH	Q16	22.06	22.12	22.10	22.80
	25	LOW	Q16	22.04	22.12	22.08	22.80
5	1	LOW	64QAM	22.17	22.39	22.26	22.80
		MID	64QAM	22.22	22.62	22.22	22.80
		HIGH	64QAM	22.42	22.57	22.15	22.80
	12	LOW	64QAM	21.02	21.09	21.03	21.80
		MID	64QAM	21.04	21.13	21.17	21.80
		HIGH	64QAM	21.14	21.10	21.09	21.80
	25	LOW	64QAM	21.04	21.18	21.09	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.81	23.78	24.80
		MID	QPSK	24.07	23.86	23.92	24.80
		HIGH	QPSK	24.11	23.99	24.04	24.80
	25	LOW	QPSK	23.03	22.86	22.92	23.80
		MID	QPSK	23.04	22.92	22.89	23.80
		HIGH	QPSK	23.06	22.90	22.94	23.80
	50	LOW	QPSK	23.07	22.93	22.94	23.80
10	1	LOW	Q16	22.88	23.22	22.83	23.80
		MID	Q16	23.00	23.26	22.93	23.80
		HIGH	Q16	23.02	23.41	23.05	23.80
	25	LOW	Q16	22.01	21.91	22.00	22.80
		MID	Q16	22.05	21.92	21.99	22.80
		HIGH	Q16	22.06	21.95	22.04	22.80
	50	LOW	Q16	22.02	21.92	21.94	22.80
10	1	LOW	64QAM	21.81	22.15	21.82	22.80
		MID	64QAM	21.89	22.15	21.93	22.80
		HIGH	64QAM	22.17	22.33	21.98	22.80
	25	LOW	64QAM	20.88	20.95	20.86	21.80
		MID	64QAM	20.98	20.90	21.11	21.80
		HIGH	64QAM	21.10	21.07	20.99	21.80
	50	LOW	64QAM	21.16	21.01	20.80	21.80

LTE B17-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.10	23.97	24.08	24.80
		MID	QPSK	24.16	24.03	24.10	24.80
		HIGH	QPSK	24.23	24.13	24.21	24.80
	12	LOW	QPSK	23.02	23.07	23.09	23.80
		MID	QPSK	23.00	23.00	23.12	23.80
		HIGH	QPSK	23.01	23.01	23.06	23.80
	25	LOW	QPSK	22.99	23.03	23.14	23.80
5	1	LOW	Q16	23.24	23.54	23.14	23.80
		MID	Q16	23.26	23.61	23.13	23.80
		HIGH	Q16	23.37	23.67	23.21	23.80
	12	LOW	Q16	22.07	22.15	22.10	22.80
		MID	Q16	22.03	22.14	22.15	22.80
		HIGH	Q16	22.06	22.12	22.10	22.80
	25	LOW	Q16	22.04	22.12	22.08	22.80
5	1	LOW	64QAM	22.17	22.39	22.26	22.80
		MID	64QAM	22.22	22.62	22.22	22.80
		HIGH	64QAM	22.42	22.57	22.15	22.80
	12	LOW	64QAM	21.02	21.09	21.03	21.80
		MID	64QAM	21.04	21.13	21.17	21.80
		HIGH	64QAM	21.14	21.10	21.09	21.80
	25	LOW	64QAM	21.04	21.18	21.09	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.81	23.78	24.80
		MID	QPSK	24.07	23.86	23.92	24.80
		HIGH	QPSK	24.11	23.99	24.04	24.80
	25	LOW	QPSK	23.03	22.86	22.92	23.80
		MID	QPSK	23.04	22.92	22.89	23.80
		HIGH	QPSK	23.06	22.90	22.94	23.80
	50	LOW	QPSK	23.07	22.93	22.94	23.80
10	1	LOW	Q16	22.88	23.22	22.83	23.80
		MID	Q16	23.00	23.26	22.93	23.80
		HIGH	Q16	23.02	23.41	23.05	23.80
	25	LOW	Q16	22.01	21.91	22.00	22.80
		MID	Q16	22.05	21.92	21.99	22.80
		HIGH	Q16	22.06	21.95	22.04	22.80
	50	LOW	Q16	22.02	21.92	21.94	22.80
10	1	LOW	64QAM	21.81	22.15	21.82	22.80
		MID	64QAM	21.89	22.15	21.93	22.80
		HIGH	64QAM	22.17	22.33	21.98	22.80
	25	LOW	64QAM	20.88	20.95	20.86	21.80
		MID	64QAM	20.98	20.90	21.11	21.80
		HIGH	64QAM	21.10	21.07	20.99	21.80
	50	LOW	64QAM	21.16	21.01	20.80	21.80

LTE B17-Level5&6-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.10	23.97	24.08	24.80
		MID	QPSK	24.16	24.03	24.10	24.80
		HIGH	QPSK	24.23	24.13	24.21	24.80
	12	LOW	QPSK	23.02	23.07	23.09	23.80
		MID	QPSK	23.00	23.00	23.12	23.80
		HIGH	QPSK	23.01	23.01	23.06	23.80
	25	LOW	QPSK	22.99	23.03	23.14	23.80
5	1	LOW	Q16	23.24	23.54	23.14	23.80
		MID	Q16	23.26	23.61	23.13	23.80
		HIGH	Q16	23.37	23.67	23.21	23.80
	12	LOW	Q16	22.07	22.15	22.10	22.80
		MID	Q16	22.03	22.14	22.15	22.80
		HIGH	Q16	22.06	22.12	22.10	22.80
	25	LOW	Q16	22.04	22.12	22.08	22.80
5	1	LOW	64QAM	22.17	22.39	22.26	22.80
		MID	64QAM	22.22	22.62	22.22	22.80
		HIGH	64QAM	22.42	22.57	22.15	22.80
	12	LOW	64QAM	21.02	21.09	21.03	21.80
		MID	64QAM	21.04	21.13	21.17	21.80
		HIGH	64QAM	21.14	21.10	21.09	21.80
	25	LOW	64QAM	21.04	21.18	21.09	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.81	23.78	24.80
		MID	QPSK	24.07	23.86	23.92	24.80
		HIGH	QPSK	24.11	23.99	24.04	24.80
	25	LOW	QPSK	23.03	22.86	22.92	23.80
		MID	QPSK	23.04	22.92	22.89	23.80
		HIGH	QPSK	23.06	22.90	22.94	23.80
	50	LOW	QPSK	23.07	22.93	22.94	23.80
10	1	LOW	Q16	22.88	23.22	22.83	23.80
		MID	Q16	23.00	23.26	22.93	23.80
		HIGH	Q16	23.02	23.41	23.05	23.80
	25	LOW	Q16	22.01	21.91	22.00	22.80
		MID	Q16	22.05	21.92	21.99	22.80
		HIGH	Q16	22.06	21.95	22.04	22.80
	50	LOW	Q16	22.02	21.92	21.94	22.80
10	1	LOW	64QAM	21.81	22.15	21.82	22.80
		MID	64QAM	21.89	22.15	21.93	22.80
		HIGH	64QAM	22.17	22.33	21.98	22.80
	25	LOW	64QAM	20.88	20.95	20.86	21.80
		MID	64QAM	20.98	20.90	21.11	21.80
		HIGH	64QAM	21.10	21.07	20.99	21.80
	50	LOW	64QAM	21.16	21.01	20.80	21.80

LTE B17-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.10	23.97	24.08	24.80
		MID	QPSK	24.16	24.03	24.10	24.80
		HIGH	QPSK	24.23	24.13	24.21	24.80
	12	LOW	QPSK	23.02	23.07	23.09	23.80
		MID	QPSK	23.00	23.00	23.12	23.80
		HIGH	QPSK	23.01	23.01	23.06	23.80
	25	LOW	QPSK	22.99	23.03	23.14	23.80
5	1	LOW	Q16	23.24	23.54	23.14	23.80
		MID	Q16	23.26	23.61	23.13	23.80
		HIGH	Q16	23.37	23.67	23.21	23.80
	12	LOW	Q16	22.07	22.15	22.10	22.80
		MID	Q16	22.03	22.14	22.15	22.80
		HIGH	Q16	22.06	22.12	22.10	22.80
	25	LOW	Q16	22.04	22.12	22.08	22.80
5	1	LOW	64QAM	22.17	22.39	22.26	22.80
		MID	64QAM	22.22	22.62	22.22	22.80
		HIGH	64QAM	22.42	22.57	22.15	22.80
	12	LOW	64QAM	21.02	21.09	21.03	21.80
		MID	64QAM	21.04	21.13	21.17	21.80
		HIGH	64QAM	21.14	21.10	21.09	21.80
	25	LOW	64QAM	21.04	21.18	21.09	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.81	23.78	24.80
		MID	QPSK	24.07	23.86	23.92	24.80
		HIGH	QPSK	24.11	23.99	24.04	24.80
	25	LOW	QPSK	23.03	22.86	22.92	23.80
		MID	QPSK	23.04	22.92	22.89	23.80
		HIGH	QPSK	23.06	22.90	22.94	23.80
	50	LOW	QPSK	23.07	22.93	22.94	23.80
10	1	LOW	Q16	22.88	23.22	22.83	23.80
		MID	Q16	23.00	23.26	22.93	23.80
		HIGH	Q16	23.02	23.41	23.05	23.80
	25	LOW	Q16	22.01	21.91	22.00	22.80
		MID	Q16	22.05	21.92	21.99	22.80
		HIGH	Q16	22.06	21.95	22.04	22.80
	50	LOW	Q16	22.02	21.92	21.94	22.80
10	1	LOW	64QAM	21.81	22.15	21.82	22.80
		MID	64QAM	21.89	22.15	21.93	22.80
		HIGH	64QAM	22.17	22.33	21.98	22.80
	25	LOW	64QAM	20.88	20.95	20.86	21.80
		MID	64QAM	20.98	20.90	21.11	21.80
		HIGH	64QAM	21.10	21.07	20.99	21.80
	50	LOW	64QAM	21.16	21.01	20.80	21.80

8.3.7 LTE Band26 Output Power

LTE B26-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.58	23.65	23.59	24.50
		MID	QPSK	23.58	23.64	23.61	24.50
		HIGH	QPSK	23.61	23.67	23.57	24.50
	3	LOW	QPSK	23.68	23.73	23.67	24.50
		MID	QPSK	23.69	23.75	23.68	24.50
		HIGH	QPSK	23.70	23.69	23.67	24.50
	6	LOW	QPSK	22.69	22.76	22.65	23.50
1.4	1	LOW	Q16	22.81	23.15	22.72	23.50
		MID	Q16	22.85	23.10	22.69	23.50
		HIGH	Q16	22.85	23.11	22.70	23.50
	3	LOW	Q16	22.73	22.93	22.81	23.50
		MID	Q16	22.75	22.92	22.83	23.50
		HIGH	Q16	22.78	22.90	22.78	23.50
	6	LOW	Q16	21.82	21.64	21.80	22.50
1.4	1	LOW	64QAM	21.72	22.13	21.79	22.50
		MID	64QAM	21.94	21.99	21.54	22.50
		HIGH	64QAM	21.86	22.11	21.68	22.50
	3	LOW	64QAM	21.63	21.93	21.87	22.50
		MID	64QAM	21.90	22.02	21.93	22.50
		HIGH	64QAM	21.78	21.82	21.69	22.50
	6	LOW	64QAM	20.73	20.59	20.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.70	23.71	23.67	24.50
		MID	QPSK	23.69	23.72	23.66	24.50
		HIGH	QPSK	23.70	23.68	23.65	24.50
	8	LOW	QPSK	22.69	22.75	22.72	23.50
		MID	QPSK	22.70	22.75	22.72	23.50
		HIGH	QPSK	22.70	22.76	22.67	23.50
	15	LOW	QPSK	22.72	22.77	22.70	23.50
3	1	LOW	Q16	22.61	23.14	22.76	23.50
		MID	Q16	22.59	23.14	22.74	23.50
		HIGH	Q16	22.61	23.15	22.69	23.50
	8	LOW	Q16	21.80	21.83	21.73	22.50
		MID	Q16	21.85	21.82	21.74	22.50
		HIGH	Q16	21.82	21.82	21.73	22.50
	15	LOW	Q16	21.76	21.80	21.64	22.50
3	1	LOW	64QAM	21.69	22.06	21.63	22.50
		MID	64QAM	21.71	22.02	21.88	22.50
		HIGH	64QAM	21.64	22.05	21.56	22.50
	8	LOW	64QAM	20.85	20.94	20.83	22.50
		MID	64QAM	20.95	20.80	20.76	22.50
		HIGH	64QAM	20.93	20.81	20.74	22.50
	15	LOW	64QAM	20.64	20.75	20.58	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.85	23.71	23.63	24.50
		MID	QPSK	23.93	23.76	23.57	24.50
		HIGH	QPSK	23.94	23.80	23.61	24.50
	12	LOW	QPSK	22.74	22.74	22.64	23.50
		MID	QPSK	22.75	22.79	22.58	23.50
		HIGH	QPSK	22.77	22.77	22.56	23.50
	25	LOW	QPSK	22.74	22.78	22.61	23.50
5	1	LOW	Q16	22.99	23.31	22.70	23.50
		MID	Q16	23.00	23.37	22.63	23.50
		HIGH	Q16	23.05	23.39	22.71	23.50
	12	LOW	Q16	21.78	21.92	21.70	22.50
		MID	Q16	21.79	21.90	21.60	22.50
		HIGH	Q16	21.80	21.85	21.61	22.50
	25	LOW	Q16	21.79	21.82	21.54	22.50
5	1	LOW	64QAM	21.97	22.42	21.67	22.50
		MID	64QAM	21.99	22.49	21.71	22.50
		HIGH	64QAM	22.02	22.36	21.57	22.50
	12	LOW	64QAM	20.89	20.77	20.63	21.50
		MID	64QAM	20.84	20.95	20.59	21.50
		HIGH	64QAM	20.86	20.86	20.64	21.50
	25	LOW	64QAM	20.66	20.93	20.51	21.50

LTE B26-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.69	23.61	23.57	24.50
		MID	QPSK	23.75	23.74	23.59	24.50
		HIGH	QPSK	23.77	23.71	23.57	24.50
	25	LOW	QPSK	22.70	22.79	22.58	23.50
		MID	QPSK	22.76	22.77	22.61	23.50
		HIGH	QPSK	22.79	22.78	22.54	23.50
	50	LOW	QPSK	22.78	22.80	22.60	23.50
10	1	LOW	Q16	22.59	23.00	22.59	23.50
		MID	Q16	22.65	23.13	22.64	23.50
		HIGH	Q16	22.68	23.12	22.63	23.50
	25	LOW	Q16	21.74	21.83	21.67	22.50
		MID	Q16	21.79	21.81	21.72	22.50
		HIGH	Q16	21.83	21.81	21.64	22.50
	50	LOW	Q16	21.75	21.79	21.61	22.50
10	1	LOW	64QAM	21.60	22.06	21.56	22.50
		MID	64QAM	21.51	22.24	21.68	22.50
		HIGH	64QAM	21.75	22.26	21.60	22.50
	25	LOW	64QAM	20.81	20.70	20.62	21.50
		MID	64QAM	20.78	20.86	20.76	21.50
		HIGH	64QAM	20.77	20.86	20.60	21.50
	50	LOW	64QAM	20.80	20.87	20.61	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.63	23.53	23.51	24.50
		MID	QPSK	23.71	23.63	23.50	24.50
		HIGH	QPSK	23.67	23.48	23.45	24.50
	36	LOW	QPSK	22.65	22.59	22.56	23.50
		MID	QPSK	22.72	22.57	22.57	23.50
		HIGH	QPSK	22.69	22.60	22.50	23.50
	75	LOW	QPSK	22.71	22.64	22.55	23.50
15	1	LOW	Q16	22.54	22.92	23.00	23.50
		MID	Q16	22.63	23.01	23.05	23.50
		HIGH	Q16	22.56	22.96	22.93	23.50
	36	LOW	Q16	21.71	21.66	21.52	22.50
		MID	Q16	21.73	21.63	21.53	22.50
		HIGH	Q16	21.69	21.67	21.50	22.50
	75	LOW	Q16	21.69	21.64	21.52	22.50
15	1	LOW	64QAM	21.52	22.01	22.02	22.50
		MID	64QAM	21.60	22.09	22.16	22.50
		HIGH	64QAM	21.65	21.90	21.95	22.50
	36	LOW	64QAM	20.63	20.68	20.42	21.50
		MID	64QAM	20.82	20.57	20.43	21.50
		HIGH	64QAM	20.68	20.61	20.49	21.50
	75	LOW	64QAM	20.84	20.49	20.37	21.50

LTE B26-Level1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power (dBm)
1.4	1	LOW	QPSK	22.88	23.03	22.82	24.00
		MID	QPSK	22.95	23.11	22.84	24.00
		HIGH	QPSK	23.27	22.79	23.01	24.00
	3	LOW	QPSK	22.56	22.61	22.57	24.00
		MID	QPSK	22.44	22.66	22.55	24.00
		HIGH	QPSK	22.66	22.36	22.42	24.00
	6	LOW	QPSK	22.68	22.49	22.39	23.50
1.4	1	LOW	Q16	22.49	22.86	22.79	23.50
		MID	Q16	22.56	22.84	22.97	23.50
		HIGH	Q16	22.65	22.68	22.93	23.50
	3	LOW	Q16	22.56	22.47	22.32	23.50
		MID	Q16	22.71	22.56	22.18	23.50
		HIGH	Q16	22.57	22.38	22.17	23.50
	6	LOW	Q16	21.52	21.65	21.29	22.50
1.4	1	LOW	64QAM	21.53	21.74	21.74	22.50
		MID	64QAM	21.61	21.77	21.89	22.50
		HIGH	64QAM	21.56	21.87	21.71	22.50
	3	LOW	64QAM	21.41	21.35	21.36	22.50
		MID	64QAM	21.75	21.54	21.11	22.50
		HIGH	64QAM	21.58	21.30	21.17	22.50
	6	LOW	64QAM	20.46	20.63	20.34	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power (dBm)
3	1	LOW	QPSK	22.98	22.78	22.87	24.00
		MID	QPSK	23.12	22.89	22.90	24.00
		HIGH	QPSK	23.26	22.79	22.89	24.00
	8	LOW	QPSK	22.45	22.62	22.38	23.50
		MID	QPSK	22.43	22.46	22.47	23.50
		HIGH	QPSK	22.67	22.60	22.27	23.50
	15	LOW	QPSK	22.69	22.38	22.41	23.50
3	1	LOW	Q16	22.48	22.88	22.87	23.50
		MID	Q16	22.48	22.83	22.84	23.50
		HIGH	Q16	22.58	22.72	22.91	23.50
	8	LOW	Q16	21.54	21.43	21.32	22.50
		MID	Q16	21.66	21.49	21.30	22.50
		HIGH	Q16	21.76	21.63	21.51	22.50
	15	LOW	Q16	21.55	21.57	21.44	22.50
3	1	LOW	64QAM	21.48	21.90	21.95	22.50
		MID	64QAM	21.61	21.98	22.07	22.50
		HIGH	64QAM	21.62	21.88	21.71	22.50
	8	LOW	64QAM	20.61	20.51	20.32	21.50
		MID	64QAM	20.59	20.57	20.29	21.50
		HIGH	64QAM	20.70	20.73	20.46	21.50
	15	LOW	64QAM	20.56	20.59	20.30	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power (dBm)
5	1	LOW	QPSK	23.13	23.02	23.09	24.00
		MID	QPSK	23.10	22.98	23.01	24.00
		HIGH	QPSK	23.27	22.96	22.89	24.00
	12	LOW	QPSK	22.60	22.60	22.43	23.50
		MID	QPSK	22.59	22.66	22.44	23.50
		HIGH	QPSK	22.44	22.58	22.30	23.50
	25	LOW	QPSK	22.53	22.64	22.37	23.50
5	1	LOW	Q16	22.35	22.89	22.78	23.50
		MID	Q16	22.47	22.81	22.88	23.50
		HIGH	Q16	22.47	22.81	22.70	23.50
	12	LOW	Q16	21.50	21.43	21.34	22.50
		MID	Q16	21.59	21.43	21.35	22.50
		HIGH	Q16	21.55	21.52	21.29	22.50
	25	LOW	Q16	21.52	21.41	21.36	22.50
5	1	LOW	64QAM	21.43	21.98	21.94	22.50
		MID	64QAM	21.49	22.03	21.84	22.50
		HIGH	64QAM	21.63	21.72	21.96	22.50
	12	LOW	64QAM	20.47	20.56	20.25	21.50
		MID	64QAM	20.45	20.72	20.54	21.50
		HIGH	64QAM	20.63	20.57	20.36	21.50
	25	LOW	64QAM	20.69	20.54	20.29	21.50

LTE B26-Level1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power (dBm)
10	1	LOW	QPSK	23.12	22.99	22.81	24.00
		MID	QPSK	23.02	23.16	23.01	24.00
		HIGH	QPSK	23.02	22.81	22.78	24.00
	25	LOW	QPSK	22.42	22.58	22.40	23.50
		MID	QPSK	22.49	22.38	22.47	23.50
		HIGH	QPSK	22.67	22.42	22.38	23.50
	50	LOW	QPSK	22.46	22.55	22.31	23.50
10	1	LOW	Q16	22.53	22.94	22.81	23.50
		MID	Q16	22.67	23.06	23.06	23.50
		HIGH	Q16	22.46	22.97	22.77	23.50
	25	LOW	Q16	21.62	21.62	21.46	22.50
		MID	Q16	21.64	21.59	21.51	22.50
		HIGH	Q16	21.62	21.50	21.49	22.50
	50	LOW	Q16	21.41	21.42	21.43	22.50
10	1	LOW	64QAM	21.41	21.98	21.89	22.50
		MID	64QAM	21.51	21.80	22.07	22.50
		HIGH	64QAM	21.61	21.90	21.98	22.50
	25	LOW	64QAM	20.42	20.40	20.50	21.50
		MID	64QAM	20.49	20.47	20.30	21.50
		HIGH	64QAM	20.65	20.71	20.50	21.50
	50	LOW	64QAM	20.52	20.40	20.56	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power (dBm)
15	1	LOW	QPSK	22.99	22.91	22.94	24.00
		MID	QPSK	23.07	23.03	22.89	24.00
		HIGH	QPSK	23.12	22.90	22.87	24.00
	36	LOW	QPSK	22.52	22.50	22.44	23.50
		MID	QPSK	22.57	22.51	22.44	23.50
		HIGH	QPSK	22.59	22.51	22.40	23.50
	75	LOW	QPSK	22.55	22.53	22.44	23.50
15	1	LOW	Q16	22.42	22.85	22.85	23.50
		MID	Q16	22.52	22.92	22.93	23.50
		HIGH	Q16	22.55	22.82	22.85	23.50
	36	LOW	Q16	21.54	21.54	21.40	22.50
		MID	Q16	21.57	21.57	21.43	22.50
		HIGH	Q16	21.62	21.59	21.38	22.50
	75	LOW	Q16	21.56	21.54	21.42	22.50
15	1	LOW	64QAM	21.41	21.88	21.81	22.50
		MID	64QAM	21.67	21.96	21.98	22.50
		HIGH	64QAM	21.56	21.97	21.73	22.50
	36	LOW	64QAM	20.62	20.62	20.32	21.50
		MID	64QAM	20.49	20.60	20.37	21.50
		HIGH	64QAM	20.63	20.64	20.36	21.50
	75	LOW	64QAM	20.70	20.65	20.57	21.50

LTE B26-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power (dBm)
1.4	1	LOW	QPSK	22.17	22.08	21.97	23.00
		MID	QPSK	22.23	22.12	21.99	23.00
		HIGH	QPSK	22.39	22.14	21.92	23.00
	3	LOW	QPSK	22.25	22.09	22.12	23.00
		MID	QPSK	22.30	22.17	22.01	23.00
		HIGH	QPSK	22.31	22.00	21.87	23.00
	6	LOW	QPSK	22.15	22.01	22.20	23.00
1.4	1	LOW	Q16	22.04	22.29	22.37	23.00
		MID	Q16	22.10	22.33	22.22	23.00
		HIGH	Q16	22.30	22.52	22.38	23.00
	3	LOW	Q16	21.92	22.05	21.97	23.00
		MID	Q16	22.41	22.35	21.97	23.00
		HIGH	Q16	22.03	22.25	22.05	23.00
	6	LOW	Q16	21.54	21.64	21.66	22.50
1.4	1	LOW	64QAM	21.66	21.64	21.77	22.50
		MID	64QAM	21.70	21.94	21.77	22.50
		HIGH	64QAM	21.92	22.11	22.04	22.50
	3	LOW	64QAM	21.28	21.61	21.56	22.50
		MID	64QAM	21.94	21.90	21.32	22.50
		HIGH	64QAM	21.62	21.90	21.69	22.50
	6	LOW	64QAM	20.53	20.55	20.60	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power (dBm)
3	1	LOW	QPSK	22.06	21.89	22.07	23.00
		MID	QPSK	22.23	21.97	22.00	23.00
		HIGH	QPSK	22.24	21.96	21.97	23.00
	8	LOW	QPSK	22.09	22.11	22.19	23.00
		MID	QPSK	22.20	22.03	21.91	23.00
		HIGH	QPSK	22.17	22.02	21.88	23.00
	15	LOW	QPSK	22.16	22.12	22.14	23.00
3	1	LOW	Q16	21.90	22.31	22.31	23.00
		MID	Q16	22.04	22.35	22.27	23.00
		HIGH	Q16	22.31	22.16	22.27	23.00
	8	LOW	Q16	21.60	21.76	21.66	22.50
		MID	Q16	21.65	21.82	21.44	22.50
		HIGH	Q16	21.71	21.63	21.55	22.50
	15	LOW	Q16	21.58	21.62	21.65	22.50
3	1	LOW	64QAM	21.56	21.90	21.88	22.50
		MID	64QAM	21.67	21.77	21.86	22.50
		HIGH	64QAM	21.79	21.95	22.12	22.50
	8	LOW	64QAM	21.63	21.59	21.62	22.50
		MID	64QAM	21.85	21.73	21.39	22.50
		HIGH	64QAM	21.78	21.80	21.62	22.50
	15	LOW	64QAM	20.62	20.68	20.48	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power (dBm)
5	1	LOW	QPSK	22.15	21.89	22.02	23.00
		MID	QPSK	22.17	21.97	22.01	23.00
		HIGH	QPSK	22.30	22.09	22.07	23.00
	12	LOW	QPSK	22.00	22.25	22.18	23.00
		MID	QPSK	22.17	22.17	22.17	23.00
		HIGH	QPSK	22.06	22.06	22.02	23.00
	25	LOW	QPSK	22.19	22.21	22.06	23.00
5	1	LOW	Q16	21.96	22.32	22.45	23.00
		MID	Q16	22.06	22.31	22.36	23.00
		HIGH	Q16	22.15	22.32	22.50	23.00
	12	LOW	Q16	21.71	21.72	21.48	22.50
		MID	Q16	21.82	21.59	21.39	22.50
		HIGH	Q16	21.86	21.60	21.55	22.50
	25	LOW	Q16	21.69	21.81	21.62	22.50
5	1	LOW	64QAM	21.51	21.84	21.86	22.50
		MID	64QAM	21.52	21.95	21.84	22.50
		HIGH	64QAM	21.78	21.90	21.95	22.50
	12	LOW	64QAM	21.76	21.76	21.50	22.50
		MID	64QAM	21.86	21.64	21.66	22.50
		HIGH	64QAM	21.89	21.63	21.53	22.50
	25	LOW	64QAM	20.53	20.59	20.42	21.50

LTE B26-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power (dBm)
10	1	LOW	QPSK	21.97	22.05	21.93	23.00
		MID	QPSK	22.27	22.14	22.11	23.00
		HIGH	QPSK	22.25	22.15	21.80	23.00
	25	LOW	QPSK	22.02	22.11	21.94	23.00
		MID	QPSK	22.15	22.09	22.09	23.00
		HIGH	QPSK	22.13	22.15	21.88	23.00
	50	LOW	QPSK	22.15	22.15	22.07	23.00
10	1	LOW	Q16	21.94	22.46	22.41	23.00
		MID	Q16	22.20	22.53	22.34	23.00
		HIGH	Q16	22.19	22.42	21.98	23.00
	25	LOW	Q16	21.58	21.55	21.60	22.50
		MID	Q16	21.68	21.69	21.64	22.50
		HIGH	Q16	21.90	21.73	21.37	22.50
	50	LOW	Q16	21.69	21.76	21.64	22.50
10	1	LOW	64QAM	21.69	22.03	21.90	22.50
		MID	64QAM	21.49	21.99	21.97	22.50
		HIGH	64QAM	21.55	21.79	22.02	22.50
	25	LOW	64QAM	21.74	21.68	21.43	22.50
		MID	64QAM	21.58	21.80	21.67	22.50
		HIGH	64QAM	21.66	21.62	21.48	22.50
	50	LOW	64QAM	20.75	20.55	20.54	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power (dBm)
15	1	LOW	QPSK	22.12	22.02	22.01	23.00
		MID	QPSK	22.22	22.11	22.06	23.00
		HIGH	QPSK	22.26	22.00	21.95	23.00
	36	LOW	QPSK	22.11	22.10	22.07	23.00
		MID	QPSK	22.17	22.12	22.02	23.00
		HIGH	QPSK	22.20	22.15	22.02	23.00
	75	LOW	QPSK	22.17	22.15	22.09	23.00
15	1	LOW	Q16	22.05	22.43	22.41	23.00
		MID	Q16	22.14	22.39	22.33	23.00
		HIGH	Q16	22.18	22.44	22.14	23.00
	36	LOW	Q16	21.64	21.66	21.51	22.50
		MID	Q16	21.72	21.70	21.53	22.50
		HIGH	Q16	21.75	21.71	21.52	22.50
	75	LOW	Q16	21.68	21.69	21.52	22.50
15	1	LOW	64QAM	20.91	21.40	21.44	22.50
		MID	64QAM	21.24	21.60	21.43	22.50
		HIGH	64QAM	21.31	21.44	21.40	22.50
	36	LOW	64QAM	20.76	20.74	20.62	22.50
		MID	64QAM	20.69	20.60	20.54	22.50
		HIGH	64QAM	20.66	20.64	20.53	22.50
	75	LOW	64QAM	20.62	20.55	20.43	21.50

LTE B26-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.58	23.65	23.59	24.50
		MID	QPSK	23.58	23.64	23.61	24.50
		HIGH	QPSK	23.61	23.67	23.57	24.50
	3	LOW	QPSK	23.68	23.73	23.67	24.50
		MID	QPSK	23.69	23.75	23.68	24.50
		HIGH	QPSK	23.70	23.69	23.67	24.50
	6	LOW	QPSK	22.69	22.76	22.65	23.50
1.4	1	LOW	Q16	22.81	23.15	22.72	23.50
		MID	Q16	22.85	23.10	22.69	23.50
		HIGH	Q16	22.85	23.11	22.70	23.50
	3	LOW	Q16	22.73	22.93	22.81	23.50
		MID	Q16	22.75	22.92	22.83	23.50
		HIGH	Q16	22.78	22.90	22.78	23.50
	6	LOW	Q16	21.82	21.64	21.80	22.50
1.4	1	LOW	64QAM	21.72	22.13	21.79	22.50
		MID	64QAM	21.94	21.99	21.54	22.50
		HIGH	64QAM	21.86	22.11	21.68	22.50
	3	LOW	64QAM	21.63	21.93	21.87	22.50
		MID	64QAM	21.90	22.02	21.93	22.50
		HIGH	64QAM	21.78	21.82	21.69	22.50
	6	LOW	64QAM	20.73	20.59	20.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.70	23.71	23.67	24.50
		MID	QPSK	23.69	23.72	23.66	24.50
		HIGH	QPSK	23.70	23.68	23.65	24.50
	8	LOW	QPSK	22.69	22.75	22.72	23.50
		MID	QPSK	22.70	22.75	22.72	23.50
		HIGH	QPSK	22.70	22.76	22.67	23.50
	15	LOW	QPSK	22.72	22.77	22.70	23.50
3	1	LOW	Q16	22.61	23.14	22.76	23.50
		MID	Q16	22.59	23.14	22.74	23.50
		HIGH	Q16	22.61	23.15	22.69	23.50
	8	LOW	Q16	21.80	21.83	21.73	22.50
		MID	Q16	21.85	21.82	21.74	22.50
		HIGH	Q16	21.82	21.82	21.73	22.50
	15	LOW	Q16	21.76	21.80	21.64	22.50
3	1	LOW	64QAM	21.69	22.06	21.63	22.50
		MID	64QAM	21.71	22.02	21.88	22.50
		HIGH	64QAM	21.64	22.05	21.56	22.50
	8	LOW	64QAM	20.85	20.94	20.83	22.50
		MID	64QAM	20.95	20.80	20.76	22.50
		HIGH	64QAM	20.93	20.81	20.74	22.50
	15	LOW	64QAM	20.64	20.75	20.58	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.85	23.71	23.63	24.50
		MID	QPSK	23.93	23.76	23.57	24.50
		HIGH	QPSK	23.94	23.80	23.61	24.50
	12	LOW	QPSK	22.74	22.74	22.64	23.50
		MID	QPSK	22.75	22.79	22.58	23.50
		HIGH	QPSK	22.77	22.77	22.56	23.50
	25	LOW	QPSK	22.74	22.78	22.61	23.50
5	1	LOW	Q16	22.99	23.31	22.70	23.50
		MID	Q16	23.00	23.37	22.63	23.50
		HIGH	Q16	23.05	23.39	22.71	23.50
	12	LOW	Q16	21.78	21.92	21.70	22.50
		MID	Q16	21.79	21.90	21.60	22.50
		HIGH	Q16	21.80	21.85	21.61	22.50
	25	LOW	Q16	21.79	21.82	21.54	22.50
5	1	LOW	64QAM	21.97	22.42	21.67	22.50
		MID	64QAM	21.99	22.49	21.71	22.50
		HIGH	64QAM	22.02	22.36	21.57	22.50
	12	LOW	64QAM	20.89	20.77	20.63	21.50
		MID	64QAM	20.84	20.95	20.59	21.50
		HIGH	64QAM	20.86	20.86	20.64	21.50
	25	LOW	64QAM	20.66	20.93	20.51	21.50

LTE B26-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.69	23.61	23.57	24.50
		MID	QPSK	23.75	23.74	23.59	24.50
		HIGH	QPSK	23.77	23.71	23.57	24.50
	25	LOW	QPSK	22.70	22.79	22.58	23.50
		MID	QPSK	22.76	22.77	22.61	23.50
		HIGH	QPSK	22.79	22.78	22.54	23.50
	50	LOW	QPSK	22.78	22.80	22.60	23.50
10	1	LOW	Q16	22.59	23.00	22.59	23.50
		MID	Q16	22.65	23.13	22.64	23.50
		HIGH	Q16	22.68	23.12	22.63	23.50
	25	LOW	Q16	21.74	21.83	21.67	22.50
		MID	Q16	21.79	21.81	21.72	22.50
		HIGH	Q16	21.83	21.81	21.64	22.50
	50	LOW	Q16	21.75	21.79	21.61	22.50
10	1	LOW	64QAM	21.60	22.06	21.56	22.50
		MID	64QAM	21.51	22.24	21.68	22.50
		HIGH	64QAM	21.75	22.26	21.60	22.50
	25	LOW	64QAM	20.81	20.70	20.62	21.50
		MID	64QAM	20.78	20.86	20.76	21.50
		HIGH	64QAM	20.77	20.86	20.60	21.50
	50	LOW	64QAM	20.80	20.87	20.61	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.63	23.53	23.51	24.50
		MID	QPSK	23.71	23.63	23.50	24.50
		HIGH	QPSK	23.67	23.48	23.45	24.50
	36	LOW	QPSK	22.65	22.59	22.56	23.50
		MID	QPSK	22.72	22.57	22.57	23.50
		HIGH	QPSK	22.69	22.60	22.50	23.50
	75	LOW	QPSK	22.71	22.64	22.55	23.50
15	1	LOW	Q16	22.54	22.92	23.00	23.50
		MID	Q16	22.63	23.01	23.05	23.50
		HIGH	Q16	22.56	22.96	22.93	23.50
	36	LOW	Q16	21.71	21.66	21.52	22.50
		MID	Q16	21.73	21.63	21.53	22.50
		HIGH	Q16	21.69	21.67	21.50	22.50
	75	LOW	Q16	21.69	21.64	21.52	22.50
15	1	LOW	64QAM	21.52	22.01	22.02	22.50
		MID	64QAM	21.60	22.09	22.16	22.50
		HIGH	64QAM	21.65	21.90	21.95	22.50
	36	LOW	64QAM	20.63	20.68	20.42	21.50
		MID	64QAM	20.82	20.57	20.43	21.50
		HIGH	64QAM	20.68	20.61	20.49	21.50
	75	LOW	64QAM	20.84	20.49	20.37	21.50

LTE B26-Level4-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.58	23.65	23.59	24.50
		MID	QPSK	23.58	23.64	23.61	24.50
		HIGH	QPSK	23.61	23.67	23.57	24.50
	3	LOW	QPSK	23.68	23.73	23.67	24.50
		MID	QPSK	23.69	23.75	23.68	24.50
		HIGH	QPSK	23.70	23.69	23.67	24.50
	6	LOW	QPSK	22.69	22.76	22.65	23.50
1.4	1	LOW	Q16	22.81	23.15	22.72	23.50
		MID	Q16	22.85	23.10	22.69	23.50
		HIGH	Q16	22.85	23.11	22.70	23.50
	3	LOW	Q16	22.73	22.93	22.81	23.50
		MID	Q16	22.75	22.92	22.83	23.50
		HIGH	Q16	22.78	22.90	22.78	23.50
	6	LOW	Q16	21.82	21.64	21.80	22.50
1.4	1	LOW	64QAM	21.72	22.13	21.79	22.50
		MID	64QAM	21.94	21.99	21.54	22.50
		HIGH	64QAM	21.86	22.11	21.68	22.50
	3	LOW	64QAM	21.63	21.93	21.87	22.50
		MID	64QAM	21.90	22.02	21.93	22.50
		HIGH	64QAM	21.78	21.82	21.69	22.50
	6	LOW	64QAM	20.73	20.59	20.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.70	23.71	23.67	24.50
		MID	QPSK	23.69	23.72	23.66	24.50
		HIGH	QPSK	23.70	23.68	23.65	24.50
	8	LOW	QPSK	22.69	22.75	22.72	23.50
		MID	QPSK	22.70	22.75	22.72	23.50
		HIGH	QPSK	22.70	22.76	22.67	23.50
	15	LOW	QPSK	22.72	22.77	22.70	23.50
3	1	LOW	Q16	22.61	23.14	22.76	23.50
		MID	Q16	22.59	23.14	22.74	23.50
		HIGH	Q16	22.61	23.15	22.69	23.50
	8	LOW	Q16	21.80	21.83	21.73	22.50
		MID	Q16	21.85	21.82	21.74	22.50
		HIGH	Q16	21.82	21.82	21.73	22.50
	15	LOW	Q16	21.76	21.80	21.64	22.50
3	1	LOW	64QAM	21.69	22.06	21.63	22.50
		MID	64QAM	21.71	22.02	21.88	22.50
		HIGH	64QAM	21.64	22.05	21.56	22.50
	8	LOW	64QAM	20.85	20.94	20.83	22.50
		MID	64QAM	20.95	20.80	20.76	22.50
		HIGH	64QAM	20.93	20.81	20.74	22.50
	15	LOW	64QAM	20.64	20.75	20.58	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.85	23.71	23.63	24.50
		MID	QPSK	23.93	23.76	23.57	24.50
		HIGH	QPSK	23.94	23.80	23.61	24.50
	12	LOW	QPSK	22.74	22.74	22.64	23.50
		MID	QPSK	22.75	22.79	22.58	23.50
		HIGH	QPSK	22.77	22.77	22.56	23.50
	25	LOW	QPSK	22.74	22.78	22.61	23.50
5	1	LOW	Q16	22.99	23.31	22.70	23.50
		MID	Q16	23.00	23.37	22.63	23.50
		HIGH	Q16	23.05	23.39	22.71	23.50
	12	LOW	Q16	21.78	21.92	21.70	22.50
		MID	Q16	21.79	21.90	21.60	22.50
		HIGH	Q16	21.80	21.85	21.61	22.50
	25	LOW	Q16	21.79	21.82	21.54	22.50
5	1	LOW	64QAM	21.97	22.42	21.67	22.50
		MID	64QAM	21.99	22.49	21.71	22.50
		HIGH	64QAM	22.02	22.36	21.57	22.50
	12	LOW	64QAM	20.89	20.77	20.63	21.50
		MID	64QAM	20.84	20.95	20.59	21.50
		HIGH	64QAM	20.86	20.86	20.64	21.50
	25	LOW	64QAM	20.66	20.93	20.51	21.50

LTE B26-Level4-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.69	23.61	23.57	24.50
		MID	QPSK	23.75	23.74	23.59	24.50
		HIGH	QPSK	23.77	23.71	23.57	24.50
	25	LOW	QPSK	22.70	22.79	22.58	23.50
		MID	QPSK	22.76	22.77	22.61	23.50
		HIGH	QPSK	22.79	22.78	22.54	23.50
	50	LOW	QPSK	22.78	22.80	22.60	23.50
10	1	LOW	Q16	22.59	23.00	22.59	23.50
		MID	Q16	22.65	23.13	22.64	23.50
		HIGH	Q16	22.68	23.12	22.63	23.50
	25	LOW	Q16	21.74	21.83	21.67	22.50
		MID	Q16	21.79	21.81	21.72	22.50
		HIGH	Q16	21.83	21.81	21.64	22.50
	50	LOW	Q16	21.75	21.79	21.61	22.50
10	1	LOW	64QAM	21.60	22.06	21.56	22.50
		MID	64QAM	21.51	22.24	21.68	22.50
		HIGH	64QAM	21.75	22.26	21.60	22.50
	25	LOW	64QAM	20.81	20.70	20.62	21.50
		MID	64QAM	20.78	20.86	20.76	21.50
		HIGH	64QAM	20.77	20.86	20.60	21.50
	50	LOW	64QAM	20.80	20.87	20.61	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.63	23.53	23.51	24.50
		MID	QPSK	23.71	23.63	23.50	24.50
		HIGH	QPSK	23.67	23.48	23.45	24.50
	36	LOW	QPSK	22.65	22.59	22.56	23.50
		MID	QPSK	22.72	22.57	22.57	23.50
		HIGH	QPSK	22.69	22.60	22.50	23.50
	75	LOW	QPSK	22.71	22.64	22.55	23.50
15	1	LOW	Q16	22.54	22.92	23.00	23.50
		MID	Q16	22.63	23.01	23.05	23.50
		HIGH	Q16	22.56	22.96	22.93	23.50
	36	LOW	Q16	21.71	21.66	21.52	22.50
		MID	Q16	21.73	21.63	21.53	22.50
		HIGH	Q16	21.69	21.67	21.50	22.50
	75	LOW	Q16	21.69	21.64	21.52	22.50
15	1	LOW	64QAM	21.52	22.01	22.02	22.50
		MID	64QAM	21.60	22.09	22.16	22.50
		HIGH	64QAM	21.65	21.90	21.95	22.50
	36	LOW	64QAM	20.63	20.68	20.42	21.50
		MID	64QAM	20.82	20.57	20.43	21.50
		HIGH	64QAM	20.68	20.61	20.49	21.50
	75	LOW	64QAM	20.84	20.49	20.37	21.50

LTE B26-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.58	23.65	23.59	24.50
		MID	QPSK	23.58	23.64	23.61	24.50
		HIGH	QPSK	23.61	23.67	23.57	24.50
	3	LOW	QPSK	23.68	23.73	23.67	24.50
		MID	QPSK	23.69	23.75	23.68	24.50
		HIGH	QPSK	23.70	23.69	23.67	24.50
	6	LOW	QPSK	22.69	22.76	22.65	23.50
1.4	1	LOW	Q16	22.81	23.15	22.72	23.50
		MID	Q16	22.85	23.10	22.69	23.50
		HIGH	Q16	22.85	23.11	22.70	23.50
	3	LOW	Q16	22.73	22.93	22.81	23.50
		MID	Q16	22.75	22.92	22.83	23.50
		HIGH	Q16	22.78	22.90	22.78	23.50
	6	LOW	Q16	21.82	21.64	21.80	22.50
1.4	1	LOW	64QAM	21.72	22.13	21.79	22.50
		MID	64QAM	21.94	21.99	21.54	22.50
		HIGH	64QAM	21.86	22.11	21.68	22.50
	3	LOW	64QAM	21.63	21.93	21.87	22.50
		MID	64QAM	21.90	22.02	21.93	22.50
		HIGH	64QAM	21.78	21.82	21.69	22.50
	6	LOW	64QAM	20.73	20.59	20.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.70	23.71	23.67	24.50
		MID	QPSK	23.69	23.72	23.66	24.50
		HIGH	QPSK	23.70	23.68	23.65	24.50
	8	LOW	QPSK	22.69	22.75	22.72	23.50
		MID	QPSK	22.70	22.75	22.72	23.50
		HIGH	QPSK	22.70	22.76	22.67	23.50
	15	LOW	QPSK	22.72	22.77	22.70	23.50
3	1	LOW	Q16	22.61	23.14	22.76	23.50
		MID	Q16	22.59	23.14	22.74	23.50
		HIGH	Q16	22.61	23.15	22.69	23.50
	8	LOW	Q16	21.80	21.83	21.73	22.50
		MID	Q16	21.85	21.82	21.74	22.50
		HIGH	Q16	21.82	21.82	21.73	22.50
	15	LOW	Q16	21.76	21.80	21.64	22.50
3	1	LOW	64QAM	21.69	22.06	21.63	22.50
		MID	64QAM	21.71	22.02	21.88	22.50
		HIGH	64QAM	21.64	22.05	21.56	22.50
	8	LOW	64QAM	20.85	20.94	20.83	22.50
		MID	64QAM	20.95	20.80	20.76	22.50
		HIGH	64QAM	20.93	20.81	20.74	22.50
	15	LOW	64QAM	20.64	20.75	20.58	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.85	23.71	23.63	24.50
		MID	QPSK	23.93	23.76	23.57	24.50
		HIGH	QPSK	23.94	23.80	23.61	24.50
	12	LOW	QPSK	22.74	22.74	22.64	23.50
		MID	QPSK	22.75	22.79	22.58	23.50
		HIGH	QPSK	22.77	22.77	22.56	23.50
	25	LOW	QPSK	22.74	22.78	22.61	23.50
5	1	LOW	Q16	22.99	23.31	22.70	23.50
		MID	Q16	23.00	23.37	22.63	23.50
		HIGH	Q16	23.05	23.39	22.71	23.50
	12	LOW	Q16	21.78	21.92	21.70	22.50
		MID	Q16	21.79	21.90	21.60	22.50
		HIGH	Q16	21.80	21.85	21.61	22.50
	25	LOW	Q16	21.79	21.82	21.54	22.50
5	1	LOW	64QAM	21.97	22.42	21.67	22.50
		MID	64QAM	21.99	22.49	21.71	22.50
		HIGH	64QAM	22.02	22.36	21.57	22.50
	12	LOW	64QAM	20.89	20.77	20.63	21.50
		MID	64QAM	20.84	20.95	20.59	21.50
		HIGH	64QAM	20.86	20.86	20.64	21.50
	25	LOW	64QAM	20.66	20.93	20.51	21.50

LTE B26-Level5&6-off-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.69	23.61	23.57	24.50
		MID	QPSK	23.75	23.74	23.59	24.50
		HIGH	QPSK	23.77	23.71	23.57	24.50
	25	LOW	QPSK	22.70	22.79	22.58	23.50
		MID	QPSK	22.76	22.77	22.61	23.50
		HIGH	QPSK	22.79	22.78	22.54	23.50
	50	LOW	QPSK	22.78	22.80	22.60	23.50
10	1	LOW	Q16	22.59	23.00	22.59	23.50
		MID	Q16	22.65	23.13	22.64	23.50
		HIGH	Q16	22.68	23.12	22.63	23.50
	25	LOW	Q16	21.74	21.83	21.67	22.50
		MID	Q16	21.79	21.81	21.72	22.50
		HIGH	Q16	21.83	21.81	21.64	22.50
	50	LOW	Q16	21.75	21.79	21.61	22.50
10	1	LOW	64QAM	21.60	22.06	21.56	22.50
		MID	64QAM	21.51	22.24	21.68	22.50
		HIGH	64QAM	21.75	22.26	21.60	22.50
	25	LOW	64QAM	20.81	20.70	20.62	21.50
		MID	64QAM	20.78	20.86	20.76	21.50
		HIGH	64QAM	20.77	20.86	20.60	21.50
	50	LOW	64QAM	20.80	20.87	20.61	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.63	23.53	23.51	24.50
		MID	QPSK	23.71	23.63	23.50	24.50
		HIGH	QPSK	23.67	23.48	23.45	24.50
	36	LOW	QPSK	22.65	22.59	22.56	23.50
		MID	QPSK	22.72	22.57	22.57	23.50
		HIGH	QPSK	22.69	22.60	22.50	23.50
	75	LOW	QPSK	22.71	22.64	22.55	23.50
15	1	LOW	Q16	22.54	22.92	23.00	23.50
		MID	Q16	22.63	23.01	23.05	23.50
		HIGH	Q16	22.56	22.96	22.93	23.50
	36	LOW	Q16	21.71	21.66	21.52	22.50
		MID	Q16	21.73	21.63	21.53	22.50
		HIGH	Q16	21.69	21.67	21.50	22.50
	75	LOW	Q16	21.69	21.64	21.52	22.50
15	1	LOW	64QAM	21.52	22.01	22.02	22.50
		MID	64QAM	21.60	22.09	22.16	22.50
		HIGH	64QAM	21.65	21.90	21.95	22.50
	36	LOW	64QAM	20.63	20.68	20.42	21.50
		MID	64QAM	20.82	20.57	20.43	21.50
		HIGH	64QAM	20.68	20.61	20.49	21.50
	75	LOW	64QAM	20.84	20.49	20.37	21.50

LTE B26-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.58	23.65	23.59	24.50
		MID	QPSK	23.58	23.64	23.61	24.50
		HIGH	QPSK	23.61	23.67	23.57	24.50
	3	LOW	QPSK	23.68	23.73	23.67	24.50
		MID	QPSK	23.69	23.75	23.68	24.50
		HIGH	QPSK	23.70	23.69	23.67	24.50
	6	LOW	QPSK	22.69	22.76	22.65	23.50
1.4	1	LOW	Q16	22.81	23.15	22.72	23.50
		MID	Q16	22.85	23.10	22.69	23.50
		HIGH	Q16	22.85	23.11	22.70	23.50
	3	LOW	Q16	22.73	22.93	22.81	23.50
		MID	Q16	22.75	22.92	22.83	23.50
		HIGH	Q16	22.78	22.90	22.78	23.50
	6	LOW	Q16	21.82	21.64	21.80	22.50
1.4	1	LOW	64QAM	21.72	22.13	21.79	22.50
		MID	64QAM	21.94	21.99	21.54	22.50
		HIGH	64QAM	21.86	22.11	21.68	22.50
	3	LOW	64QAM	21.63	21.93	21.87	22.50
		MID	64QAM	21.90	22.02	21.93	22.50
		HIGH	64QAM	21.78	21.82	21.69	22.50
	6	LOW	64QAM	20.73	20.59	20.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.70	23.71	23.67	24.50
		MID	QPSK	23.69	23.72	23.66	24.50
		HIGH	QPSK	23.70	23.68	23.65	24.50
	8	LOW	QPSK	22.69	22.75	22.72	23.50
		MID	QPSK	22.70	22.75	22.72	23.50
		HIGH	QPSK	22.70	22.76	22.67	23.50
	15	LOW	QPSK	22.72	22.77	22.70	23.50
3	1	LOW	Q16	22.61	23.14	22.76	23.50
		MID	Q16	22.59	23.14	22.74	23.50
		HIGH	Q16	22.61	23.15	22.69	23.50
	8	LOW	Q16	21.80	21.83	21.73	22.50
		MID	Q16	21.85	21.82	21.74	22.50
		HIGH	Q16	21.82	21.82	21.73	22.50
	15	LOW	Q16	21.76	21.80	21.64	22.50
3	1	LOW	64QAM	21.69	22.06	21.63	22.50
		MID	64QAM	21.71	22.02	21.88	22.50
		HIGH	64QAM	21.64	22.05	21.56	22.50
	8	LOW	64QAM	20.85	20.94	20.83	22.50
		MID	64QAM	20.95	20.80	20.76	22.50
		HIGH	64QAM	20.93	20.81	20.74	22.50
	15	LOW	64QAM	20.64	20.75	20.58	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.85	23.71	23.63	24.50
		MID	QPSK	23.93	23.76	23.57	24.50
		HIGH	QPSK	23.94	23.80	23.61	24.50
	12	LOW	QPSK	22.74	22.74	22.64	23.50
		MID	QPSK	22.75	22.79	22.58	23.50
		HIGH	QPSK	22.77	22.77	22.56	23.50
	25	LOW	QPSK	22.74	22.78	22.61	23.50
5	1	LOW	Q16	22.99	23.31	22.70	23.50
		MID	Q16	23.00	23.37	22.63	23.50
		HIGH	Q16	23.05	23.39	22.71	23.50
	12	LOW	Q16	21.78	21.92	21.70	22.50
		MID	Q16	21.79	21.90	21.60	22.50
		HIGH	Q16	21.80	21.85	21.61	22.50
	25	LOW	Q16	21.79	21.82	21.54	22.50
5	1	LOW	64QAM	21.97	22.42	21.67	22.50
		MID	64QAM	21.99	22.49	21.71	22.50
		HIGH	64QAM	22.02	22.36	21.57	22.50
	12	LOW	64QAM	20.89	20.77	20.63	21.50
		MID	64QAM	20.84	20.95	20.59	21.50
		HIGH	64QAM	20.86	20.86	20.64	21.50
	25	LOW	64QAM	20.66	20.93	20.51	21.50

LTE B26-Level5&6-on2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.69	23.61	23.57	24.50
		MID	QPSK	23.75	23.74	23.59	24.50
		HIGH	QPSK	23.77	23.71	23.57	24.50
	25	LOW	QPSK	22.70	22.79	22.58	23.50
		MID	QPSK	22.76	22.77	22.61	23.50
		HIGH	QPSK	22.79	22.78	22.54	23.50
	50	LOW	QPSK	22.78	22.80	22.60	23.50
10	1	LOW	Q16	22.59	23.00	22.59	23.50
		MID	Q16	22.65	23.13	22.64	23.50
		HIGH	Q16	22.68	23.12	22.63	23.50
	25	LOW	Q16	21.74	21.83	21.67	22.50
		MID	Q16	21.79	21.81	21.72	22.50
		HIGH	Q16	21.83	21.81	21.64	22.50
	50	LOW	Q16	21.75	21.79	21.61	22.50
10	1	LOW	64QAM	21.60	22.06	21.56	22.50
		MID	64QAM	21.51	22.24	21.68	22.50
		HIGH	64QAM	21.75	22.26	21.60	22.50
	25	LOW	64QAM	20.81	20.70	20.62	21.50
		MID	64QAM	20.78	20.86	20.76	21.50
		HIGH	64QAM	20.77	20.86	20.60	21.50
	50	LOW	64QAM	20.80	20.87	20.61	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.63	23.53	23.51	24.50
		MID	QPSK	23.71	23.63	23.50	24.50
		HIGH	QPSK	23.67	23.48	23.45	24.50
	36	LOW	QPSK	22.65	22.59	22.56	23.50
		MID	QPSK	22.72	22.57	22.57	23.50
		HIGH	QPSK	22.69	22.60	22.50	23.50
	75	LOW	QPSK	22.71	22.64	22.55	23.50
15	1	LOW	Q16	22.54	22.92	23.00	23.50
		MID	Q16	22.63	23.01	23.05	23.50
		HIGH	Q16	22.56	22.96	22.93	23.50
	36	LOW	Q16	21.71	21.66	21.52	22.50
		MID	Q16	21.73	21.63	21.53	22.50
		HIGH	Q16	21.69	21.67	21.50	22.50
	75	LOW	Q16	21.69	21.64	21.52	22.50
15	1	LOW	64QAM	21.52	22.01	22.02	22.50
		MID	64QAM	21.60	22.09	22.16	22.50
		HIGH	64QAM	21.65	21.90	21.95	22.50
	36	LOW	64QAM	20.63	20.68	20.42	21.50
		MID	64QAM	20.82	20.57	20.43	21.50
		HIGH	64QAM	20.68	20.61	20.49	21.50
	75	LOW	64QAM	20.84	20.49	20.37	21.50

LTE B26-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.81	23.75	23.75	24.80
		MID	QPSK	23.90	23.89	23.77	24.80
		HIGH	QPSK	23.93	23.92	23.75	24.80
	25	LOW	QPSK	22.81	22.96	22.76	23.80
		MID	QPSK	22.89	22.93	22.78	23.80
		HIGH	QPSK	22.95	22.96	22.71	23.80
	50	LOW	QPSK	22.92	22.98	22.76	23.80
10	1	LOW	Q16	22.70	23.18	22.79	23.80
		MID	Q16	22.77	23.30	22.81	23.80
		HIGH	Q16	22.82	23.29	22.81	23.80
	25	LOW	Q16	21.83	22.00	21.87	22.80
		MID	Q16	21.95	21.97	21.86	22.80
		HIGH	Q16	22.03	22.02	21.80	22.80
	50	LOW	Q16	21.88	21.96	21.77	22.80
10	1	LOW	64QAM	21.79	22.24	21.68	22.80
		MID	64QAM	21.78	22.24	21.88	22.80
		HIGH	64QAM	21.96	22.35	21.88	22.80
	25	LOW	64QAM	20.93	21.00	20.91	21.80
		MID	64QAM	20.96	21.01	20.85	21.80
		HIGH	64QAM	21.07	21.10	20.81	21.80
	50	LOW	64QAM	20.81	21.02	20.72	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	23.68	23.68	24.80
		MID	QPSK	23.86	23.77	23.71	24.80
		HIGH	QPSK	23.84	23.70	23.67	24.80
	36	LOW	QPSK	22.76	22.78	22.71	23.80
		MID	QPSK	22.81	22.73	22.73	23.80
		HIGH	QPSK	22.82	22.78	22.66	23.80
	75	LOW	QPSK	22.82	22.82	22.71	23.80
15	1	LOW	Q16	22.70	23.10	23.18	23.80
		MID	Q16	22.80	23.16	23.20	23.80
		HIGH	Q16	22.69	23.10	23.11	23.80
	36	LOW	Q16	21.79	21.83	21.69	22.80
		MID	Q16	21.86	21.79	21.73	22.80
		HIGH	Q16	21.84	21.84	21.64	22.80
	75	LOW	Q16	21.80	21.84	21.69	22.80
15	1	LOW	64QAM	21.73	22.01	22.12	22.80
		MID	64QAM	21.92	22.08	22.19	22.80
		HIGH	64QAM	21.64	22.19	22.17	22.80
	36	LOW	64QAM	20.73	20.84	20.67	21.80
		MID	64QAM	20.87	20.77	20.63	21.80
		HIGH	64QAM	20.99	20.79	20.69	21.80
	75	LOW	64QAM	20.73	20.72	20.77	21.80

LTE B26-Level1-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.73	23.77	23.76	24.80
		MID	QPSK	23.70	23.77	23.78	24.80
		HIGH	QPSK	23.73	23.80	23.82	24.80
	3	LOW	QPSK	23.80	23.86	23.86	24.80
		MID	QPSK	23.81	23.89	23.85	24.80
		HIGH	QPSK	23.85	23.87	23.86	24.80
6	LOW	QPSK	22.82	22.89	22.84	23.80	
1.4	1	LOW	Q16	22.91	23.27	22.87	23.80
		MID	Q16	22.96	23.24	22.89	23.80
		HIGH	Q16	22.97	23.27	22.88	23.80
	3	LOW	Q16	22.86	23.07	23.01	23.80
		MID	Q16	22.90	23.05	22.99	23.80
		HIGH	Q16	22.92	23.05	22.98	23.80
6	LOW	Q16	21.95	21.78	22.00	22.80	
1.4	1	LOW	64QAM	21.86	22.37	21.88	22.80
		MID	64QAM	21.89	22.33	21.96	22.80
		HIGH	64QAM	21.86	22.40	21.91	22.80
	3	LOW	64QAM	21.95	22.16	22.16	22.80
		MID	64QAM	21.96	21.98	22.08	22.80
		HIGH	64QAM	22.04	21.93	22.09	22.80
6	LOW	64QAM	21.06	20.85	21.02	21.80	
Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.86	23.85	23.83	24.80
		MID	QPSK	23.84	23.87	23.82	24.80
		HIGH	QPSK	23.84	23.83	23.84	24.80
	8	LOW	QPSK	22.81	22.91	22.89	23.80
		MID	QPSK	22.84	22.87	22.88	23.80
		HIGH	QPSK	22.84	22.93	22.85	23.80
15	LOW	QPSK	22.87	22.94	22.87	23.80	
3	1	LOW	Q16	22.75	23.28	22.94	23.80
		MID	Q16	22.76	23.28	22.91	23.80
		HIGH	Q16	22.74	23.32	22.88	23.80
	8	LOW	Q16	21.94	22.00	21.94	22.80
		MID	Q16	21.95	21.99	21.91	22.80
		HIGH	Q16	21.93	22.00	21.93	22.80
15	LOW	Q16	21.87	21.98	21.83	22.80	
3	1	LOW	64QAM	21.61	22.40	21.80	22.80
		MID	64QAM	21.65	22.17	21.86	22.80
		HIGH	64QAM	21.88	22.22	21.73	22.80
	8	LOW	64QAM	20.82	20.96	20.91	22.80
		MID	64QAM	20.88	20.97	20.89	22.80
		HIGH	64QAM	20.99	21.04	20.90	22.80
15	LOW	64QAM	20.77	20.84	20.91	21.80	
Bandwidth	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.00	23.81	23.81	24.80
		MID	QPSK	24.07	23.90	23.78	24.80
		HIGH	QPSK	24.10	23.91	23.81	24.80
	12	LOW	QPSK	22.88	22.92	22.81	23.80
		MID	QPSK	22.86	22.92	22.76	23.80
		HIGH	QPSK	22.89	22.92	22.74	23.80
25	LOW	QPSK	22.87	22.95	22.80	23.80	
5	1	LOW	Q16	23.14	23.48	22.85	23.80
		MID	Q16	23.14	23.56	22.81	23.80
		HIGH	Q16	23.15	23.52	22.88	23.80
	12	LOW	Q16	21.94	22.06	21.90	22.80
		MID	Q16	21.93	22.03	21.81	22.80
		HIGH	Q16	21.97	22.04	21.78	22.80
25	LOW	Q16	21.93	22.01	21.76	22.80	
5	1	LOW	64QAM	22.25	22.33	21.91	22.80
		MID	64QAM	22.20	22.48	21.90	22.80
		HIGH	64QAM	22.06	22.44	22.03	22.80
	12	LOW	64QAM	20.94	21.19	20.80	21.80
		MID	64QAM	20.93	21.06	20.84	21.80
		HIGH	64QAM	21.12	21.11	20.73	21.80
25	LOW	64QAM	20.81	20.93	20.82	21.80	

LTE B26-Level1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.81	23.75	23.75	24.80
		MID	QPSK	23.90	23.89	23.77	24.80
		HIGH	QPSK	23.93	23.92	23.75	24.80
	25	LOW	QPSK	22.81	22.96	22.76	23.80
		MID	QPSK	22.89	22.93	22.78	23.80
		HIGH	QPSK	22.95	22.96	22.71	23.80
	50	LOW	QPSK	22.92	22.98	22.76	23.80
10	1	LOW	Q16	22.70	23.18	22.79	23.80
		MID	Q16	22.77	23.30	22.81	23.80
		HIGH	Q16	22.82	23.29	22.81	23.80
	25	LOW	Q16	21.83	22.00	21.87	22.80
		MID	Q16	21.95	21.97	21.86	22.80
		HIGH	Q16	22.03	22.02	21.80	22.80
	50	LOW	Q16	21.88	21.96	21.77	22.80
10	1	LOW	64QAM	21.79	22.24	21.68	22.80
		MID	64QAM	21.78	22.24	21.88	22.80
		HIGH	64QAM	21.96	22.35	21.88	22.80
	25	LOW	64QAM	20.93	21.00	20.91	21.80
		MID	64QAM	20.96	21.01	20.85	21.80
		HIGH	64QAM	21.07	21.10	20.81	21.80
	50	LOW	64QAM	20.81	21.02	20.72	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	23.68	23.68	24.80
		MID	QPSK	23.86	23.77	23.71	24.80
		HIGH	QPSK	23.84	23.70	23.67	24.80
	36	LOW	QPSK	22.76	22.78	22.71	23.80
		MID	QPSK	22.81	22.73	22.73	23.80
		HIGH	QPSK	22.82	22.78	22.66	23.80
	75	LOW	QPSK	22.82	22.82	22.71	23.80
15	1	LOW	Q16	22.70	23.10	23.18	23.80
		MID	Q16	22.80	23.16	23.20	23.80
		HIGH	Q16	22.69	23.10	23.11	23.80
	36	LOW	Q16	21.79	21.83	21.69	22.80
		MID	Q16	21.86	21.79	21.73	22.80
		HIGH	Q16	21.84	21.84	21.64	22.80
	75	LOW	Q16	21.80	21.84	21.69	22.80
15	1	LOW	64QAM	21.73	22.01	22.12	22.80
		MID	64QAM	21.92	22.08	22.19	22.80
		HIGH	64QAM	21.64	22.19	22.17	22.80
	36	LOW	64QAM	20.73	20.84	20.67	21.80
		MID	64QAM	20.87	20.77	20.63	21.80
		HIGH	64QAM	20.99	20.79	20.69	21.80
	75	LOW	64QAM	20.73	20.72	20.77	21.80

Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.73	23.77	23.76	24.80
		MID	QPSK	23.70	23.77	23.78	24.80
		HIGH	QPSK	23.73	23.80	23.82	24.80
	3	LOW	QPSK	23.80	23.86	23.86	24.80
		MID	QPSK	23.81	23.89	23.85	24.80
		HIGH	QPSK	23.85	23.87	23.86	24.80
	6	LOW	QPSK	22.82	22.89	22.84	23.80
1.4	1	LOW	Q16	22.91	23.27	22.87	23.80
		MID	Q16	22.96	23.24	22.89	23.80
		HIGH	Q16	22.97	23.27	22.88	23.80
	3	LOW	Q16	22.86	23.07	23.01	23.80
		MID	Q16	22.90	23.05	22.99	23.80
		HIGH	Q16	22.92	23.05	22.98	23.80
	6	LOW	Q16	21.95	21.78	22.00	22.80
1.4	1	LOW	64QAM	21.86	22.37	21.88	22.80
		MID	64QAM	21.89	22.33	21.96	22.80
		HIGH	64QAM	21.86	22.40	21.91	22.80
	3	LOW	64QAM	21.95	22.16	22.16	22.80
		MID	64QAM	21.96	21.98	22.08	22.80
		HIGH	64QAM	22.04	21.93	22.09	22.80
	6	LOW	64QAM	21.06	20.85	21.02	21.80
Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.86	23.85	23.83	24.80
		MID	QPSK	23.84	23.87	23.82	24.80
		HIGH	QPSK	23.84	23.83	23.84	24.80
	8	LOW	QPSK	22.81	22.91	22.89	23.80
		MID	QPSK	22.84	22.87	22.88	23.80
		HIGH	QPSK	22.84	22.93	22.85	23.80
	15	LOW	QPSK	22.87	22.94	22.87	23.80
3	1	LOW	Q16	22.75	23.28	22.94	23.80
		MID	Q16	22.76	23.28	22.91	23.80
		HIGH	Q16	22.74	23.32	22.88	23.80
	8	LOW	Q16	21.94	22.00	21.94	22.80
		MID	Q16	21.95	21.99	21.91	22.80
		HIGH	Q16	21.93	22.00	21.93	22.80
	15	LOW	Q16	21.87	21.98	21.83	22.80
3	1	LOW	64QAM	21.61	22.40	21.80	22.80
		MID	64QAM	21.65	22.17	21.86	22.80
		HIGH	64QAM	21.88	22.22	21.73	22.80
	8	LOW	64QAM	20.82	20.96	20.91	22.80
		MID	64QAM	20.88	20.97	20.89	22.80
		HIGH	64QAM	20.99	21.04	20.90	22.80
	15	LOW	64QAM	20.77	20.84	20.91	21.80
Bandwidth	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.00	23.81	23.81	24.80
		MID	QPSK	24.07	23.90	23.78	24.80
		HIGH	QPSK	24.10	23.91	23.81	24.80
	12	LOW	QPSK	22.88	22.92	22.81	23.80
		MID	QPSK	22.86	22.92	22.76	23.80
		HIGH	QPSK	22.89	22.92	22.74	23.80
25	LOW	QPSK	22.87	22.95	22.80	23.80	
5	1	LOW	Q16	23.14	23.48	22.85	23.80
		MID	Q16	23.14	23.56	22.81	23.80
		HIGH	Q16	23.15	23.52	22.88	23.80
	12	LOW	Q16	21.94	22.06	21.90	22.80
		MID	Q16	21.93	22.03	21.81	22.80
		HIGH	Q16	21.97	22.04	21.78	22.80
25	LOW	Q16	21.93	22.01	21.76	22.80	
5	1	LOW	64QAM	22.25	22.33	21.91	22.80
		MID	64QAM	22.20	22.48	21.90	22.80
		HIGH	64QAM	22.06	22.44	22.03	22.80
	12	LOW	64QAM	20.94	21.19	20.80	21.80
		MID	64QAM	20.93	21.06	20.84	21.80
		HIGH	64QAM	21.12	21.11	20.73	21.80
25	LOW	64QAM	20.81	20.93	20.82	21.80	

LTE B26-Level2&3-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.81	23.75	23.75	24.80
		MID	QPSK	23.90	23.89	23.77	24.80
		HIGH	QPSK	23.93	23.92	23.75	24.80
	25	LOW	QPSK	22.81	22.96	22.76	23.80
		MID	QPSK	22.89	22.93	22.78	23.80
		HIGH	QPSK	22.95	22.96	22.71	23.80
	50	LOW	QPSK	22.92	22.98	22.76	23.80
10	1	LOW	Q16	22.70	23.18	22.79	23.80
		MID	Q16	22.77	23.30	22.81	23.80
		HIGH	Q16	22.82	23.29	22.81	23.80
	25	LOW	Q16	21.83	22.00	21.87	22.80
		MID	Q16	21.95	21.97	21.86	22.80
		HIGH	Q16	22.03	22.02	21.80	22.80
	50	LOW	Q16	21.88	21.96	21.77	22.80
10	1	LOW	64QAM	21.79	22.24	21.68	22.80
		MID	64QAM	21.78	22.24	21.88	22.80
		HIGH	64QAM	21.96	22.35	21.88	22.80
	25	LOW	64QAM	20.93	21.00	20.91	21.80
		MID	64QAM	20.96	21.01	20.85	21.80
		HIGH	64QAM	21.07	21.10	20.81	21.80
	50	LOW	64QAM	20.81	21.02	20.72	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	23.68	23.68	24.80
		MID	QPSK	23.86	23.77	23.71	24.80
		HIGH	QPSK	23.84	23.70	23.67	24.80
	36	LOW	QPSK	22.76	22.78	22.71	23.80
		MID	QPSK	22.81	22.73	22.73	23.80
		HIGH	QPSK	22.82	22.78	22.66	23.80
	75	LOW	QPSK	22.82	22.82	22.71	23.80
15	1	LOW	Q16	22.70	23.10	23.18	23.80
		MID	Q16	22.80	23.16	23.20	23.80
		HIGH	Q16	22.69	23.10	23.11	23.80
	36	LOW	Q16	21.79	21.83	21.69	22.80
		MID	Q16	21.86	21.79	21.73	22.80
		HIGH	Q16	21.84	21.84	21.64	22.80
	75	LOW	Q16	21.80	21.84	21.69	22.80
15	1	LOW	64QAM	21.73	22.01	22.12	22.80
		MID	64QAM	21.92	22.08	22.19	22.80
		HIGH	64QAM	21.64	22.19	22.17	22.80
	36	LOW	64QAM	20.73	20.84	20.67	21.80
		MID	64QAM	20.87	20.77	20.63	21.80
		HIGH	64QAM	20.99	20.79	20.69	21.80
	75	LOW	64QAM	20.73	20.72	20.77	21.80

Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.73	23.77	23.76	24.80
		MID	QPSK	23.70	23.77	23.78	24.80
		HIGH	QPSK	23.73	23.80	23.82	24.80
	3	LOW	QPSK	23.80	23.86	23.86	24.80
		MID	QPSK	23.81	23.89	23.85	24.80
		HIGH	QPSK	23.85	23.87	23.86	24.80
	6	LOW	QPSK	22.82	22.89	22.84	23.80
1.4	1	LOW	Q16	22.91	23.27	22.87	23.80
		MID	Q16	22.96	23.24	22.89	23.80
		HIGH	Q16	22.97	23.27	22.88	23.80
	3	LOW	Q16	22.86	23.07	23.01	23.80
		MID	Q16	22.90	23.05	22.99	23.80
		HIGH	Q16	22.92	23.05	22.98	23.80
	6	LOW	Q16	21.95	21.78	22.00	22.80
1.4	1	LOW	64QAM	21.86	22.37	21.88	22.80
		MID	64QAM	21.89	22.33	21.96	22.80
		HIGH	64QAM	21.86	22.40	21.91	22.80
	3	LOW	64QAM	21.95	22.16	22.16	22.80
		MID	64QAM	21.96	21.98	22.08	22.80
		HIGH	64QAM	22.04	21.93	22.09	22.80
	6	LOW	64QAM	21.06	20.85	21.02	21.80
Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.86	23.85	23.83	24.80
		MID	QPSK	23.84	23.87	23.82	24.80
		HIGH	QPSK	23.84	23.83	23.84	24.80
	8	LOW	QPSK	22.81	22.91	22.89	23.80
		MID	QPSK	22.84	22.87	22.88	23.80
		HIGH	QPSK	22.84	22.93	22.85	23.80
	15	LOW	QPSK	22.87	22.94	22.87	23.80
3	1	LOW	Q16	22.75	23.28	22.94	23.80
		MID	Q16	22.76	23.28	22.91	23.80
		HIGH	Q16	22.74	23.32	22.88	23.80
	8	LOW	Q16	21.94	22.00	21.94	22.80
		MID	Q16	21.95	21.99	21.91	22.80
		HIGH	Q16	21.93	22.00	21.93	22.80
	15	LOW	Q16	21.87	21.98	21.83	22.80
3	1	LOW	64QAM	21.61	22.40	21.80	22.80
		MID	64QAM	21.65	22.17	21.86	22.80
		HIGH	64QAM	21.88	22.22	21.73	22.80
	8	LOW	64QAM	20.82	20.96	20.91	22.80
		MID	64QAM	20.88	20.97	20.89	22.80
		HIGH	64QAM	20.99	21.04	20.90	22.80
	15	LOW	64QAM	20.77	20.84	20.91	21.80
Bandwidth	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.00	23.81	23.81	24.80
		MID	QPSK	24.07	23.90	23.78	24.80
		HIGH	QPSK	24.10	23.91	23.81	24.80
	12	LOW	QPSK	22.88	22.92	22.81	23.80
		MID	QPSK	22.86	22.92	22.76	23.80
		HIGH	QPSK	22.89	22.92	22.74	23.80
25	LOW	QPSK	22.87	22.95	22.80	23.80	
5	1	LOW	Q16	23.14	23.48	22.85	23.80
		MID	Q16	23.14	23.56	22.81	23.80
		HIGH	Q16	23.15	23.52	22.88	23.80
	12	LOW	Q16	21.94	22.06	21.90	22.80
		MID	Q16	21.93	22.03	21.81	22.80
		HIGH	Q16	21.97	22.04	21.78	22.80
25	LOW	Q16	21.93	22.01	21.76	22.80	
5	1	LOW	64QAM	22.25	22.33	21.91	22.80
		MID	64QAM	22.20	22.48	21.90	22.80
		HIGH	64QAM	22.06	22.44	22.03	22.80
	12	LOW	64QAM	20.94	21.19	20.80	21.80
		MID	64QAM	20.93	21.06	20.84	21.80
		HIGH	64QAM	21.12	21.11	20.73	21.80
	25	LOW	64QAM	20.81	20.93	20.82	21.80

LTE B26-Level4-off-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.81	23.75	23.75	24.80
		MID	QPSK	23.90	23.89	23.77	24.80
		HIGH	QPSK	23.93	23.92	23.75	24.80
	25	LOW	QPSK	22.81	22.96	22.76	23.80
		MID	QPSK	22.89	22.93	22.78	23.80
		HIGH	QPSK	22.95	22.96	22.71	23.80
	50	LOW	QPSK	22.92	22.98	22.76	23.80
10	1	LOW	Q16	22.70	23.18	22.79	23.80
		MID	Q16	22.77	23.30	22.81	23.80
		HIGH	Q16	22.82	23.29	22.81	23.80
	25	LOW	Q16	21.83	22.00	21.87	22.80
		MID	Q16	21.95	21.97	21.86	22.80
		HIGH	Q16	22.03	22.02	21.80	22.80
	50	LOW	Q16	21.88	21.96	21.77	22.80
10	1	LOW	64QAM	21.79	22.24	21.68	22.80
		MID	64QAM	21.78	22.24	21.88	22.80
		HIGH	64QAM	21.96	22.35	21.88	22.80
	25	LOW	64QAM	20.93	21.00	20.91	21.80
		MID	64QAM	20.96	21.01	20.85	21.80
		HIGH	64QAM	21.07	21.10	20.81	21.80
	50	LOW	64QAM	20.81	21.02	20.72	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	23.68	23.68	24.80
		MID	QPSK	23.86	23.77	23.71	24.80
		HIGH	QPSK	23.84	23.70	23.67	24.80
	36	LOW	QPSK	22.76	22.78	22.71	23.80
		MID	QPSK	22.81	22.73	22.73	23.80
		HIGH	QPSK	22.82	22.78	22.66	23.80
	75	LOW	QPSK	22.82	22.82	22.71	23.80
15	1	LOW	Q16	22.70	23.10	23.18	23.80
		MID	Q16	22.80	23.16	23.20	23.80
		HIGH	Q16	22.69	23.10	23.11	23.80
	36	LOW	Q16	21.79	21.83	21.69	22.80
		MID	Q16	21.86	21.79	21.73	22.80
		HIGH	Q16	21.84	21.84	21.64	22.80
	75	LOW	Q16	21.80	21.84	21.69	22.80
15	1	LOW	64QAM	21.73	22.01	22.12	22.80
		MID	64QAM	21.92	22.08	22.19	22.80
		HIGH	64QAM	21.64	22.19	22.17	22.80
	36	LOW	64QAM	20.73	20.84	20.67	21.80
		MID	64QAM	20.87	20.77	20.63	21.80
		HIGH	64QAM	20.99	20.79	20.69	21.80
	75	LOW	64QAM	20.73	20.72	20.77	21.80

LTE B26-Level4-on1-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.73	23.77	23.76	24.80
		MID	QPSK	23.70	23.77	23.78	24.80
		HIGH	QPSK	23.73	23.80	23.82	24.80
	3	LOW	QPSK	23.80	23.86	23.86	24.80
		MID	QPSK	23.81	23.89	23.85	24.80
		HIGH	QPSK	23.85	23.87	23.86	24.80
6	LOW	QPSK	22.82	22.89	22.84	23.80	
1.4	1	LOW	Q16	22.91	23.27	22.87	23.80
		MID	Q16	22.96	23.24	22.89	23.80
		HIGH	Q16	22.97	23.27	22.88	23.80
	3	LOW	Q16	22.86	23.07	23.01	23.80
		MID	Q16	22.90	23.05	22.99	23.80
		HIGH	Q16	22.92	23.05	22.98	23.80
6	LOW	Q16	21.95	21.78	22.00	22.80	
1.4	1	LOW	64QAM	21.86	22.37	21.88	22.80
		MID	64QAM	21.89	22.33	21.96	22.80
		HIGH	64QAM	21.86	22.40	21.91	22.80
	3	LOW	64QAM	21.95	22.16	22.16	22.80
		MID	64QAM	21.96	21.98	22.08	22.80
		HIGH	64QAM	22.04	21.93	22.09	22.80
6	LOW	64QAM	21.06	20.85	21.02	21.80	
Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.86	23.85	23.83	24.80
		MID	QPSK	23.84	23.87	23.82	24.80
		HIGH	QPSK	23.84	23.83	23.84	24.80
	8	LOW	QPSK	22.81	22.91	22.89	23.80
		MID	QPSK	22.84	22.87	22.88	23.80
		HIGH	QPSK	22.84	22.93	22.85	23.80
15	LOW	QPSK	22.87	22.94	22.87	23.80	
3	1	LOW	Q16	22.75	23.28	22.94	23.80
		MID	Q16	22.76	23.28	22.91	23.80
		HIGH	Q16	22.74	23.32	22.88	23.80
	8	LOW	Q16	21.94	22.00	21.94	22.80
		MID	Q16	21.95	21.99	21.91	22.80
		HIGH	Q16	21.93	22.00	21.93	22.80
15	LOW	Q16	21.87	21.98	21.83	22.80	
3	1	LOW	64QAM	21.61	22.40	21.80	22.80
		MID	64QAM	21.65	22.17	21.86	22.80
		HIGH	64QAM	21.88	22.22	21.73	22.80
	8	LOW	64QAM	20.82	20.96	20.91	22.80
		MID	64QAM	20.88	20.97	20.89	22.80
		HIGH	64QAM	20.99	21.04	20.90	22.80
15	LOW	64QAM	20.77	20.84	20.91	21.80	
Bandwidth	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.00	23.81	23.81	24.80
		MID	QPSK	24.07	23.90	23.78	24.80
		HIGH	QPSK	24.10	23.91	23.81	24.80
	12	LOW	QPSK	22.88	22.92	22.81	23.80
		MID	QPSK	22.86	22.92	22.76	23.80
		HIGH	QPSK	22.89	22.92	22.74	23.80
25	LOW	QPSK	22.87	22.95	22.80	23.80	
5	1	LOW	Q16	23.14	23.48	22.85	23.80
		MID	Q16	23.14	23.56	22.81	23.80
		HIGH	Q16	23.15	23.52	22.88	23.80
	12	LOW	Q16	21.94	22.06	21.90	22.80
		MID	Q16	21.93	22.03	21.81	22.80
		HIGH	Q16	21.97	22.04	21.78	22.80
25	LOW	Q16	21.93	22.01	21.76	22.80	
5	1	LOW	64QAM	22.25	22.33	21.91	22.80
		MID	64QAM	22.20	22.48	21.90	22.80
		HIGH	64QAM	22.06	22.44	22.03	22.80
	12	LOW	64QAM	20.94	21.19	20.80	21.80
		MID	64QAM	20.93	21.06	20.84	21.80
		HIGH	64QAM	21.12	21.11	20.73	21.80
25	LOW	64QAM	20.81	20.93	20.82	21.80	

LTE B26-Level4-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.81	23.75	23.75	24.80
		MID	QPSK	23.90	23.89	23.77	24.80
		HIGH	QPSK	23.93	23.92	23.75	24.80
	25	LOW	QPSK	22.81	22.96	22.76	23.80
		MID	QPSK	22.89	22.93	22.78	23.80
		HIGH	QPSK	22.95	22.96	22.71	23.80
	50	LOW	QPSK	22.92	22.98	22.76	23.80
10	1	LOW	Q16	22.70	23.18	22.79	23.80
		MID	Q16	22.77	23.30	22.81	23.80
		HIGH	Q16	22.82	23.29	22.81	23.80
	25	LOW	Q16	21.83	22.00	21.87	22.80
		MID	Q16	21.95	21.97	21.86	22.80
		HIGH	Q16	22.03	22.02	21.80	22.80
	50	LOW	Q16	21.88	21.96	21.77	22.80
10	1	LOW	64QAM	21.79	22.24	21.68	22.80
		MID	64QAM	21.78	22.24	21.88	22.80
		HIGH	64QAM	21.96	22.35	21.88	22.80
	25	LOW	64QAM	20.93	21.00	20.91	21.80
		MID	64QAM	20.96	21.01	20.85	21.80
		HIGH	64QAM	21.07	21.10	20.81	21.80
	50	LOW	64QAM	20.81	21.02	20.72	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	23.68	23.68	24.80
		MID	QPSK	23.86	23.77	23.71	24.80
		HIGH	QPSK	23.84	23.70	23.67	24.80
	36	LOW	QPSK	22.76	22.78	22.71	23.80
		MID	QPSK	22.81	22.73	22.73	23.80
		HIGH	QPSK	22.82	22.78	22.66	23.80
	75	LOW	QPSK	22.82	22.82	22.71	23.80
15	1	LOW	Q16	22.70	23.10	23.18	23.80
		MID	Q16	22.80	23.16	23.20	23.80
		HIGH	Q16	22.69	23.10	23.11	23.80
	36	LOW	Q16	21.79	21.83	21.69	22.80
		MID	Q16	21.86	21.79	21.73	22.80
		HIGH	Q16	21.84	21.84	21.64	22.80
	75	LOW	Q16	21.80	21.84	21.69	22.80
15	1	LOW	64QAM	21.73	22.01	22.12	22.80
		MID	64QAM	21.92	22.08	22.19	22.80
		HIGH	64QAM	21.64	22.19	22.17	22.80
	36	LOW	64QAM	20.73	20.84	20.67	21.80
		MID	64QAM	20.87	20.77	20.63	21.80
		HIGH	64QAM	20.99	20.79	20.69	21.80
	75	LOW	64QAM	20.73	20.72	20.77	21.80

LTE B26-Level5&6-off-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.73	23.77	23.76	24.80
		MID	QPSK	23.70	23.77	23.78	24.80
		HIGH	QPSK	23.73	23.80	23.82	24.80
	3	LOW	QPSK	23.80	23.86	23.86	24.80
		MID	QPSK	23.81	23.89	23.85	24.80
		HIGH	QPSK	23.85	23.87	23.86	24.80
6	LOW	QPSK	22.82	22.89	22.84	23.80	
1.4	1	LOW	Q16	22.91	23.27	22.87	23.80
		MID	Q16	22.96	23.24	22.89	23.80
		HIGH	Q16	22.97	23.27	22.88	23.80
	3	LOW	Q16	22.86	23.07	23.01	23.80
		MID	Q16	22.90	23.05	22.99	23.80
		HIGH	Q16	22.92	23.05	22.98	23.80
6	LOW	Q16	21.95	21.78	22.00	22.80	
1.4	1	LOW	64QAM	21.86	22.37	21.88	22.80
		MID	64QAM	21.89	22.33	21.96	22.80
		HIGH	64QAM	21.86	22.40	21.91	22.80
	3	LOW	64QAM	21.95	22.16	22.16	22.80
		MID	64QAM	21.96	21.98	22.08	22.80
		HIGH	64QAM	22.04	21.93	22.09	22.80
6	LOW	64QAM	21.06	20.85	21.02	21.80	
Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.86	23.85	23.83	24.80
		MID	QPSK	23.84	23.87	23.82	24.80
		HIGH	QPSK	23.84	23.83	23.84	24.80
	8	LOW	QPSK	22.81	22.91	22.89	23.80
		MID	QPSK	22.84	22.87	22.88	23.80
		HIGH	QPSK	22.84	22.93	22.85	23.80
15	LOW	QPSK	22.87	22.94	22.87	23.80	
3	1	LOW	Q16	22.75	23.28	22.94	23.80
		MID	Q16	22.76	23.28	22.91	23.80
		HIGH	Q16	22.74	23.32	22.88	23.80
	8	LOW	Q16	21.94	22.00	21.94	22.80
		MID	Q16	21.95	21.99	21.91	22.80
		HIGH	Q16	21.93	22.00	21.93	22.80
15	LOW	Q16	21.87	21.98	21.83	22.80	
3	1	LOW	64QAM	21.61	22.40	21.80	22.80
		MID	64QAM	21.65	22.17	21.86	22.80
		HIGH	64QAM	21.88	22.22	21.73	22.80
	8	LOW	64QAM	20.82	20.96	20.91	22.80
		MID	64QAM	20.88	20.97	20.89	22.80
		HIGH	64QAM	20.99	21.04	20.90	22.80
15	LOW	64QAM	20.77	20.84	20.91	21.80	
Bandwidth	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.00	23.81	23.81	24.80
		MID	QPSK	24.07	23.90	23.78	24.80
		HIGH	QPSK	24.10	23.91	23.81	24.80
	12	LOW	QPSK	22.88	22.92	22.81	23.80
		MID	QPSK	22.86	22.92	22.76	23.80
		HIGH	QPSK	22.89	22.92	22.74	23.80
25	LOW	QPSK	22.87	22.95	22.80	23.80	
5	1	LOW	Q16	23.14	23.48	22.85	23.80
		MID	Q16	23.14	23.56	22.81	23.80
		HIGH	Q16	23.15	23.52	22.88	23.80
	12	LOW	Q16	21.94	22.06	21.90	22.80
		MID	Q16	21.93	22.03	21.81	22.80
		HIGH	Q16	21.97	22.04	21.78	22.80
25	LOW	Q16	21.93	22.01	21.76	22.80	
5	1	LOW	64QAM	22.25	22.33	21.91	22.80
		MID	64QAM	22.20	22.48	21.90	22.80
		HIGH	64QAM	22.06	22.44	22.03	22.80
	12	LOW	64QAM	20.94	21.19	20.80	21.80
		MID	64QAM	20.93	21.06	20.84	21.80
		HIGH	64QAM	21.12	21.11	20.73	21.80
25	LOW	64QAM	20.81	20.93	20.82	21.80	

LTE B26-Level5&6-off-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.81	23.75	23.75	24.80
		MID	QPSK	23.90	23.89	23.77	24.80
		HIGH	QPSK	23.93	23.92	23.75	24.80
	25	LOW	QPSK	22.81	22.96	22.76	23.80
		MID	QPSK	22.89	22.93	22.78	23.80
		HIGH	QPSK	22.95	22.96	22.71	23.80
	50	LOW	QPSK	22.92	22.98	22.76	23.80
10	1	LOW	Q16	22.70	23.18	22.79	23.80
		MID	Q16	22.77	23.30	22.81	23.80
		HIGH	Q16	22.82	23.29	22.81	23.80
	25	LOW	Q16	21.83	22.00	21.87	22.80
		MID	Q16	21.95	21.97	21.86	22.80
		HIGH	Q16	22.03	22.02	21.80	22.80
	50	LOW	Q16	21.88	21.96	21.77	22.80
10	1	LOW	64QAM	21.79	22.24	21.68	22.80
		MID	64QAM	21.78	22.24	21.88	22.80
		HIGH	64QAM	21.96	22.35	21.88	22.80
	25	LOW	64QAM	20.93	21.00	20.91	21.80
		MID	64QAM	20.96	21.01	20.85	21.80
		HIGH	64QAM	21.07	21.10	20.81	21.80
	50	LOW	64QAM	20.81	21.02	20.72	21.80
Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	23.68	23.68	24.80
		MID	QPSK	23.86	23.77	23.71	24.80
		HIGH	QPSK	23.84	23.70	23.67	24.80
	36	LOW	QPSK	22.76	22.78	22.71	23.80
		MID	QPSK	22.81	22.73	22.73	23.80
		HIGH	QPSK	22.82	22.78	22.66	23.80
	75	LOW	QPSK	22.82	22.82	22.71	23.80
15	1	LOW	Q16	22.70	23.10	23.18	23.80
		MID	Q16	22.80	23.16	23.20	23.80
		HIGH	Q16	22.69	23.10	23.11	23.80
	36	LOW	Q16	21.79	21.83	21.69	22.80
		MID	Q16	21.86	21.79	21.73	22.80
		HIGH	Q16	21.84	21.84	21.64	22.80
	75	LOW	Q16	21.80	21.84	21.69	22.80
15	1	LOW	64QAM	21.73	22.01	22.12	22.80
		MID	64QAM	21.92	22.08	22.19	22.80
		HIGH	64QAM	21.64	22.19	22.17	22.80
	36	LOW	64QAM	20.73	20.84	20.67	21.80
		MID	64QAM	20.87	20.77	20.63	21.80
		HIGH	64QAM	20.99	20.79	20.69	21.80
	75	LOW	64QAM	20.73	20.72	20.77	21.80

LTE B26-Level5&6-on1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.81	23.75	23.75	24.80
		MID	QPSK	23.90	23.89	23.77	24.80
		HIGH	QPSK	23.93	23.92	23.75	24.80
	25	LOW	QPSK	22.81	22.96	22.76	23.80
		MID	QPSK	22.89	22.93	22.78	23.80
		HIGH	QPSK	22.95	22.96	22.71	23.80
	50	LOW	QPSK	22.92	22.98	22.76	23.80
10	1	LOW	Q16	22.70	23.18	22.79	23.80
		MID	Q16	22.77	23.30	22.81	23.80
		HIGH	Q16	22.82	23.29	22.81	23.80
	25	LOW	Q16	21.83	22.00	21.87	22.80
		MID	Q16	21.95	21.97	21.86	22.80
		HIGH	Q16	22.03	22.02	21.80	22.80
	50	LOW	Q16	21.88	21.96	21.77	22.80
10	1	LOW	64QAM	21.79	22.24	21.68	22.80
		MID	64QAM	21.78	22.24	21.88	22.80
		HIGH	64QAM	21.96	22.35	21.88	22.80
	25	LOW	64QAM	20.93	21.00	20.91	21.80
		MID	64QAM	20.96	21.01	20.85	21.80
		HIGH	64QAM	21.07	21.10	20.81	21.80
	50	LOW	64QAM	20.81	21.02	20.72	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.81	23.68	23.68	24.80
		MID	QPSK	23.86	23.77	23.71	24.80
		HIGH	QPSK	23.84	23.70	23.67	24.80
	36	LOW	QPSK	22.76	22.78	22.71	23.80
		MID	QPSK	22.81	22.73	22.73	23.80
		HIGH	QPSK	22.82	22.78	22.66	23.80
	75	LOW	QPSK	22.82	22.82	22.71	23.80
15	1	LOW	Q16	22.70	23.10	23.18	23.80
		MID	Q16	22.80	23.16	23.20	23.80
		HIGH	Q16	22.69	23.10	23.11	23.80
	36	LOW	Q16	21.79	21.83	21.69	22.80
		MID	Q16	21.86	21.79	21.73	22.80
		HIGH	Q16	21.84	21.84	21.64	22.80
	75	LOW	Q16	21.80	21.84	21.69	22.80
15	1	LOW	64QAM	21.73	22.01	22.12	22.80
		MID	64QAM	21.92	22.08	22.19	22.80
		HIGH	64QAM	21.64	22.19	22.17	22.80
	36	LOW	64QAM	20.73	20.84	20.67	21.80
		MID	64QAM	20.87	20.77	20.63	21.80
		HIGH	64QAM	20.99	20.79	20.69	21.80
	75	LOW	64QAM	20.73	20.72	20.77	21.80

8.3.8 LTE Band28 Output Power

LTE B28-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.45	23.35	23.29	24.00
		MID	QPSK	23.44	23.41	23.34	24.00
		HIGH	QPSK	23.45	23.39	23.38	24.00
	8	LOW	QPSK	22.42	22.46	22.35	23.00
		MID	QPSK	22.41	22.48	22.40	23.00
		HIGH	QPSK	22.44	22.46	22.41	23.00
	15	LOW	QPSK	22.43	22.45	22.38	23.00
3	1	LOW	Q16	22.39	22.82	22.38	23.00
		MID	Q16	22.38	22.83	22.37	23.00
		HIGH	Q16	22.39	22.83	22.43	23.00
	8	LOW	Q16	21.53	21.55	21.42	22.00
		MID	Q16	21.54	21.54	21.45	22.00
		HIGH	Q16	21.54	21.52	21.46	22.00
	15	LOW	Q16	21.47	21.47	21.36	22.00
3	1	LOW	64QAM	21.52	21.78	21.25	22.00
		MID	64QAM	21.48	21.98	21.36	22.00
		HIGH	64QAM	21.32	21.74	21.51	22.00
	8	LOW	64QAM	20.68	20.53	20.41	21.00
		MID	64QAM	20.52	20.54	20.57	21.00
		HIGH	64QAM	20.56	20.51	20.41	21.00
	15	LOW	64QAM	20.46	20.53	20.43	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.43	23.39	24.00
		MID	QPSK	23.64	23.43	23.37	24.00
		HIGH	QPSK	23.63	23.54	23.47	24.00
	12	LOW	QPSK	22.42	22.48	22.39	23.00
		MID	QPSK	22.46	22.45	22.38	23.00
		HIGH	QPSK	22.49	22.42	22.34	23.00
	25	LOW	QPSK	22.45	22.48	22.41	23.00
5	1	LOW	Q16	22.75	22.93	22.41	23.00
		MID	Q16	22.75	22.66	22.42	23.00
		HIGH	Q16	22.79	22.97	22.51	23.00
	12	LOW	Q16	21.48	21.60	21.46	22.00
		MID	Q16	21.53	21.60	21.40	22.00
		HIGH	Q16	21.54	21.54	21.36	22.00
	25	LOW	Q16	21.49	21.53	21.37	22.00
5	1	LOW	64QAM	21.85	21.82	21.27	22.00
		MID	64QAM	21.83	21.78	21.33	22.00
		HIGH	64QAM	21.76	21.93	21.45	22.00
	12	LOW	64QAM	20.61	20.73	20.40	21.00
		MID	64QAM	20.59	20.47	20.46	21.00
		HIGH	64QAM	20.62	20.61	20.27	21.00
	25	LOW	64QAM	20.54	20.54	20.31	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.41	23.39	23.27	24.00
		MID	QPSK	23.45	23.50	23.36	24.00
		HIGH	QPSK	23.50	23.48	23.41	24.00
	25	LOW	QPSK	22.32	22.44	22.33	23.00
		MID	QPSK	22.46	22.44	22.37	23.00
		HIGH	QPSK	22.51	22.53	22.33	23.00
10	50	LOW	QPSK	22.48	22.48	22.40	23.00
	1	LOW	Q16	22.34	22.78	22.31	23.00
		MID	Q16	22.38	22.87	22.36	23.00
		HIGH	Q16	22.38	22.90	22.42	23.00
	25	LOW	Q16	21.37	21.49	21.43	22.00
		MID	Q16	21.50	21.51	21.42	22.00
		HIGH	Q16	21.57	21.58	21.40	22.00
10	50	LOW	Q16	21.46	21.48	21.39	22.00
	1	LOW	64QAM	21.25	21.92	21.38	22.00
		MID	64QAM	21.26	21.79	21.46	22.00
		HIGH	64QAM	21.25	21.87	21.31	22.00
	25	LOW	64QAM	20.39	20.41	20.29	21.00
		MID	64QAM	20.61	20.50	20.55	21.00
		HIGH	64QAM	20.71	20.59	20.49	21.00
10	50	LOW	64QAM	20.35	20.51	20.54	21.00

LTE B28-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.20	23.05	24.00
		MID	QPSK	23.43	23.35	23.15	24.00
		HIGH	QPSK	23.47	23.22	23.17	24.00
	36	LOW	QPSK	22.31	22.23	22.17	23.00
		MID	QPSK	22.42	22.28	22.19	23.00
		HIGH	QPSK	22.40	22.27	22.16	23.00
	75	LOW	QPSK	22.41	22.31	22.21	23.00
15	1	LOW	Q16	22.31	22.64	22.48	23.00
		MID	Q16	22.37	22.72	22.63	23.00
		HIGH	Q16	22.37	22.61	22.62	23.00
	36	LOW	Q16	21.31	21.28	21.16	22.00
		MID	Q16	21.42	21.37	21.19	22.00
		HIGH	Q16	21.41	21.37	21.16	22.00
	75	LOW	Q16	21.43	21.31	21.20	22.00
15	1	LOW	64QAM	21.17	21.58	21.47	22.00
		MID	64QAM	21.24	21.83	21.50	22.00
		HIGH	64QAM	21.31	21.70	21.53	22.00
	36	LOW	64QAM	20.26	20.26	20.03	21.00
		MID	64QAM	20.43	20.36	20.24	21.00
		HIGH	64QAM	20.26	20.40	20.11	21.00
	75	LOW	64QAM	20.45	20.19	20.18	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.25	23.22	23.08	24.00
		MID	QPSK	23.39	23.41	23.16	24.00
		HIGH	QPSK	23.40	23.26	23.21	24.00
	36	LOW	QPSK	22.33	22.18	22.29	23.00
		MID	QPSK	22.37	22.40	22.22	23.00
		HIGH	QPSK	22.39	22.22	22.20	23.00
	75	LOW	QPSK	22.39	22.22	22.26	23.00
20	1	LOW	Q16	22.89	22.59	22.54	23.00
		MID	Q16	22.97	22.73	22.63	23.00
		HIGH	Q16	22.95	22.64	22.70	23.00
	36	LOW	Q16	21.31	21.19	21.25	22.00
		MID	Q16	21.44	21.29	21.21	22.00
		HIGH	Q16	21.45	21.23	21.13	22.00
	75	LOW	Q16	21.45	21.16	21.24	22.00
20	1	LOW	64QAM	21.93	21.63	21.59	22.00
		MID	64QAM	21.98	21.63	21.54	22.00
		HIGH	64QAM	21.91	21.49	21.60	22.00
	36	LOW	64QAM	20.31	20.32	20.13	21.00
		MID	64QAM	20.54	20.14	20.21	21.00
		HIGH	64QAM	20.60	20.21	20.14	21.00
	75	LOW	64QAM	20.42	20.17	20.38	21.00

LTE B28-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.45	23.35	23.29	24.00
		MID	QPSK	23.44	23.41	23.34	24.00
		HIGH	QPSK	23.45	23.39	23.38	24.00
	8	LOW	QPSK	22.42	22.46	22.35	23.00
		MID	QPSK	22.41	22.48	22.40	23.00
		HIGH	QPSK	22.44	22.46	22.41	23.00
	15	LOW	QPSK	22.43	22.45	22.38	23.00
3	1	LOW	Q16	22.39	22.82	22.38	23.00
		MID	Q16	22.38	22.83	22.37	23.00
		HIGH	Q16	22.39	22.83	22.43	23.00
	8	LOW	Q16	21.53	21.55	21.42	22.00
		MID	Q16	21.54	21.54	21.45	22.00
		HIGH	Q16	21.54	21.52	21.46	22.00
	15	LOW	Q16	21.47	21.47	21.36	22.00
3	1	LOW	64QAM	21.52	21.78	21.25	22.00
		MID	64QAM	21.48	21.98	21.36	22.00
		HIGH	64QAM	21.32	21.74	21.51	22.00
	8	LOW	64QAM	20.68	20.53	20.41	21.00
		MID	64QAM	20.52	20.54	20.57	21.00
		HIGH	64QAM	20.56	20.51	20.41	21.00
	15	LOW	64QAM	20.46	20.53	20.43	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.43	23.39	24.00
		MID	QPSK	23.64	23.43	23.37	24.00
		HIGH	QPSK	23.63	23.54	23.47	24.00
	12	LOW	QPSK	22.42	22.48	22.39	23.00
		MID	QPSK	22.46	22.45	22.38	23.00
		HIGH	QPSK	22.49	22.42	22.34	23.00
	25	LOW	QPSK	22.45	22.48	22.41	23.00
5	1	LOW	Q16	22.75	22.93	22.41	23.00
		MID	Q16	22.75	22.66	22.42	23.00
		HIGH	Q16	22.79	22.97	22.51	23.00
	12	LOW	Q16	21.48	21.60	21.46	22.00
		MID	Q16	21.53	21.60	21.40	22.00
		HIGH	Q16	21.54	21.54	21.36	22.00
	25	LOW	Q16	21.49	21.53	21.37	22.00
5	1	LOW	64QAM	21.85	21.82	21.27	22.00
		MID	64QAM	21.83	21.78	21.33	22.00
		HIGH	64QAM	21.76	21.93	21.45	22.00
	12	LOW	64QAM	20.61	20.73	20.40	21.00
		MID	64QAM	20.59	20.47	20.46	21.00
		HIGH	64QAM	20.62	20.61	20.27	21.00
	25	LOW	64QAM	20.54	20.54	20.31	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.41	23.39	23.27	24.00
		MID	QPSK	23.45	23.50	23.36	24.00
		HIGH	QPSK	23.50	23.48	23.41	24.00
	25	LOW	QPSK	22.32	22.44	22.33	23.00
		MID	QPSK	22.46	22.44	22.37	23.00
		HIGH	QPSK	22.51	22.53	22.33	23.00
	50	LOW	QPSK	22.48	22.48	22.40	23.00
10	1	LOW	Q16	22.34	22.78	22.31	23.00
		MID	Q16	22.38	22.87	22.36	23.00
		HIGH	Q16	22.38	22.90	22.42	23.00
	25	LOW	Q16	21.37	21.49	21.43	22.00
		MID	Q16	21.50	21.51	21.42	22.00
		HIGH	Q16	21.57	21.58	21.40	22.00
	50	LOW	Q16	21.46	21.48	21.39	22.00
10	1	LOW	64QAM	21.25	21.92	21.38	22.00
		MID	64QAM	21.26	21.79	21.46	22.00
		HIGH	64QAM	21.25	21.87	21.31	22.00
	25	LOW	64QAM	20.39	20.41	20.29	21.00
		MID	64QAM	20.61	20.50	20.55	21.00
		HIGH	64QAM	20.71	20.59	20.49	21.00
	50	LOW	64QAM	20.35	20.51	20.54	21.00

LTE B28-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.20	23.05	24.00
		MID	QPSK	23.43	23.35	23.15	24.00
		HIGH	QPSK	23.47	23.22	23.17	24.00
	36	LOW	QPSK	22.31	22.23	22.17	23.00
		MID	QPSK	22.42	22.28	22.19	23.00
		HIGH	QPSK	22.40	22.27	22.16	23.00
	75	LOW	QPSK	22.41	22.31	22.21	23.00
15	1	LOW	Q16	22.31	22.64	22.48	23.00
		MID	Q16	22.37	22.72	22.63	23.00
		HIGH	Q16	22.37	22.61	22.62	23.00
	36	LOW	Q16	21.31	21.28	21.16	22.00
		MID	Q16	21.42	21.37	21.19	22.00
		HIGH	Q16	21.41	21.37	21.16	22.00
	75	LOW	Q16	21.43	21.31	21.20	22.00
15	1	LOW	64QAM	21.17	21.58	21.47	22.00
		MID	64QAM	21.24	21.83	21.50	22.00
		HIGH	64QAM	21.31	21.70	21.53	22.00
	36	LOW	64QAM	20.26	20.26	20.03	21.00
		MID	64QAM	20.43	20.36	20.24	21.00
		HIGH	64QAM	20.26	20.40	20.11	21.00
	75	LOW	64QAM	20.45	20.19	20.18	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.25	23.22	23.08	24.00
		MID	QPSK	23.39	23.41	23.16	24.00
		HIGH	QPSK	23.40	23.26	23.21	24.00
	36	LOW	QPSK	22.33	22.18	22.29	23.00
		MID	QPSK	22.37	22.40	22.22	23.00
		HIGH	QPSK	22.39	22.22	22.20	23.00
	75	LOW	QPSK	22.39	22.22	22.26	23.00
20	1	LOW	Q16	22.89	22.59	22.54	23.00
		MID	Q16	22.97	22.73	22.63	23.00
		HIGH	Q16	22.95	22.64	22.70	23.00
	36	LOW	Q16	21.31	21.19	21.25	22.00
		MID	Q16	21.44	21.29	21.21	22.00
		HIGH	Q16	21.45	21.23	21.13	22.00
	75	LOW	Q16	21.45	21.16	21.24	22.00
20	1	LOW	64QAM	21.93	21.63	21.59	22.00
		MID	64QAM	21.98	21.63	21.54	22.00
		HIGH	64QAM	21.91	21.49	21.60	22.00
	36	LOW	64QAM	20.31	20.32	20.13	21.00
		MID	64QAM	20.54	20.14	20.21	21.00
		HIGH	64QAM	20.60	20.21	20.14	21.00
	75	LOW	64QAM	20.42	20.17	20.38	21.00

LTE B28-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power (dBm)
3	1	LOW	QPSK	22.82	22.72	22.76	23.50
		MID	QPSK	22.88	22.85	22.75	23.50
		HIGH	QPSK	22.84	22.87	22.83	23.50
	8	LOW	QPSK	22.20	22.22	22.37	23.00
		MID	QPSK	22.53	22.53	22.18	23.00
		HIGH	QPSK	22.40	22.18	22.13	23.00
	15	LOW	QPSK	22.30	22.23	22.36	23.00
3	1	LOW	Q16	22.98	22.57	22.57	23.00
		MID	Q16	22.66	22.81	22.76	23.00
		HIGH	Q16	22.92	22.84	22.80	23.00
	8	LOW	Q16	21.38	21.23	21.32	22.00
		MID	Q16	21.69	21.40	21.26	22.00
		HIGH	Q16	21.37	21.18	21.17	22.00
	15	LOW	Q16	21.42	21.21	21.19	22.00
3	1	LOW	64QAM	21.90	21.79	21.46	22.00
		MID	64QAM	21.53	21.70	21.77	22.00
		HIGH	64QAM	21.88	21.80	21.67	22.00
	8	LOW	64QAM	20.40	20.37	20.18	21.00
		MID	64QAM	20.43	20.40	20.17	21.00
		HIGH	64QAM	20.45	20.36	20.28	21.00
	15	LOW	64QAM	20.58	20.36	20.37	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power (dBm)
5	1	LOW	QPSK	22.89	22.75	22.76	23.50
		MID	QPSK	22.78	22.75	22.71	23.50
		HIGH	QPSK	22.93	22.79	22.70	23.50
	12	LOW	QPSK	22.22	22.27	22.51	23.00
		MID	QPSK	22.61	22.47	22.41	23.00
		HIGH	QPSK	22.43	22.30	22.43	23.00
	25	LOW	QPSK	22.33	22.23	22.37	23.00
5	1	LOW	Q16	22.73	22.70	22.69	23.00
		MID	Q16	22.93	22.66	22.61	23.00
		HIGH	Q16	22.83	22.69	22.64	23.00
	12	LOW	Q16	21.40	21.38	21.34	22.00
		MID	Q16	21.47	21.54	21.13	22.00
		HIGH	Q16	21.33	21.15	21.18	22.00
	25	LOW	Q16	21.54	21.24	21.47	22.00
5	1	LOW	64QAM	21.78	21.57	21.48	22.00
		MID	64QAM	21.87	21.68	21.59	22.00
		HIGH	64QAM	21.93	21.76	21.78	22.00
	12	LOW	64QAM	20.36	20.34	20.35	21.00
		MID	64QAM	20.66	20.26	20.37	21.00
		HIGH	64QAM	20.31	20.37	20.11	21.00
	25	LOW	64QAM	20.36	20.22	20.37	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power (dBm)
10	1	LOW	QPSK	22.92	22.76	22.57	23.50
		MID	QPSK	22.76	22.84	22.67	23.50
		HIGH	QPSK	23.01	22.72	22.62	23.50
	25	LOW	QPSK	22.30	22.37	22.46	23.00
		MID	QPSK	22.54	22.43	22.30	23.00
		HIGH	QPSK	22.40	22.20	22.35	23.00
	50	LOW	QPSK	22.33	22.18	22.26	23.00
10	1	LOW	Q16	22.97	22.77	22.69	23.00
		MID	Q16	22.85	22.88	22.76	23.00
		HIGH	Q16	22.87	22.82	22.57	23.00
	25	LOW	Q16	21.23	21.13	21.41	22.00
		MID	Q16	21.47	21.31	21.13	22.00
		HIGH	Q16	21.40	21.18	21.11	22.00
	50	LOW	Q16	21.35	21.20	21.45	22.00
10	1	LOW	64QAM	21.88	21.73	21.65	22.00
		MID	64QAM	21.82	21.91	21.84	22.00
		HIGH	64QAM	21.72	21.76	21.80	22.00
	25	LOW	64QAM	20.17	20.18	20.46	21.00
		MID	64QAM	20.40	20.28	20.39	21.00
		HIGH	64QAM	20.53	20.24	20.26	21.00
	50	LOW	64QAM	20.42	20.22	20.48	21.00

LTE B28-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power (dBm)
15	1	LOW	QPSK	22.94	22.90	22.65	23.50
		MID	QPSK	22.80	23.03	22.79	23.50
		HIGH	QPSK	22.91	22.88	22.62	23.50
	36	LOW	QPSK	22.25	22.29	22.52	23.00
		MID	QPSK	22.45	22.49	22.24	23.00
		HIGH	QPSK	22.43	22.16	22.31	23.00
	75	LOW	QPSK	22.33	22.26	22.42	23.00
15	1	LOW	Q16	22.73	22.85	22.59	23.00
		MID	Q16	22.98	22.70	22.74	23.00
		HIGH	Q16	22.84	22.71	22.71	23.00
	36	LOW	Q16	21.27	21.24	21.47	22.00
		MID	Q16	21.50	21.45	21.11	22.00
		HIGH	Q16	21.54	21.19	21.11	22.00
	75	LOW	Q16	21.48	21.14	21.19	22.00
15	1	LOW	64QAM	21.87	21.63	21.61	22.00
		MID	64QAM	21.89	21.74	21.66	22.00
		HIGH	64QAM	21.82	21.63	21.60	22.00
	36	LOW	64QAM	20.36	20.35	20.30	21.00
		MID	64QAM	20.58	20.54	20.33	21.00
		HIGH	64QAM	20.37	20.20	20.38	21.00
	75	LOW	64QAM	20.36	20.37	20.35	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power (dBm)
20	1	LOW	QPSK	22.79	22.77	22.63	23.50
		MID	QPSK	22.91	22.93	22.70	23.50
		HIGH	QPSK	22.92	22.81	22.75	23.50
	50	LOW	QPSK	22.31	22.22	22.36	23.00
		MID	QPSK	22.32	22.38	22.32	23.00
		HIGH	QPSK	22.33	22.28	22.28	23.00
	100	LOW	QPSK	22.41	22.21	22.35	23.00
20	1	LOW	Q16	22.88	22.71	22.61	23.00
		MID	Q16	22.89	22.80	22.70	23.00
		HIGH	Q16	22.79	22.75	22.70	23.00
	50	LOW	Q16	21.25	21.23	21.33	22.00
		MID	Q16	21.54	21.40	21.25	22.00
		HIGH	Q16	21.46	21.26	21.24	22.00
	100	LOW	Q16	21.46	21.22	21.33	22.00
20	1	LOW	64QAM	21.88	21.82	21.74	22.00
		MID	64QAM	21.89	21.90	21.65	22.00
		HIGH	64QAM	21.86	21.80	21.80	22.00
	50	LOW	64QAM	20.30	20.14	20.36	21.00
		MID	64QAM	20.61	20.33	20.14	21.00
		HIGH	64QAM	20.33	20.34	20.38	21.00
	100	LOW	64QAM	20.60	20.08	20.47	21.00

LTE B28-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.45	23.35	23.29	24.00
		MID	QPSK	23.44	23.41	23.34	24.00
		HIGH	QPSK	23.45	23.39	23.38	24.00
	8	LOW	QPSK	22.42	22.46	22.35	23.00
		MID	QPSK	22.41	22.48	22.40	23.00
		HIGH	QPSK	22.44	22.46	22.41	23.00
	15	LOW	QPSK	22.43	22.45	22.38	23.00
3	1	LOW	Q16	22.39	22.82	22.38	23.00
		MID	Q16	22.38	22.83	22.37	23.00
		HIGH	Q16	22.39	22.83	22.43	23.00
	8	LOW	Q16	21.53	21.55	21.42	22.00
		MID	Q16	21.54	21.54	21.45	22.00
		HIGH	Q16	21.54	21.52	21.46	22.00
	15	LOW	Q16	21.47	21.47	21.36	22.00
3	1	LOW	64QAM	21.52	21.78	21.25	22.00
		MID	64QAM	21.48	21.98	21.36	22.00
		HIGH	64QAM	21.32	21.74	21.51	22.00
	8	LOW	64QAM	20.68	20.53	20.41	21.00
		MID	64QAM	20.52	20.54	20.57	21.00
		HIGH	64QAM	20.56	20.51	20.41	21.00
	15	LOW	64QAM	20.46	20.53	20.43	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.43	23.39	24.00
		MID	QPSK	23.64	23.43	23.37	24.00
		HIGH	QPSK	23.63	23.54	23.47	24.00
	12	LOW	QPSK	22.42	22.48	22.39	23.00
		MID	QPSK	22.46	22.45	22.38	23.00
		HIGH	QPSK	22.49	22.42	22.34	23.00
	25	LOW	QPSK	22.45	22.48	22.41	23.00
5	1	LOW	Q16	22.75	22.93	22.41	23.00
		MID	Q16	22.75	22.66	22.42	23.00
		HIGH	Q16	22.79	22.97	22.51	23.00
	12	LOW	Q16	21.48	21.60	21.46	22.00
		MID	Q16	21.53	21.60	21.40	22.00
		HIGH	Q16	21.54	21.54	21.36	22.00
	25	LOW	Q16	21.49	21.53	21.37	22.00
5	1	LOW	64QAM	21.85	21.82	21.27	22.00
		MID	64QAM	21.83	21.78	21.33	22.00
		HIGH	64QAM	21.76	21.93	21.45	22.00
	12	LOW	64QAM	20.61	20.73	20.40	21.00
		MID	64QAM	20.59	20.47	20.46	21.00
		HIGH	64QAM	20.62	20.61	20.27	21.00
	25	LOW	64QAM	20.54	20.54	20.31	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.41	23.39	23.27	24.00
		MID	QPSK	23.45	23.50	23.36	24.00
		HIGH	QPSK	23.50	23.48	23.41	24.00
	25	LOW	QPSK	22.32	22.44	22.33	23.00
		MID	QPSK	22.46	22.44	22.37	23.00
		HIGH	QPSK	22.51	22.53	22.33	23.00
	50	LOW	QPSK	22.48	22.48	22.40	23.00
10	1	LOW	Q16	22.34	22.78	22.31	23.00
		MID	Q16	22.38	22.87	22.36	23.00
		HIGH	Q16	22.38	22.90	22.42	23.00
	25	LOW	Q16	21.37	21.49	21.43	22.00
		MID	Q16	21.50	21.51	21.42	22.00
		HIGH	Q16	21.57	21.58	21.40	22.00
	50	LOW	Q16	21.46	21.48	21.39	22.00
10	1	LOW	64QAM	21.25	21.92	21.38	22.00
		MID	64QAM	21.26	21.79	21.46	22.00
		HIGH	64QAM	21.25	21.87	21.31	22.00
	25	LOW	64QAM	20.39	20.41	20.29	21.00
		MID	64QAM	20.61	20.50	20.55	21.00
		HIGH	64QAM	20.71	20.59	20.49	21.00
	50	LOW	64QAM	20.35	20.51	20.54	21.00

LTE B28-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.20	23.05	24.00
		MID	QPSK	23.43	23.35	23.15	24.00
		HIGH	QPSK	23.47	23.22	23.17	24.00
	36	LOW	QPSK	22.31	22.23	22.17	23.00
		MID	QPSK	22.42	22.28	22.19	23.00
		HIGH	QPSK	22.40	22.27	22.16	23.00
	75	LOW	QPSK	22.41	22.31	22.21	23.00
15	1	LOW	Q16	22.31	22.64	22.48	23.00
		MID	Q16	22.37	22.72	22.63	23.00
		HIGH	Q16	22.37	22.61	22.62	23.00
	36	LOW	Q16	21.31	21.28	21.16	22.00
		MID	Q16	21.42	21.37	21.19	22.00
		HIGH	Q16	21.41	21.37	21.16	22.00
	75	LOW	Q16	21.43	21.31	21.20	22.00
15	1	LOW	64QAM	21.17	21.58	21.47	22.00
		MID	64QAM	21.24	21.83	21.50	22.00
		HIGH	64QAM	21.31	21.70	21.53	22.00
	36	LOW	64QAM	20.26	20.26	20.03	21.00
		MID	64QAM	20.43	20.36	20.24	21.00
		HIGH	64QAM	20.26	20.40	20.11	21.00
	75	LOW	64QAM	20.45	20.19	20.18	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.25	23.22	23.08	24.00
		MID	QPSK	23.39	23.41	23.16	24.00
		HIGH	QPSK	23.40	23.26	23.21	24.00
	36	LOW	QPSK	22.33	22.18	22.29	23.00
		MID	QPSK	22.37	22.40	22.22	23.00
		HIGH	QPSK	22.39	22.22	22.20	23.00
	75	LOW	QPSK	22.39	22.22	22.26	23.00
20	1	LOW	Q16	22.89	22.59	22.54	23.00
		MID	Q16	22.97	22.73	22.63	23.00
		HIGH	Q16	22.95	22.64	22.70	23.00
	36	LOW	Q16	21.31	21.19	21.25	22.00
		MID	Q16	21.44	21.29	21.21	22.00
		HIGH	Q16	21.45	21.23	21.13	22.00
	75	LOW	Q16	21.45	21.16	21.24	22.00
20	1	LOW	64QAM	21.93	21.63	21.59	22.00
		MID	64QAM	21.98	21.63	21.54	22.00
		HIGH	64QAM	21.91	21.49	21.60	22.00
	36	LOW	64QAM	20.31	20.32	20.13	21.00
		MID	64QAM	20.54	20.14	20.21	21.00
		HIGH	64QAM	20.60	20.21	20.14	21.00
	75	LOW	64QAM	20.42	20.17	20.38	21.00

LTE B28-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.45	23.35	23.29	24.00
		MID	QPSK	23.44	23.41	23.34	24.00
		HIGH	QPSK	23.45	23.39	23.38	24.00
	8	LOW	QPSK	22.42	22.46	22.35	23.00
		MID	QPSK	22.41	22.48	22.40	23.00
		HIGH	QPSK	22.44	22.46	22.41	23.00
	15	LOW	QPSK	22.43	22.45	22.38	23.00
3	1	LOW	Q16	22.39	22.82	22.38	23.00
		MID	Q16	22.38	22.83	22.37	23.00
		HIGH	Q16	22.39	22.83	22.43	23.00
	8	LOW	Q16	21.53	21.55	21.42	22.00
		MID	Q16	21.54	21.54	21.45	22.00
		HIGH	Q16	21.54	21.52	21.46	22.00
	15	LOW	Q16	21.47	21.47	21.36	22.00
3	1	LOW	64QAM	21.52	21.78	21.25	22.00
		MID	64QAM	21.48	21.98	21.36	22.00
		HIGH	64QAM	21.32	21.74	21.51	22.00
	8	LOW	64QAM	20.68	20.53	20.41	21.00
		MID	64QAM	20.52	20.54	20.57	21.00
		HIGH	64QAM	20.56	20.51	20.41	21.00
	15	LOW	64QAM	20.46	20.53	20.43	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.43	23.39	24.00
		MID	QPSK	23.64	23.43	23.37	24.00
		HIGH	QPSK	23.63	23.54	23.47	24.00
	12	LOW	QPSK	22.42	22.48	22.39	23.00
		MID	QPSK	22.46	22.45	22.38	23.00
		HIGH	QPSK	22.49	22.42	22.34	23.00
	25	LOW	QPSK	22.45	22.48	22.41	23.00
5	1	LOW	Q16	22.75	22.93	22.41	23.00
		MID	Q16	22.75	22.66	22.42	23.00
		HIGH	Q16	22.79	22.97	22.51	23.00
	12	LOW	Q16	21.48	21.60	21.46	22.00
		MID	Q16	21.53	21.60	21.40	22.00
		HIGH	Q16	21.54	21.54	21.36	22.00
	25	LOW	Q16	21.49	21.53	21.37	22.00
5	1	LOW	64QAM	21.85	21.82	21.27	22.00
		MID	64QAM	21.83	21.78	21.33	22.00
		HIGH	64QAM	21.76	21.93	21.45	22.00
	12	LOW	64QAM	20.61	20.73	20.40	21.00
		MID	64QAM	20.59	20.47	20.46	21.00
		HIGH	64QAM	20.62	20.61	20.27	21.00
	25	LOW	64QAM	20.54	20.54	20.31	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.41	23.39	23.27	24.00
		MID	QPSK	23.45	23.50	23.36	24.00
		HIGH	QPSK	23.50	23.48	23.41	24.00
	25	LOW	QPSK	22.32	22.44	22.33	23.00
		MID	QPSK	22.46	22.44	22.37	23.00
		HIGH	QPSK	22.51	22.53	22.33	23.00
10	50	LOW	QPSK	22.48	22.48	22.40	23.00
	1	LOW	Q16	22.34	22.78	22.31	23.00
		MID	Q16	22.38	22.87	22.36	23.00
		HIGH	Q16	22.38	22.90	22.42	23.00
	25	LOW	Q16	21.37	21.49	21.43	22.00
		MID	Q16	21.50	21.51	21.42	22.00
		HIGH	Q16	21.57	21.58	21.40	22.00
10	50	LOW	Q16	21.46	21.48	21.39	22.00
	1	LOW	64QAM	21.25	21.92	21.38	22.00
		MID	64QAM	21.26	21.79	21.46	22.00
		HIGH	64QAM	21.25	21.87	21.31	22.00
	25	LOW	64QAM	20.39	20.41	20.29	21.00
		MID	64QAM	20.61	20.50	20.55	21.00
		HIGH	64QAM	20.71	20.59	20.49	21.00
10	50	LOW	64QAM	20.35	20.51	20.54	21.00

LTE B28-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.20	23.05	24.00
		MID	QPSK	23.43	23.35	23.15	24.00
		HIGH	QPSK	23.47	23.22	23.17	24.00
	36	LOW	QPSK	22.31	22.23	22.17	23.00
		MID	QPSK	22.42	22.28	22.19	23.00
		HIGH	QPSK	22.40	22.27	22.16	23.00
	75	LOW	QPSK	22.41	22.31	22.21	23.00
15	1	LOW	Q16	22.31	22.64	22.48	23.00
		MID	Q16	22.37	22.72	22.63	23.00
		HIGH	Q16	22.37	22.61	22.62	23.00
	36	LOW	Q16	21.31	21.28	21.16	22.00
		MID	Q16	21.42	21.37	21.19	22.00
		HIGH	Q16	21.41	21.37	21.16	22.00
	75	LOW	Q16	21.43	21.31	21.20	22.00
15	1	LOW	64QAM	21.17	21.58	21.47	22.00
		MID	64QAM	21.24	21.83	21.50	22.00
		HIGH	64QAM	21.31	21.70	21.53	22.00
	36	LOW	64QAM	20.26	20.26	20.03	21.00
		MID	64QAM	20.43	20.36	20.24	21.00
		HIGH	64QAM	20.26	20.40	20.11	21.00
	75	LOW	64QAM	20.45	20.19	20.18	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.25	23.22	23.08	24.00
		MID	QPSK	23.39	23.41	23.16	24.00
		HIGH	QPSK	23.40	23.26	23.21	24.00
	36	LOW	QPSK	22.33	22.18	22.29	23.00
		MID	QPSK	22.37	22.40	22.22	23.00
		HIGH	QPSK	22.39	22.22	22.20	23.00
	75	LOW	QPSK	22.39	22.22	22.26	23.00
20	1	LOW	Q16	22.89	22.59	22.54	23.00
		MID	Q16	22.97	22.73	22.63	23.00
		HIGH	Q16	22.95	22.64	22.70	23.00
	36	LOW	Q16	21.31	21.19	21.25	22.00
		MID	Q16	21.44	21.29	21.21	22.00
		HIGH	Q16	21.45	21.23	21.13	22.00
	75	LOW	Q16	21.45	21.16	21.24	22.00
20	1	LOW	64QAM	21.93	21.63	21.59	22.00
		MID	64QAM	21.98	21.63	21.54	22.00
		HIGH	64QAM	21.91	21.49	21.60	22.00
	36	LOW	64QAM	20.31	20.32	20.13	21.00
		MID	64QAM	20.54	20.14	20.21	21.00
		HIGH	64QAM	20.60	20.21	20.14	21.00
	75	LOW	64QAM	20.42	20.17	20.38	21.00

LTE B28-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.45	23.35	23.29	24.00
		MID	QPSK	23.44	23.41	23.34	24.00
		HIGH	QPSK	23.45	23.39	23.38	24.00
	8	LOW	QPSK	22.42	22.46	22.35	23.00
		MID	QPSK	22.41	22.48	22.40	23.00
		HIGH	QPSK	22.44	22.46	22.41	23.00
	15	LOW	QPSK	22.43	22.45	22.38	23.00
3	1	LOW	Q16	22.39	22.82	22.38	23.00
		MID	Q16	22.38	22.83	22.37	23.00
		HIGH	Q16	22.39	22.83	22.43	23.00
	8	LOW	Q16	21.53	21.55	21.42	22.00
		MID	Q16	21.54	21.54	21.45	22.00
		HIGH	Q16	21.54	21.52	21.46	22.00
	15	LOW	Q16	21.47	21.47	21.36	22.00
3	1	LOW	64QAM	21.52	21.78	21.25	22.00
		MID	64QAM	21.48	21.98	21.36	22.00
		HIGH	64QAM	21.32	21.74	21.51	22.00
	8	LOW	64QAM	20.68	20.53	20.41	21.00
		MID	64QAM	20.52	20.54	20.57	21.00
		HIGH	64QAM	20.56	20.51	20.41	21.00
	15	LOW	64QAM	20.46	20.53	20.43	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.43	23.39	24.00
		MID	QPSK	23.64	23.43	23.37	24.00
		HIGH	QPSK	23.63	23.54	23.47	24.00
	12	LOW	QPSK	22.42	22.48	22.39	23.00
		MID	QPSK	22.46	22.45	22.38	23.00
		HIGH	QPSK	22.49	22.42	22.34	23.00
	25	LOW	QPSK	22.45	22.48	22.41	23.00
5	1	LOW	Q16	22.75	22.93	22.41	23.00
		MID	Q16	22.75	22.66	22.42	23.00
		HIGH	Q16	22.79	22.97	22.51	23.00
	12	LOW	Q16	21.48	21.60	21.46	22.00
		MID	Q16	21.53	21.60	21.40	22.00
		HIGH	Q16	21.54	21.54	21.36	22.00
	25	LOW	Q16	21.49	21.53	21.37	22.00
5	1	LOW	64QAM	21.85	21.82	21.27	22.00
		MID	64QAM	21.83	21.78	21.33	22.00
		HIGH	64QAM	21.76	21.93	21.45	22.00
	12	LOW	64QAM	20.61	20.73	20.40	21.00
		MID	64QAM	20.59	20.47	20.46	21.00
		HIGH	64QAM	20.62	20.61	20.27	21.00
	25	LOW	64QAM	20.54	20.54	20.31	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.41	23.39	23.27	24.00
		MID	QPSK	23.45	23.50	23.36	24.00
		HIGH	QPSK	23.50	23.48	23.41	24.00
	25	LOW	QPSK	22.32	22.44	22.33	23.00
		MID	QPSK	22.46	22.44	22.37	23.00
		HIGH	QPSK	22.51	22.53	22.33	23.00
	50	LOW	QPSK	22.48	22.48	22.40	23.00
10	1	LOW	Q16	22.34	22.78	22.31	23.00
		MID	Q16	22.38	22.87	22.36	23.00
		HIGH	Q16	22.38	22.90	22.42	23.00
	25	LOW	Q16	21.37	21.49	21.43	22.00
		MID	Q16	21.50	21.51	21.42	22.00
		HIGH	Q16	21.57	21.58	21.40	22.00
	50	LOW	Q16	21.46	21.48	21.39	22.00
10	1	LOW	64QAM	21.25	21.92	21.38	22.00
		MID	64QAM	21.26	21.79	21.46	22.00
		HIGH	64QAM	21.25	21.87	21.31	22.00
	25	LOW	64QAM	20.39	20.41	20.29	21.00
		MID	64QAM	20.61	20.50	20.55	21.00
		HIGH	64QAM	20.71	20.59	20.49	21.00
	50	LOW	64QAM	20.35	20.51	20.54	21.00

LTE B28-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.20	23.05	24.00
		MID	QPSK	23.43	23.35	23.15	24.00
		HIGH	QPSK	23.47	23.22	23.17	24.00
	36	LOW	QPSK	22.31	22.23	22.17	23.00
		MID	QPSK	22.42	22.28	22.19	23.00
		HIGH	QPSK	22.40	22.27	22.16	23.00
	75	LOW	QPSK	22.41	22.31	22.21	23.00
15	1	LOW	Q16	22.31	22.64	22.48	23.00
		MID	Q16	22.37	22.72	22.63	23.00
		HIGH	Q16	22.37	22.61	22.62	23.00
	36	LOW	Q16	21.31	21.28	21.16	22.00
		MID	Q16	21.42	21.37	21.19	22.00
		HIGH	Q16	21.41	21.37	21.16	22.00
	75	LOW	Q16	21.43	21.31	21.20	22.00
15	1	LOW	64QAM	21.17	21.58	21.47	22.00
		MID	64QAM	21.24	21.83	21.50	22.00
		HIGH	64QAM	21.31	21.70	21.53	22.00
	36	LOW	64QAM	20.26	20.26	20.03	21.00
		MID	64QAM	20.43	20.36	20.24	21.00
		HIGH	64QAM	20.26	20.40	20.11	21.00
	75	LOW	64QAM	20.45	20.19	20.18	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.25	23.22	23.08	24.00
		MID	QPSK	23.39	23.41	23.16	24.00
		HIGH	QPSK	23.40	23.26	23.21	24.00
	36	LOW	QPSK	22.33	22.18	22.29	23.00
		MID	QPSK	22.37	22.40	22.22	23.00
		HIGH	QPSK	22.39	22.22	22.20	23.00
	75	LOW	QPSK	22.39	22.22	22.26	23.00
20	1	LOW	Q16	22.89	22.59	22.54	23.00
		MID	Q16	22.97	22.73	22.63	23.00
		HIGH	Q16	22.95	22.64	22.70	23.00
	36	LOW	Q16	21.31	21.19	21.25	22.00
		MID	Q16	21.44	21.29	21.21	22.00
		HIGH	Q16	21.45	21.23	21.13	22.00
	75	LOW	Q16	21.45	21.16	21.24	22.00
20	1	LOW	64QAM	21.93	21.63	21.59	22.00
		MID	64QAM	21.98	21.63	21.54	22.00
		HIGH	64QAM	21.91	21.49	21.60	22.00
	36	LOW	64QAM	20.31	20.32	20.13	21.00
		MID	64QAM	20.54	20.14	20.21	21.00
		HIGH	64QAM	20.60	20.21	20.14	21.00
	75	LOW	64QAM	20.42	20.17	20.38	21.00

LTE B28-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.45	23.35	23.29	24.00
		MID	QPSK	23.44	23.41	23.34	24.00
		HIGH	QPSK	23.45	23.39	23.38	24.00
	8	LOW	QPSK	22.42	22.46	22.35	23.00
		MID	QPSK	22.41	22.48	22.40	23.00
		HIGH	QPSK	22.44	22.46	22.41	23.00
	15	LOW	QPSK	22.43	22.45	22.38	23.00
3	1	LOW	Q16	22.39	22.82	22.38	23.00
		MID	Q16	22.38	22.83	22.37	23.00
		HIGH	Q16	22.39	22.83	22.43	23.00
	8	LOW	Q16	21.53	21.55	21.42	22.00
		MID	Q16	21.54	21.54	21.45	22.00
		HIGH	Q16	21.54	21.52	21.46	22.00
	15	LOW	Q16	21.47	21.47	21.36	22.00
3	1	LOW	64QAM	21.52	21.78	21.25	22.00
		MID	64QAM	21.48	21.98	21.36	22.00
		HIGH	64QAM	21.32	21.74	21.51	22.00
	8	LOW	64QAM	20.68	20.53	20.41	21.00
		MID	64QAM	20.52	20.54	20.57	21.00
		HIGH	64QAM	20.56	20.51	20.41	21.00
	15	LOW	64QAM	20.46	20.53	20.43	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.59	23.43	23.39	24.00
		MID	QPSK	23.64	23.43	23.37	24.00
		HIGH	QPSK	23.63	23.54	23.47	24.00
	12	LOW	QPSK	22.42	22.48	22.39	23.00
		MID	QPSK	22.46	22.45	22.38	23.00
		HIGH	QPSK	22.49	22.42	22.34	23.00
	25	LOW	QPSK	22.45	22.48	22.41	23.00
5	1	LOW	Q16	22.75	22.93	22.41	23.00
		MID	Q16	22.75	22.66	22.42	23.00
		HIGH	Q16	22.79	22.97	22.51	23.00
	12	LOW	Q16	21.48	21.60	21.46	22.00
		MID	Q16	21.53	21.60	21.40	22.00
		HIGH	Q16	21.54	21.54	21.36	22.00
	25	LOW	Q16	21.49	21.53	21.37	22.00
5	1	LOW	64QAM	21.85	21.82	21.27	22.00
		MID	64QAM	21.83	21.78	21.33	22.00
		HIGH	64QAM	21.76	21.93	21.45	22.00
	12	LOW	64QAM	20.61	20.73	20.40	21.00
		MID	64QAM	20.59	20.47	20.46	21.00
		HIGH	64QAM	20.62	20.61	20.27	21.00
	25	LOW	64QAM	20.54	20.54	20.31	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.41	23.39	23.27	24.00
		MID	QPSK	23.45	23.50	23.36	24.00
		HIGH	QPSK	23.50	23.48	23.41	24.00
	25	LOW	QPSK	22.32	22.44	22.33	23.00
		MID	QPSK	22.46	22.44	22.37	23.00
		HIGH	QPSK	22.51	22.53	22.33	23.00
	50	LOW	QPSK	22.48	22.48	22.40	23.00
10	1	LOW	Q16	22.34	22.78	22.31	23.00
		MID	Q16	22.38	22.87	22.36	23.00
		HIGH	Q16	22.38	22.90	22.42	23.00
	25	LOW	Q16	21.37	21.49	21.43	22.00
		MID	Q16	21.50	21.51	21.42	22.00
		HIGH	Q16	21.57	21.58	21.40	22.00
	50	LOW	Q16	21.46	21.48	21.39	22.00
10	1	LOW	64QAM	21.25	21.92	21.38	22.00
		MID	64QAM	21.26	21.79	21.46	22.00
		HIGH	64QAM	21.25	21.87	21.31	22.00
	25	LOW	64QAM	20.39	20.41	20.29	21.00
		MID	64QAM	20.61	20.50	20.55	21.00
		HIGH	64QAM	20.71	20.59	20.49	21.00
	50	LOW	64QAM	20.35	20.51	20.54	21.00

LTE B28-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.20	23.05	24.00
		MID	QPSK	23.43	23.35	23.15	24.00
		HIGH	QPSK	23.47	23.22	23.17	24.00
	36	LOW	QPSK	22.31	22.23	22.17	23.00
		MID	QPSK	22.42	22.28	22.19	23.00
		HIGH	QPSK	22.40	22.27	22.16	23.00
	75	LOW	QPSK	22.41	22.31	22.21	23.00
15	1	LOW	Q16	22.31	22.64	22.48	23.00
		MID	Q16	22.37	22.72	22.63	23.00
		HIGH	Q16	22.37	22.61	22.62	23.00
	36	LOW	Q16	21.31	21.28	21.16	22.00
		MID	Q16	21.42	21.37	21.19	22.00
		HIGH	Q16	21.41	21.37	21.16	22.00
	75	LOW	Q16	21.43	21.31	21.20	22.00
15	1	LOW	64QAM	21.17	21.58	21.47	22.00
		MID	64QAM	21.24	21.83	21.50	22.00
		HIGH	64QAM	21.31	21.70	21.53	22.00
	36	LOW	64QAM	20.26	20.26	20.03	21.00
		MID	64QAM	20.43	20.36	20.24	21.00
		HIGH	64QAM	20.26	20.40	20.11	21.00
	75	LOW	64QAM	20.45	20.19	20.18	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.25	23.22	23.08	24.00
		MID	QPSK	23.39	23.41	23.16	24.00
		HIGH	QPSK	23.40	23.26	23.21	24.00
	36	LOW	QPSK	22.33	22.18	22.29	23.00
		MID	QPSK	22.37	22.40	22.22	23.00
		HIGH	QPSK	22.39	22.22	22.20	23.00
	75	LOW	QPSK	22.39	22.22	22.26	23.00
20	1	LOW	Q16	22.89	22.59	22.54	23.00
		MID	Q16	22.97	22.73	22.63	23.00
		HIGH	Q16	22.95	22.64	22.70	23.00
	36	LOW	Q16	21.31	21.19	21.25	22.00
		MID	Q16	21.44	21.29	21.21	22.00
		HIGH	Q16	21.45	21.23	21.13	22.00
	75	LOW	Q16	21.45	21.16	21.24	22.00
20	1	LOW	64QAM	21.93	21.63	21.59	22.00
		MID	64QAM	21.98	21.63	21.54	22.00
		HIGH	64QAM	21.91	21.49	21.60	22.00
	36	LOW	64QAM	20.31	20.32	20.13	21.00
		MID	64QAM	20.54	20.14	20.21	21.00
		HIGH	64QAM	20.60	20.21	20.14	21.00
	75	LOW	64QAM	20.42	20.17	20.38	21.00

LTE B28-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.62	23.53	23.41	24.30
		MID	QPSK	23.61	23.55	23.45	24.30
		HIGH	QPSK	23.60	23.55	23.52	24.30
	8	LOW	QPSK	22.60	22.60	22.51	23.30
		MID	QPSK	22.58	22.61	22.48	23.30
		HIGH	QPSK	22.58	22.61	22.51	23.30
	15	LOW	QPSK	22.59	22.61	22.48	23.30
3	1	LOW	Q16	22.54	22.97	22.52	23.30
		MID	Q16	22.57	22.98	22.52	23.30
		HIGH	Q16	22.54	22.99	22.56	23.30
	8	LOW	Q16	21.74	21.69	21.55	22.30
		MID	Q16	21.71	21.68	21.53	22.30
		HIGH	Q16	21.69	21.63	21.59	22.30
	15	LOW	Q16	21.65	21.61	21.48	22.30
3	1	LOW	64QAM	21.56	21.97	21.61	22.30
		MID	64QAM	21.53	22.09	21.63	22.30
		HIGH	64QAM	21.64	22.07	21.53	22.30
	8	LOW	64QAM	20.86	20.70	20.61	21.30
		MID	64QAM	20.82	20.64	20.65	21.30
		HIGH	64QAM	20.63	20.77	20.66	21.30
	15	LOW	64QAM	20.61	20.74	20.61	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.58	23.49	24.30
		MID	QPSK	23.79	23.58	23.52	24.30
		HIGH	QPSK	23.77	23.67	23.56	24.30
	12	LOW	QPSK	22.61	22.67	22.53	23.30
		MID	QPSK	22.63	22.59	22.49	23.30
		HIGH	QPSK	22.65	22.60	22.48	23.30
	25	LOW	QPSK	22.59	22.63	22.55	23.30
5	1	LOW	Q16	22.89	23.18	22.57	23.30
		MID	Q16	22.93	23.19	22.55	23.30
		HIGH	Q16	22.96	23.22	22.63	23.30
	12	LOW	Q16	21.66	21.76	21.57	22.30
		MID	Q16	21.67	21.73	21.55	22.30
		HIGH	Q16	21.70	21.72	21.51	22.30
	25	LOW	Q16	21.63	21.68	21.50	22.30
5	1	LOW	64QAM	21.78	22.29	21.56	22.30
		MID	64QAM	22.01	22.04	21.52	22.30
		HIGH	64QAM	21.92	22.18	21.78	22.30
	12	LOW	64QAM	20.66	20.72	20.57	21.30
		MID	64QAM	20.81	20.63	20.42	21.30
		HIGH	64QAM	20.57	20.58	20.38	21.30
	25	LOW	64QAM	20.69	20.56	20.64	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	23.56	23.41	24.30
		MID	QPSK	23.63	23.66	23.50	24.30
		HIGH	QPSK	23.64	23.63	23.52	24.30
	25	LOW	QPSK	22.51	22.61	22.50	23.30
		MID	QPSK	22.66	22.59	22.50	23.30
		HIGH	QPSK	22.68	22.68	22.47	23.30
	50	LOW	QPSK	22.66	22.63	22.52	23.30
10	1	LOW	Q16	22.54	22.95	22.46	23.30
		MID	Q16	22.57	23.04	22.51	23.30
		HIGH	Q16	22.53	23.03	22.55	23.30
	25	LOW	Q16	21.54	21.67	21.61	22.30
		MID	Q16	21.68	21.66	21.55	22.30
		HIGH	Q16	21.77	21.75	21.58	22.30
	50	LOW	Q16	21.62	21.63	21.50	22.30
10	1	LOW	64QAM	21.69	21.81	21.34	22.30
		MID	64QAM	21.70	22.08	21.42	22.30
		HIGH	64QAM	21.45	22.03	21.59	22.30
	25	LOW	64QAM	20.68	20.52	20.71	21.30
		MID	64QAM	20.76	20.62	20.68	21.30
		HIGH	64QAM	20.79	20.88	20.56	21.30
	50	LOW	64QAM	20.70	20.48	20.47	21.30

LTE B28-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.38	23.18	24.30
		MID	QPSK	23.59	23.51	23.26	24.30
		HIGH	QPSK	23.63	23.36	23.28	24.30
	36	LOW	QPSK	22.48	22.43	22.29	23.30
		MID	QPSK	22.59	22.46	22.33	23.30
		HIGH	QPSK	22.57	22.45	22.26	23.30
	75	LOW	QPSK	22.57	22.48	22.34	23.30
15	1	LOW	Q16	22.47	22.80	22.64	23.30
		MID	Q16	22.56	22.90	22.75	23.30
		HIGH	Q16	22.53	22.75	22.73	23.30
	36	LOW	Q16	21.50	21.47	21.31	22.30
		MID	Q16	21.60	21.51	21.32	22.30
		HIGH	Q16	21.59	21.50	21.28	22.30
	75	LOW	Q16	21.58	21.48	21.31	22.30
15	1	LOW	64QAM	21.61	21.87	21.76	22.30
		MID	64QAM	21.46	21.88	21.64	22.30
		HIGH	64QAM	21.57	21.79	21.73	22.30
	36	LOW	64QAM	20.41	20.49	20.20	21.30
		MID	64QAM	20.64	20.46	20.35	21.30
		HIGH	64QAM	20.47	20.47	20.17	21.30
	75	LOW	64QAM	20.55	20.54	20.26	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	23.36	23.24	24.30
		MID	QPSK	23.45	23.50	23.31	24.30
		HIGH	QPSK	23.49	23.37	23.26	24.30
	36	LOW	QPSK	22.48	22.37	22.45	23.30
		MID	QPSK	22.54	22.57	22.40	23.30
		HIGH	QPSK	22.56	22.38	22.38	23.30
	75	LOW	QPSK	22.56	22.39	22.41	23.30
20	1	LOW	Q16	23.07	22.76	22.70	23.30
		MID	Q16	23.18	22.88	22.79	23.30
		HIGH	Q16	23.16	22.78	22.86	23.30
	36	LOW	Q16	21.48	21.37	21.39	22.30
		MID	Q16	21.64	21.46	21.33	22.30
		HIGH	Q16	21.60	21.38	21.30	22.30
	75	LOW	Q16	21.63	21.34	21.36	22.30
20	1	LOW	64QAM	21.95	21.61	21.69	22.30
		MID	64QAM	22.11	22.00	21.83	22.30
		HIGH	64QAM	22.21	21.92	21.80	22.30
	36	LOW	64QAM	20.41	20.23	20.49	21.30
		MID	64QAM	20.78	20.54	20.21	21.30
		HIGH	64QAM	20.66	20.28	20.38	21.30
	75	LOW	64QAM	20.74	20.27	20.44	21.30

LTE B28-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.62	23.53	23.41	24.30
		MID	QPSK	23.61	23.55	23.45	24.30
		HIGH	QPSK	23.60	23.55	23.52	24.30
	8	LOW	QPSK	22.60	22.60	22.51	23.30
		MID	QPSK	22.58	22.61	22.48	23.30
		HIGH	QPSK	22.58	22.61	22.51	23.30
	15	LOW	QPSK	22.59	22.61	22.48	23.30
3	1	LOW	Q16	22.54	22.97	22.52	23.30
		MID	Q16	22.57	22.98	22.52	23.30
		HIGH	Q16	22.54	22.99	22.56	23.30
	8	LOW	Q16	21.74	21.69	21.55	22.30
		MID	Q16	21.71	21.68	21.53	22.30
		HIGH	Q16	21.69	21.63	21.59	22.30
	15	LOW	Q16	21.65	21.61	21.48	22.30
3	1	LOW	64QAM	21.56	21.97	21.61	22.30
		MID	64QAM	21.53	22.09	21.63	22.30
		HIGH	64QAM	21.64	22.07	21.53	22.30
	8	LOW	64QAM	20.86	20.70	20.61	21.30
		MID	64QAM	20.82	20.64	20.65	21.30
		HIGH	64QAM	20.63	20.77	20.66	21.30
	15	LOW	64QAM	20.61	20.74	20.61	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.58	23.49	24.30
		MID	QPSK	23.79	23.58	23.52	24.30
		HIGH	QPSK	23.77	23.67	23.56	24.30
	12	LOW	QPSK	22.61	22.67	22.53	23.30
		MID	QPSK	22.63	22.59	22.49	23.30
		HIGH	QPSK	22.65	22.60	22.48	23.30
	25	LOW	QPSK	22.59	22.63	22.55	23.30
5	1	LOW	Q16	22.89	23.18	22.57	23.30
		MID	Q16	22.93	23.19	22.55	23.30
		HIGH	Q16	22.96	23.22	22.63	23.30
	12	LOW	Q16	21.66	21.76	21.57	22.30
		MID	Q16	21.67	21.73	21.55	22.30
		HIGH	Q16	21.70	21.72	21.51	22.30
	25	LOW	Q16	21.63	21.68	21.50	22.30
5	1	LOW	64QAM	21.78	22.29	21.56	22.30
		MID	64QAM	22.01	22.04	21.52	22.30
		HIGH	64QAM	21.92	22.18	21.78	22.30
	12	LOW	64QAM	20.66	20.72	20.57	21.30
		MID	64QAM	20.81	20.63	20.42	21.30
		HIGH	64QAM	20.57	20.58	20.38	21.30
	25	LOW	64QAM	20.69	20.56	20.64	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	23.56	23.41	24.30
		MID	QPSK	23.63	23.66	23.50	24.30
		HIGH	QPSK	23.64	23.63	23.52	24.30
	25	LOW	QPSK	22.51	22.61	22.50	23.30
		MID	QPSK	22.66	22.59	22.50	23.30
		HIGH	QPSK	22.68	22.68	22.47	23.30
	50	LOW	QPSK	22.66	22.63	22.52	23.30
10	1	LOW	Q16	22.54	22.95	22.46	23.30
		MID	Q16	22.57	23.04	22.51	23.30
		HIGH	Q16	22.53	23.03	22.55	23.30
	25	LOW	Q16	21.54	21.67	21.61	22.30
		MID	Q16	21.68	21.66	21.55	22.30
		HIGH	Q16	21.77	21.75	21.58	22.30
	50	LOW	Q16	21.62	21.63	21.50	22.30
10	1	LOW	64QAM	21.69	21.81	21.34	22.30
		MID	64QAM	21.70	22.08	21.42	22.30
		HIGH	64QAM	21.45	22.03	21.59	22.30
	25	LOW	64QAM	20.68	20.52	20.71	21.30
		MID	64QAM	20.76	20.62	20.68	21.30
		HIGH	64QAM	20.79	20.88	20.56	21.30
	50	LOW	64QAM	20.70	20.48	20.47	21.30

LTE B28-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.38	23.18	24.30
		MID	QPSK	23.59	23.51	23.26	24.30
		HIGH	QPSK	23.63	23.36	23.28	24.30
	36	LOW	QPSK	22.48	22.43	22.29	23.30
		MID	QPSK	22.59	22.46	22.33	23.30
		HIGH	QPSK	22.57	22.45	22.26	23.30
	75	LOW	QPSK	22.57	22.48	22.34	23.30
15	1	LOW	Q16	22.47	22.80	22.64	23.30
		MID	Q16	22.56	22.90	22.75	23.30
		HIGH	Q16	22.53	22.75	22.73	23.30
	36	LOW	Q16	21.50	21.47	21.31	22.30
		MID	Q16	21.60	21.51	21.32	22.30
		HIGH	Q16	21.59	21.50	21.28	22.30
	75	LOW	Q16	21.58	21.48	21.31	22.30
15	1	LOW	64QAM	21.61	21.87	21.76	22.30
		MID	64QAM	21.46	21.88	21.64	22.30
		HIGH	64QAM	21.57	21.79	21.73	22.30
	36	LOW	64QAM	20.41	20.49	20.20	21.30
		MID	64QAM	20.64	20.46	20.35	21.30
		HIGH	64QAM	20.47	20.47	20.17	21.30
	75	LOW	64QAM	20.55	20.54	20.26	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	23.36	23.24	24.30
		MID	QPSK	23.45	23.50	23.31	24.30
		HIGH	QPSK	23.49	23.37	23.26	24.30
	36	LOW	QPSK	22.48	22.37	22.45	23.30
		MID	QPSK	22.54	22.57	22.40	23.30
		HIGH	QPSK	22.56	22.38	22.38	23.30
	75	LOW	QPSK	22.56	22.39	22.41	23.30
20	1	LOW	Q16	23.07	22.76	22.70	23.30
		MID	Q16	23.18	22.88	22.79	23.30
		HIGH	Q16	23.16	22.78	22.86	23.30
	36	LOW	Q16	21.48	21.37	21.39	22.30
		MID	Q16	21.64	21.46	21.33	22.30
		HIGH	Q16	21.60	21.38	21.30	22.30
	75	LOW	Q16	21.63	21.34	21.36	22.30
20	1	LOW	64QAM	21.95	21.61	21.69	22.30
		MID	64QAM	22.11	22.00	21.83	22.30
		HIGH	64QAM	22.21	21.92	21.80	22.30
	36	LOW	64QAM	20.41	20.23	20.49	21.30
		MID	64QAM	20.78	20.54	20.21	21.30
		HIGH	64QAM	20.66	20.28	20.38	21.30
	75	LOW	64QAM	20.74	20.27	20.44	21.30

LTE B28-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.62	23.53	23.41	24.30
		MID	QPSK	23.61	23.55	23.45	24.30
		HIGH	QPSK	23.60	23.55	23.52	24.30
	8	LOW	QPSK	22.60	22.60	22.51	23.30
		MID	QPSK	22.58	22.61	22.48	23.30
		HIGH	QPSK	22.58	22.61	22.51	23.30
	15	LOW	QPSK	22.59	22.61	22.48	23.30
3	1	LOW	Q16	22.54	22.97	22.52	23.30
		MID	Q16	22.57	22.98	22.52	23.30
		HIGH	Q16	22.54	22.99	22.56	23.30
	8	LOW	Q16	21.74	21.69	21.55	22.30
		MID	Q16	21.71	21.68	21.53	22.30
		HIGH	Q16	21.69	21.63	21.59	22.30
	15	LOW	Q16	21.65	21.61	21.48	22.30
3	1	LOW	64QAM	21.56	21.97	21.61	22.30
		MID	64QAM	21.53	22.09	21.63	22.30
		HIGH	64QAM	21.64	22.07	21.53	22.30
	8	LOW	64QAM	20.86	20.70	20.61	21.30
		MID	64QAM	20.82	20.64	20.65	21.30
		HIGH	64QAM	20.63	20.77	20.66	21.30
	15	LOW	64QAM	20.61	20.74	20.61	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.58	23.49	24.30
		MID	QPSK	23.79	23.58	23.52	24.30
		HIGH	QPSK	23.77	23.67	23.56	24.30
	12	LOW	QPSK	22.61	22.67	22.53	23.30
		MID	QPSK	22.63	22.59	22.49	23.30
		HIGH	QPSK	22.65	22.60	22.48	23.30
	25	LOW	QPSK	22.59	22.63	22.55	23.30
5	1	LOW	Q16	22.89	23.18	22.57	23.30
		MID	Q16	22.93	23.19	22.55	23.30
		HIGH	Q16	22.96	23.22	22.63	23.30
	12	LOW	Q16	21.66	21.76	21.57	22.30
		MID	Q16	21.67	21.73	21.55	22.30
		HIGH	Q16	21.70	21.72	21.51	22.30
	25	LOW	Q16	21.63	21.68	21.50	22.30
5	1	LOW	64QAM	21.78	22.29	21.56	22.30
		MID	64QAM	22.01	22.04	21.52	22.30
		HIGH	64QAM	21.92	22.18	21.78	22.30
	12	LOW	64QAM	20.66	20.72	20.57	21.30
		MID	64QAM	20.81	20.63	20.42	21.30
		HIGH	64QAM	20.57	20.58	20.38	21.30
	25	LOW	64QAM	20.69	20.56	20.64	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	23.56	23.41	24.30
		MID	QPSK	23.63	23.66	23.50	24.30
		HIGH	QPSK	23.64	23.63	23.52	24.30
	25	LOW	QPSK	22.51	22.61	22.50	23.30
		MID	QPSK	22.66	22.59	22.50	23.30
		HIGH	QPSK	22.68	22.68	22.47	23.30
	50	LOW	QPSK	22.66	22.63	22.52	23.30
10	1	LOW	Q16	22.54	22.95	22.46	23.30
		MID	Q16	22.57	23.04	22.51	23.30
		HIGH	Q16	22.53	23.03	22.55	23.30
	25	LOW	Q16	21.54	21.67	21.61	22.30
		MID	Q16	21.68	21.66	21.55	22.30
		HIGH	Q16	21.77	21.75	21.58	22.30
	50	LOW	Q16	21.62	21.63	21.50	22.30
10	1	LOW	64QAM	21.69	21.81	21.34	22.30
		MID	64QAM	21.70	22.08	21.42	22.30
		HIGH	64QAM	21.45	22.03	21.59	22.30
	25	LOW	64QAM	20.68	20.52	20.71	21.30
		MID	64QAM	20.76	20.62	20.68	21.30
		HIGH	64QAM	20.79	20.88	20.56	21.30
	50	LOW	64QAM	20.70	20.48	20.47	21.30

LTE B28-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.38	23.18	24.30
		MID	QPSK	23.59	23.51	23.26	24.30
		HIGH	QPSK	23.63	23.36	23.28	24.30
	36	LOW	QPSK	22.48	22.43	22.29	23.30
		MID	QPSK	22.59	22.46	22.33	23.30
		HIGH	QPSK	22.57	22.45	22.26	23.30
	75	LOW	QPSK	22.57	22.48	22.34	23.30
15	1	LOW	Q16	22.47	22.80	22.64	23.30
		MID	Q16	22.56	22.90	22.75	23.30
		HIGH	Q16	22.53	22.75	22.73	23.30
	36	LOW	Q16	21.50	21.47	21.31	22.30
		MID	Q16	21.60	21.51	21.32	22.30
		HIGH	Q16	21.59	21.50	21.28	22.30
	75	LOW	Q16	21.58	21.48	21.31	22.30
15	1	LOW	64QAM	21.61	21.87	21.76	22.30
		MID	64QAM	21.46	21.88	21.64	22.30
		HIGH	64QAM	21.57	21.79	21.73	22.30
	36	LOW	64QAM	20.41	20.49	20.20	21.30
		MID	64QAM	20.64	20.46	20.35	21.30
		HIGH	64QAM	20.47	20.47	20.17	21.30
	75	LOW	64QAM	20.55	20.54	20.26	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	23.36	23.24	24.30
		MID	QPSK	23.45	23.50	23.31	24.30
		HIGH	QPSK	23.49	23.37	23.26	24.30
	36	LOW	QPSK	22.48	22.37	22.45	23.30
		MID	QPSK	22.54	22.57	22.40	23.30
		HIGH	QPSK	22.56	22.38	22.38	23.30
	75	LOW	QPSK	22.56	22.39	22.41	23.30
20	1	LOW	Q16	23.07	22.76	22.70	23.30
		MID	Q16	23.18	22.88	22.79	23.30
		HIGH	Q16	23.16	22.78	22.86	23.30
	36	LOW	Q16	21.48	21.37	21.39	22.30
		MID	Q16	21.64	21.46	21.33	22.30
		HIGH	Q16	21.60	21.38	21.30	22.30
	75	LOW	Q16	21.63	21.34	21.36	22.30
20	1	LOW	64QAM	21.95	21.61	21.69	22.30
		MID	64QAM	22.11	22.00	21.83	22.30
		HIGH	64QAM	22.21	21.92	21.80	22.30
	36	LOW	64QAM	20.41	20.23	20.49	21.30
		MID	64QAM	20.78	20.54	20.21	21.30
		HIGH	64QAM	20.66	20.28	20.38	21.30
	75	LOW	64QAM	20.74	20.27	20.44	21.30

LTE B28-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.62	23.53	23.41	24.30
		MID	QPSK	23.61	23.55	23.45	24.30
		HIGH	QPSK	23.60	23.55	23.52	24.30
	8	LOW	QPSK	22.60	22.60	22.51	23.30
		MID	QPSK	22.58	22.61	22.48	23.30
		HIGH	QPSK	22.58	22.61	22.51	23.30
	15	LOW	QPSK	22.59	22.61	22.48	23.30
3	1	LOW	Q16	22.54	22.97	22.52	23.30
		MID	Q16	22.57	22.98	22.52	23.30
		HIGH	Q16	22.54	22.99	22.56	23.30
	8	LOW	Q16	21.74	21.69	21.55	22.30
		MID	Q16	21.71	21.68	21.53	22.30
		HIGH	Q16	21.69	21.63	21.59	22.30
	15	LOW	Q16	21.65	21.61	21.48	22.30
3	1	LOW	64QAM	21.56	21.97	21.61	22.30
		MID	64QAM	21.53	22.09	21.63	22.30
		HIGH	64QAM	21.64	22.07	21.53	22.30
	8	LOW	64QAM	20.86	20.70	20.61	21.30
		MID	64QAM	20.82	20.64	20.65	21.30
		HIGH	64QAM	20.63	20.77	20.66	21.30
	15	LOW	64QAM	20.61	20.74	20.61	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.58	23.49	24.30
		MID	QPSK	23.79	23.58	23.52	24.30
		HIGH	QPSK	23.77	23.67	23.56	24.30
	12	LOW	QPSK	22.61	22.67	22.53	23.30
		MID	QPSK	22.63	22.59	22.49	23.30
		HIGH	QPSK	22.65	22.60	22.48	23.30
	25	LOW	QPSK	22.59	22.63	22.55	23.30
5	1	LOW	Q16	22.89	23.18	22.57	23.30
		MID	Q16	22.93	23.19	22.55	23.30
		HIGH	Q16	22.96	23.22	22.63	23.30
	12	LOW	Q16	21.66	21.76	21.57	22.30
		MID	Q16	21.67	21.73	21.55	22.30
		HIGH	Q16	21.70	21.72	21.51	22.30
	25	LOW	Q16	21.63	21.68	21.50	22.30
5	1	LOW	64QAM	21.78	22.29	21.56	22.30
		MID	64QAM	22.01	22.04	21.52	22.30
		HIGH	64QAM	21.92	22.18	21.78	22.30
	12	LOW	64QAM	20.66	20.72	20.57	21.30
		MID	64QAM	20.81	20.63	20.42	21.30
		HIGH	64QAM	20.57	20.58	20.38	21.30
	25	LOW	64QAM	20.69	20.56	20.64	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	23.56	23.41	24.30
		MID	QPSK	23.63	23.66	23.50	24.30
		HIGH	QPSK	23.64	23.63	23.52	24.30
	25	LOW	QPSK	22.51	22.61	22.50	23.30
		MID	QPSK	22.66	22.59	22.50	23.30
		HIGH	QPSK	22.68	22.68	22.47	23.30
	50	LOW	QPSK	22.66	22.63	22.52	23.30
10	1	LOW	Q16	22.54	22.95	22.46	23.30
		MID	Q16	22.57	23.04	22.51	23.30
		HIGH	Q16	22.53	23.03	22.55	23.30
	25	LOW	Q16	21.54	21.67	21.61	22.30
		MID	Q16	21.68	21.66	21.55	22.30
		HIGH	Q16	21.77	21.75	21.58	22.30
	50	LOW	Q16	21.62	21.63	21.50	22.30
10	1	LOW	64QAM	21.69	21.81	21.34	22.30
		MID	64QAM	21.70	22.08	21.42	22.30
		HIGH	64QAM	21.45	22.03	21.59	22.30
	25	LOW	64QAM	20.68	20.52	20.71	21.30
		MID	64QAM	20.76	20.62	20.68	21.30
		HIGH	64QAM	20.79	20.88	20.56	21.30
	50	LOW	64QAM	20.70	20.48	20.47	21.30

LTE B28-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.38	23.18	24.30
		MID	QPSK	23.59	23.51	23.26	24.30
		HIGH	QPSK	23.63	23.36	23.28	24.30
	36	LOW	QPSK	22.48	22.43	22.29	23.30
		MID	QPSK	22.59	22.46	22.33	23.30
		HIGH	QPSK	22.57	22.45	22.26	23.30
	75	LOW	QPSK	22.57	22.48	22.34	23.30
15	1	LOW	Q16	22.47	22.80	22.64	23.30
		MID	Q16	22.56	22.90	22.75	23.30
		HIGH	Q16	22.53	22.75	22.73	23.30
	36	LOW	Q16	21.50	21.47	21.31	22.30
		MID	Q16	21.60	21.51	21.32	22.30
		HIGH	Q16	21.59	21.50	21.28	22.30
	75	LOW	Q16	21.58	21.48	21.31	22.30
15	1	LOW	64QAM	21.61	21.87	21.76	22.30
		MID	64QAM	21.46	21.88	21.64	22.30
		HIGH	64QAM	21.57	21.79	21.73	22.30
	36	LOW	64QAM	20.41	20.49	20.20	21.30
		MID	64QAM	20.64	20.46	20.35	21.30
		HIGH	64QAM	20.47	20.47	20.17	21.30
	75	LOW	64QAM	20.55	20.54	20.26	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	23.36	23.24	24.30
		MID	QPSK	23.45	23.50	23.31	24.30
		HIGH	QPSK	23.49	23.37	23.26	24.30
	36	LOW	QPSK	22.48	22.37	22.45	23.30
		MID	QPSK	22.54	22.57	22.40	23.30
		HIGH	QPSK	22.56	22.38	22.38	23.30
	75	LOW	QPSK	22.56	22.39	22.41	23.30
20	1	LOW	Q16	23.07	22.76	22.70	23.30
		MID	Q16	23.18	22.88	22.79	23.30
		HIGH	Q16	23.16	22.78	22.86	23.30
	36	LOW	Q16	21.48	21.37	21.39	22.30
		MID	Q16	21.64	21.46	21.33	22.30
		HIGH	Q16	21.60	21.38	21.30	22.30
	75	LOW	Q16	21.63	21.34	21.36	22.30
20	1	LOW	64QAM	21.95	21.61	21.69	22.30
		MID	64QAM	22.11	22.00	21.83	22.30
		HIGH	64QAM	22.21	21.92	21.80	22.30
	36	LOW	64QAM	20.41	20.23	20.49	21.30
		MID	64QAM	20.78	20.54	20.21	21.30
		HIGH	64QAM	20.66	20.28	20.38	21.30
	75	LOW	64QAM	20.74	20.27	20.44	21.30

LTE B28-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.62	23.53	23.41	24.30
		MID	QPSK	23.61	23.55	23.45	24.30
		HIGH	QPSK	23.60	23.55	23.52	24.30
	8	LOW	QPSK	22.60	22.60	22.51	23.30
		MID	QPSK	22.58	22.61	22.48	23.30
		HIGH	QPSK	22.58	22.61	22.51	23.30
	15	LOW	QPSK	22.59	22.61	22.48	23.30
3	1	LOW	Q16	22.54	22.97	22.52	23.30
		MID	Q16	22.57	22.98	22.52	23.30
		HIGH	Q16	22.54	22.99	22.56	23.30
	8	LOW	Q16	21.74	21.69	21.55	22.30
		MID	Q16	21.71	21.68	21.53	22.30
		HIGH	Q16	21.69	21.63	21.59	22.30
	15	LOW	Q16	21.65	21.61	21.48	22.30
3	1	LOW	64QAM	21.56	21.97	21.61	22.30
		MID	64QAM	21.53	22.09	21.63	22.30
		HIGH	64QAM	21.64	22.07	21.53	22.30
	8	LOW	64QAM	20.86	20.70	20.61	21.30
		MID	64QAM	20.82	20.64	20.65	21.30
		HIGH	64QAM	20.63	20.77	20.66	21.30
	15	LOW	64QAM	20.61	20.74	20.61	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.58	23.49	24.30
		MID	QPSK	23.79	23.58	23.52	24.30
		HIGH	QPSK	23.77	23.67	23.56	24.30
	12	LOW	QPSK	22.61	22.67	22.53	23.30
		MID	QPSK	22.63	22.59	22.49	23.30
		HIGH	QPSK	22.65	22.60	22.48	23.30
	25	LOW	QPSK	22.59	22.63	22.55	23.30
5	1	LOW	Q16	22.89	23.18	22.57	23.30
		MID	Q16	22.93	23.19	22.55	23.30
		HIGH	Q16	22.96	23.22	22.63	23.30
	12	LOW	Q16	21.66	21.76	21.57	22.30
		MID	Q16	21.67	21.73	21.55	22.30
		HIGH	Q16	21.70	21.72	21.51	22.30
	25	LOW	Q16	21.63	21.68	21.50	22.30
5	1	LOW	64QAM	21.78	22.29	21.56	22.30
		MID	64QAM	22.01	22.04	21.52	22.30
		HIGH	64QAM	21.92	22.18	21.78	22.30
	12	LOW	64QAM	20.66	20.72	20.57	21.30
		MID	64QAM	20.81	20.63	20.42	21.30
		HIGH	64QAM	20.57	20.58	20.38	21.30
	25	LOW	64QAM	20.69	20.56	20.64	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	23.56	23.41	24.30
		MID	QPSK	23.63	23.66	23.50	24.30
		HIGH	QPSK	23.64	23.63	23.52	24.30
	25	LOW	QPSK	22.51	22.61	22.50	23.30
		MID	QPSK	22.66	22.59	22.50	23.30
		HIGH	QPSK	22.68	22.68	22.47	23.30
	50	LOW	QPSK	22.66	22.63	22.52	23.30
10	1	LOW	Q16	22.54	22.95	22.46	23.30
		MID	Q16	22.57	23.04	22.51	23.30
		HIGH	Q16	22.53	23.03	22.55	23.30
	25	LOW	Q16	21.54	21.67	21.61	22.30
		MID	Q16	21.68	21.66	21.55	22.30
		HIGH	Q16	21.77	21.75	21.58	22.30
	50	LOW	Q16	21.62	21.63	21.50	22.30
10	1	LOW	64QAM	21.69	21.81	21.34	22.30
		MID	64QAM	21.70	22.08	21.42	22.30
		HIGH	64QAM	21.45	22.03	21.59	22.30
	25	LOW	64QAM	20.68	20.52	20.71	21.30
		MID	64QAM	20.76	20.62	20.68	21.30
		HIGH	64QAM	20.79	20.88	20.56	21.30
	50	LOW	64QAM	20.70	20.48	20.47	21.30

LTE B28-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.38	23.18	24.30
		MID	QPSK	23.59	23.51	23.26	24.30
		HIGH	QPSK	23.63	23.36	23.28	24.30
	36	LOW	QPSK	22.48	22.43	22.29	23.30
		MID	QPSK	22.59	22.46	22.33	23.30
		HIGH	QPSK	22.57	22.45	22.26	23.30
	75	LOW	QPSK	22.57	22.48	22.34	23.30
15	1	LOW	Q16	22.47	22.80	22.64	23.30
		MID	Q16	22.56	22.90	22.75	23.30
		HIGH	Q16	22.53	22.75	22.73	23.30
	36	LOW	Q16	21.50	21.47	21.31	22.30
		MID	Q16	21.60	21.51	21.32	22.30
		HIGH	Q16	21.59	21.50	21.28	22.30
	75	LOW	Q16	21.58	21.48	21.31	22.30
15	1	LOW	64QAM	21.61	21.87	21.76	22.30
		MID	64QAM	21.46	21.88	21.64	22.30
		HIGH	64QAM	21.57	21.79	21.73	22.30
	36	LOW	64QAM	20.41	20.49	20.20	21.30
		MID	64QAM	20.64	20.46	20.35	21.30
		HIGH	64QAM	20.47	20.47	20.17	21.30
	75	LOW	64QAM	20.55	20.54	20.26	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	23.36	23.24	24.30
		MID	QPSK	23.45	23.50	23.31	24.30
		HIGH	QPSK	23.49	23.37	23.26	24.30
	36	LOW	QPSK	22.48	22.37	22.45	23.30
		MID	QPSK	22.54	22.57	22.40	23.30
		HIGH	QPSK	22.56	22.38	22.38	23.30
	75	LOW	QPSK	22.56	22.39	22.41	23.30
20	1	LOW	Q16	23.07	22.76	22.70	23.30
		MID	Q16	23.18	22.88	22.79	23.30
		HIGH	Q16	23.16	22.78	22.86	23.30
	36	LOW	Q16	21.48	21.37	21.39	22.30
		MID	Q16	21.64	21.46	21.33	22.30
		HIGH	Q16	21.60	21.38	21.30	22.30
	75	LOW	Q16	21.63	21.34	21.36	22.30
20	1	LOW	64QAM	21.95	21.61	21.69	22.30
		MID	64QAM	22.11	22.00	21.83	22.30
		HIGH	64QAM	22.21	21.92	21.80	22.30
	36	LOW	64QAM	20.41	20.23	20.49	21.30
		MID	64QAM	20.78	20.54	20.21	21.30
		HIGH	64QAM	20.66	20.28	20.38	21.30
	75	LOW	64QAM	20.74	20.27	20.44	21.30

LTE B28-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.62	23.53	23.41	24.30
		MID	QPSK	23.61	23.55	23.45	24.30
		HIGH	QPSK	23.60	23.55	23.52	24.30
	8	LOW	QPSK	22.60	22.60	22.51	23.30
		MID	QPSK	22.58	22.61	22.48	23.30
		HIGH	QPSK	22.58	22.61	22.51	23.30
	15	LOW	QPSK	22.59	22.61	22.48	23.30
3	1	LOW	Q16	22.54	22.97	22.52	23.30
		MID	Q16	22.57	22.98	22.52	23.30
		HIGH	Q16	22.54	22.99	22.56	23.30
	8	LOW	Q16	21.74	21.69	21.55	22.30
		MID	Q16	21.71	21.68	21.53	22.30
		HIGH	Q16	21.69	21.63	21.59	22.30
	15	LOW	Q16	21.65	21.61	21.48	22.30
3	1	LOW	64QAM	21.56	21.97	21.61	22.30
		MID	64QAM	21.53	22.09	21.63	22.30
		HIGH	64QAM	21.64	22.07	21.53	22.30
	8	LOW	64QAM	20.86	20.70	20.61	21.30
		MID	64QAM	20.82	20.64	20.65	21.30
		HIGH	64QAM	20.63	20.77	20.66	21.30
	15	LOW	64QAM	20.61	20.74	20.61	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.58	23.49	24.30
		MID	QPSK	23.79	23.58	23.52	24.30
		HIGH	QPSK	23.77	23.67	23.56	24.30
	12	LOW	QPSK	22.61	22.67	22.53	23.30
		MID	QPSK	22.63	22.59	22.49	23.30
		HIGH	QPSK	22.65	22.60	22.48	23.30
	25	LOW	QPSK	22.59	22.63	22.55	23.30
5	1	LOW	Q16	22.89	23.18	22.57	23.30
		MID	Q16	22.93	23.19	22.55	23.30
		HIGH	Q16	22.96	23.22	22.63	23.30
	12	LOW	Q16	21.66	21.76	21.57	22.30
		MID	Q16	21.67	21.73	21.55	22.30
		HIGH	Q16	21.70	21.72	21.51	22.30
	25	LOW	Q16	21.63	21.68	21.50	22.30
5	1	LOW	64QAM	21.78	22.29	21.56	22.30
		MID	64QAM	22.01	22.04	21.52	22.30
		HIGH	64QAM	21.92	22.18	21.78	22.30
	12	LOW	64QAM	20.66	20.72	20.57	21.30
		MID	64QAM	20.81	20.63	20.42	21.30
		HIGH	64QAM	20.57	20.58	20.38	21.30
	25	LOW	64QAM	20.69	20.56	20.64	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	23.56	23.41	24.30
		MID	QPSK	23.63	23.66	23.50	24.30
		HIGH	QPSK	23.64	23.63	23.52	24.30
	25	LOW	QPSK	22.51	22.61	22.50	23.30
		MID	QPSK	22.66	22.59	22.50	23.30
		HIGH	QPSK	22.68	22.68	22.47	23.30
	50	LOW	QPSK	22.66	22.63	22.52	23.30
10	1	LOW	Q16	22.54	22.95	22.46	23.30
		MID	Q16	22.57	23.04	22.51	23.30
		HIGH	Q16	22.53	23.03	22.55	23.30
	25	LOW	Q16	21.54	21.67	21.61	22.30
		MID	Q16	21.68	21.66	21.55	22.30
		HIGH	Q16	21.77	21.75	21.58	22.30
	50	LOW	Q16	21.62	21.63	21.50	22.30
10	1	LOW	64QAM	21.69	21.81	21.34	22.30
		MID	64QAM	21.70	22.08	21.42	22.30
		HIGH	64QAM	21.45	22.03	21.59	22.30
	25	LOW	64QAM	20.68	20.52	20.71	21.30
		MID	64QAM	20.76	20.62	20.68	21.30
		HIGH	64QAM	20.79	20.88	20.56	21.30
	50	LOW	64QAM	20.70	20.48	20.47	21.30

LTE B28-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.38	23.18	24.30
		MID	QPSK	23.59	23.51	23.26	24.30
		HIGH	QPSK	23.63	23.36	23.28	24.30
	36	LOW	QPSK	22.48	22.43	22.29	23.30
		MID	QPSK	22.59	22.46	22.33	23.30
		HIGH	QPSK	22.57	22.45	22.26	23.30
	75	LOW	QPSK	22.57	22.48	22.34	23.30
15	1	LOW	Q16	22.47	22.80	22.64	23.30
		MID	Q16	22.56	22.90	22.75	23.30
		HIGH	Q16	22.53	22.75	22.73	23.30
	36	LOW	Q16	21.50	21.47	21.31	22.30
		MID	Q16	21.60	21.51	21.32	22.30
		HIGH	Q16	21.59	21.50	21.28	22.30
	75	LOW	Q16	21.58	21.48	21.31	22.30
15	1	LOW	64QAM	21.61	21.87	21.76	22.30
		MID	64QAM	21.46	21.88	21.64	22.30
		HIGH	64QAM	21.57	21.79	21.73	22.30
	36	LOW	64QAM	20.41	20.49	20.20	21.30
		MID	64QAM	20.64	20.46	20.35	21.30
		HIGH	64QAM	20.47	20.47	20.17	21.30
	75	LOW	64QAM	20.55	20.54	20.26	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	23.36	23.24	24.30
		MID	QPSK	23.45	23.50	23.31	24.30
		HIGH	QPSK	23.49	23.37	23.26	24.30
	36	LOW	QPSK	22.48	22.37	22.45	23.30
		MID	QPSK	22.54	22.57	22.40	23.30
		HIGH	QPSK	22.56	22.38	22.38	23.30
	75	LOW	QPSK	22.56	22.39	22.41	23.30
20	1	LOW	Q16	23.07	22.76	22.70	23.30
		MID	Q16	23.18	22.88	22.79	23.30
		HIGH	Q16	23.16	22.78	22.86	23.30
	36	LOW	Q16	21.48	21.37	21.39	22.30
		MID	Q16	21.64	21.46	21.33	22.30
		HIGH	Q16	21.60	21.38	21.30	22.30
	75	LOW	Q16	21.63	21.34	21.36	22.30
20	1	LOW	64QAM	21.95	21.61	21.69	22.30
		MID	64QAM	22.11	22.00	21.83	22.30
		HIGH	64QAM	22.21	21.92	21.80	22.30
	36	LOW	64QAM	20.41	20.23	20.49	21.30
		MID	64QAM	20.78	20.54	20.21	21.30
		HIGH	64QAM	20.66	20.28	20.38	21.30
	75	LOW	64QAM	20.74	20.27	20.44	21.30

LTE B28-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27225	27375	27645	Tune-up power(dBm)
3	1	LOW	QPSK	23.62	23.53	23.41	24.30
		MID	QPSK	23.61	23.55	23.45	24.30
		HIGH	QPSK	23.60	23.55	23.52	24.30
	8	LOW	QPSK	22.60	22.60	22.51	23.30
		MID	QPSK	22.58	22.61	22.48	23.30
		HIGH	QPSK	22.58	22.61	22.51	23.30
	15	LOW	QPSK	22.59	22.61	22.48	23.30
3	1	LOW	Q16	22.54	22.97	22.52	23.30
		MID	Q16	22.57	22.98	22.52	23.30
		HIGH	Q16	22.54	22.99	22.56	23.30
	8	LOW	Q16	21.74	21.69	21.55	22.30
		MID	Q16	21.71	21.68	21.53	22.30
		HIGH	Q16	21.69	21.63	21.59	22.30
	15	LOW	Q16	21.65	21.61	21.48	22.30
3	1	LOW	64QAM	21.56	21.97	21.61	22.30
		MID	64QAM	21.53	22.09	21.63	22.30
		HIGH	64QAM	21.64	22.07	21.53	22.30
	8	LOW	64QAM	20.86	20.70	20.61	21.30
		MID	64QAM	20.82	20.64	20.65	21.30
		HIGH	64QAM	20.63	20.77	20.66	21.30
	15	LOW	64QAM	20.61	20.74	20.61	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27235	27385	27635	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.58	23.49	24.30
		MID	QPSK	23.79	23.58	23.52	24.30
		HIGH	QPSK	23.77	23.67	23.56	24.30
	12	LOW	QPSK	22.61	22.67	22.53	23.30
		MID	QPSK	22.63	22.59	22.49	23.30
		HIGH	QPSK	22.65	22.60	22.48	23.30
	25	LOW	QPSK	22.59	22.63	22.55	23.30
5	1	LOW	Q16	22.89	23.18	22.57	23.30
		MID	Q16	22.93	23.19	22.55	23.30
		HIGH	Q16	22.96	23.22	22.63	23.30
	12	LOW	Q16	21.66	21.76	21.57	22.30
		MID	Q16	21.67	21.73	21.55	22.30
		HIGH	Q16	21.70	21.72	21.51	22.30
	25	LOW	Q16	21.63	21.68	21.50	22.30
5	1	LOW	64QAM	21.78	22.29	21.56	22.30
		MID	64QAM	22.01	22.04	21.52	22.30
		HIGH	64QAM	21.92	22.18	21.78	22.30
	12	LOW	64QAM	20.66	20.72	20.57	21.30
		MID	64QAM	20.81	20.63	20.42	21.30
		HIGH	64QAM	20.57	20.58	20.38	21.30
	25	LOW	64QAM	20.69	20.56	20.64	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27260	27410	27610	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	23.56	23.41	24.30
		MID	QPSK	23.63	23.66	23.50	24.30
		HIGH	QPSK	23.64	23.63	23.52	24.30
	25	LOW	QPSK	22.51	22.61	22.50	23.30
		MID	QPSK	22.66	22.59	22.50	23.30
		HIGH	QPSK	22.68	22.68	22.47	23.30
	50	LOW	QPSK	22.66	22.63	22.52	23.30
10	1	LOW	Q16	22.54	22.95	22.46	23.30
		MID	Q16	22.57	23.04	22.51	23.30
		HIGH	Q16	22.53	23.03	22.55	23.30
	25	LOW	Q16	21.54	21.67	21.61	22.30
		MID	Q16	21.68	21.66	21.55	22.30
		HIGH	Q16	21.77	21.75	21.58	22.30
	50	LOW	Q16	21.62	21.63	21.50	22.30
10	1	LOW	64QAM	21.69	21.81	21.34	22.30
		MID	64QAM	21.70	22.08	21.42	22.30
		HIGH	64QAM	21.45	22.03	21.59	22.30
	25	LOW	64QAM	20.68	20.52	20.71	21.30
		MID	64QAM	20.76	20.62	20.68	21.30
		HIGH	64QAM	20.79	20.88	20.56	21.30
	50	LOW	64QAM	20.70	20.48	20.47	21.30

LTE B28-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	27285	27435	27585	Tune-up power(dBm)
15	1	LOW	QPSK	23.52	23.38	23.18	24.30
		MID	QPSK	23.59	23.51	23.26	24.30
		HIGH	QPSK	23.63	23.36	23.28	24.30
	36	LOW	QPSK	22.48	22.43	22.29	23.30
		MID	QPSK	22.59	22.46	22.33	23.30
		HIGH	QPSK	22.57	22.45	22.26	23.30
	75	LOW	QPSK	22.57	22.48	22.34	23.30
15	1	LOW	Q16	22.47	22.80	22.64	23.30
		MID	Q16	22.56	22.90	22.75	23.30
		HIGH	Q16	22.53	22.75	22.73	23.30
	36	LOW	Q16	21.50	21.47	21.31	22.30
		MID	Q16	21.60	21.51	21.32	22.30
		HIGH	Q16	21.59	21.50	21.28	22.30
	75	LOW	Q16	21.58	21.48	21.31	22.30
15	1	LOW	64QAM	21.61	21.87	21.76	22.30
		MID	64QAM	21.46	21.88	21.64	22.30
		HIGH	64QAM	21.57	21.79	21.73	22.30
	36	LOW	64QAM	20.41	20.49	20.20	21.30
		MID	64QAM	20.64	20.46	20.35	21.30
		HIGH	64QAM	20.47	20.47	20.17	21.30
	75	LOW	64QAM	20.55	20.54	20.26	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	27310	27460	27560	Tune-up power(dBm)
20	1	LOW	QPSK	23.41	23.36	23.24	24.30
		MID	QPSK	23.45	23.50	23.31	24.30
		HIGH	QPSK	23.49	23.37	23.26	24.30
	36	LOW	QPSK	22.48	22.37	22.45	23.30
		MID	QPSK	22.54	22.57	22.40	23.30
		HIGH	QPSK	22.56	22.38	22.38	23.30
	75	LOW	QPSK	22.56	22.39	22.41	23.30
20	1	LOW	Q16	23.07	22.76	22.70	23.30
		MID	Q16	23.18	22.88	22.79	23.30
		HIGH	Q16	23.16	22.78	22.86	23.30
	36	LOW	Q16	21.48	21.37	21.39	22.30
		MID	Q16	21.64	21.46	21.33	22.30
		HIGH	Q16	21.60	21.38	21.30	22.30
	75	LOW	Q16	21.63	21.34	21.36	22.30
20	1	LOW	64QAM	21.95	21.61	21.69	22.30
		MID	64QAM	22.11	22.00	21.83	22.30
		HIGH	64QAM	22.21	21.92	21.80	22.30
	36	LOW	64QAM	20.41	20.23	20.49	21.30
		MID	64QAM	20.78	20.54	20.21	21.30
		HIGH	64QAM	20.66	20.28	20.38	21.30
	75	LOW	64QAM	20.74	20.27	20.44	21.30

8.3.9 LTE Band66 Output Power

LTE B66-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.16	23.18	23.22	24.20
		MID	QPSK	23.17	23.17	23.24	24.20
		HIGH	QPSK	23.18	23.19	23.23	24.20
	3	LOW	QPSK	23.29	23.26	23.34	24.20
		MID	QPSK	23.33	23.23	23.39	24.20
		HIGH	QPSK	23.30	23.22	23.33	24.20
	6	LOW	QPSK	22.32	22.29	22.37	23.20
1.4	1	LOW	Q16	22.37	22.66	22.26	23.20
		MID	Q16	22.39	22.61	22.26	23.20
		HIGH	Q16	22.40	22.63	22.29	23.20
	3	LOW	Q16	22.34	22.46	22.45	23.20
		MID	Q16	22.33	22.42	22.44	23.20
		HIGH	Q16	22.35	22.42	22.43	23.20
	6	LOW	Q16	21.46	21.16	21.46	22.20
1.4	1	LOW	64QAM	21.35	21.59	21.27	22.20
		MID	64QAM	21.37	21.72	21.18	22.20
		HIGH	64QAM	21.33	21.49	21.24	22.20
	3	LOW	64QAM	21.27	21.43	21.57	22.20
		MID	64QAM	21.18	21.56	21.35	22.20
		HIGH	64QAM	21.27	21.57	21.38	22.20
	6	LOW	64QAM	20.46	20.24	20.44	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.35	23.22	23.21	24.20
		MID	QPSK	23.34	23.24	23.24	24.20
		HIGH	QPSK	23.34	23.21	23.25	24.20
	8	LOW	QPSK	22.26	22.28	22.29	23.20
		MID	QPSK	22.29	22.25	22.32	23.20
		HIGH	QPSK	22.29	22.25	22.29	23.20
3	15	LOW	QPSK	22.30	22.25	22.31	23.20
	1	LOW	Q16	22.22	22.62	22.26	23.20
		MID	Q16	22.25	22.65	22.27	23.20
		HIGH	Q16	22.24	22.63	22.26	23.20
	8	LOW	Q16	21.46	21.37	21.31	22.20
		MID	Q16	21.41	21.33	21.36	22.20
		HIGH	Q16	21.45	21.36	21.35	22.20
	15	LOW	Q16	21.35	21.30	21.26	22.20
3	1	LOW	64QAM	21.12	21.76	21.12	22.20
		MID	64QAM	21.12	21.62	21.14	22.20
		HIGH	64QAM	21.16	21.60	21.33	22.20
	8	LOW	64QAM	20.57	20.49	20.46	21.20
		MID	64QAM	20.38	20.37	20.33	21.20
		HIGH	64QAM	20.36	20.39	20.49	21.20
	15	LOW	64QAM	20.42	20.26	20.20	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.49	23.27	23.28	24.20
		MID	QPSK	23.53	23.25	23.29	24.20
		HIGH	QPSK	23.57	23.30	23.36	24.20
	12	LOW	QPSK	22.31	22.31	22.30	23.20
		MID	QPSK	22.32	22.24	22.30	23.20
		HIGH	QPSK	22.33	22.28	22.28	23.20
5	25	LOW	QPSK	22.35	22.26	22.28	23.20
	1	LOW	Q16	22.64	22.84	22.26	23.20
		MID	Q16	22.65	22.87	22.29	23.20
		HIGH	Q16	22.68	22.88	22.30	23.20
	12	LOW	Q16	21.33	21.44	21.39	22.20
		MID	Q16	21.40	21.38	21.37	22.20
		HIGH	Q16	21.42	21.35	21.30	22.20
	25	LOW	Q16	21.36	21.37	21.26	22.20
5	1	LOW	64QAM	21.59	21.91	21.18	22.20
		MID	64QAM	21.78	21.91	21.30	22.20
		HIGH	64QAM	21.77	21.80	21.32	22.20
	12	LOW	64QAM	20.22	20.37	20.34	21.20
		MID	64QAM	20.32	20.46	20.31	21.20
		HIGH	64QAM	20.51	20.37	20.19	21.20
	25	LOW	64QAM	20.28	20.44	20.28	21.20

LTE B66-Full Power -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)		
10	1	LOW	QPSK	23.32	23.26	23.14	24.20		
		MID	QPSK	23.41	23.29	23.26	24.20		
		HIGH	QPSK	23.45	23.26	23.28	24.20		
	25	LOW	QPSK	22.27	22.27	22.25	23.20		
		MID	QPSK	22.36	22.28	22.28	23.20		
		HIGH	QPSK	22.43	22.32	22.28	23.20		
	50	LOW	QPSK	22.38	22.36	22.30	23.20		
10	1	LOW	Q16	22.18	22.62	22.14	23.20		
		MID	Q16	22.23	22.64	22.20	23.20		
		HIGH	Q16	22.27	22.63	22.26	23.20		
	25	LOW	Q16	21.30	21.36	21.36	22.20		
		MID	Q16	21.42	21.32	21.38	22.20		
		HIGH	Q16	21.45	21.40	21.37	22.20		
	50	LOW	Q16	21.38	21.35	21.31	22.20		
10	1	LOW	64QAM	21.21	21.50	21.20	22.20		
		MID	64QAM	21.32	21.69	21.24	22.20		
		HIGH	64QAM	21.37	21.52	21.16	22.20		
	25	LOW	64QAM	20.21	20.35	20.36	21.20		
		MID	64QAM	20.28	20.26	20.28	21.20		
		HIGH	64QAM	20.42	20.48	20.29	21.20		
	50	LOW	64QAM	20.47	20.37	20.28	21.20		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)		
15	1	LOW	QPSK	23.24	23.23	23.06	24.20		
		MID	QPSK	23.43	23.28	23.21	24.20		
		HIGH	QPSK	23.32	23.21	23.21	24.20		
	36	LOW	QPSK	22.21	22.26	22.22	23.20		
		MID	QPSK	22.29	22.30	22.27	23.20		
		HIGH	QPSK	22.39	22.28	22.29	23.20		
15	75	LOW	QPSK	22.31	22.26	22.24	23.20		
		1	LOW	Q16	22.11	22.60	22.46	23.20	
			MID	Q16	22.30	22.66	22.57	23.20	
	HIGH		Q16	22.19	22.60	22.56	23.20		
	36	LOW	Q16	21.25	21.31	21.22	22.20		
		MID	Q16	21.35	21.38	21.26	22.20		
HIGH		Q16	21.37	21.36	21.28	22.20			
15	75	LOW	Q16	21.31	21.28	21.26	22.20		
		1	LOW	64QAM	20.96	21.63	21.60	22.20	
			MID	64QAM	21.34	21.60	21.54	22.20	
	HIGH		64QAM	21.14	21.70	21.70	22.20		
	36	LOW	64QAM	20.15	20.22	20.16	21.20		
		MID	64QAM	20.43	20.24	20.24	21.20		
HIGH		64QAM	20.26	20.45	20.23	21.20			
15	75	LOW	64QAM	20.42	20.28	20.25	21.20		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
		20	1	LOW	QPSK	23.10	23.18	23.04	24.20
	MID			QPSK	23.34	23.32	23.18	24.20	
	HIGH			QPSK	23.27	23.23	23.19	24.20	
	50		LOW	QPSK	22.21	22.27	22.26	23.20	
MID			QPSK	22.38	22.33	22.28	23.20		
HIGH			QPSK	22.33	22.33	22.28	23.20		
100	LOW	QPSK	22.34	22.28	22.25	23.20			
20	1	LOW	Q16	22.78	22.56	22.49	23.20		
		MID	Q16	22.98	22.68	22.62	23.20		
		HIGH	Q16	22.87	22.58	22.66	23.20		
	50	LOW	Q16	21.22	21.28	21.21	22.20		
		MID	Q16	21.40	21.35	21.24	22.20		
		HIGH	Q16	21.36	21.30	21.24	22.20		
100	LOW	Q16	21.34	21.27	21.25	22.20			
20	1	LOW	64QAM	21.64	21.66	21.53	22.20		
		MID	64QAM	21.98	21.55	21.65	22.20		
		HIGH	64QAM	21.96	21.55	21.60	22.20		
	50	LOW	64QAM	20.11	20.29	20.06	21.20		
		MID	64QAM	20.46	20.26	20.23	21.20		
		HIGH	64QAM	20.34	20.24	20.27	21.20		
100	LOW	64QAM	20.35	20.23	20.35	21.20			

LTE B66-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.86	16.00	15.83	17.20
		MID	QPSK	15.90	16.27	16.19	17.20
		HIGH	QPSK	16.22	16.13	15.99	17.20
	3	LOW	QPSK	15.98	16.06	15.97	17.20
		MID	QPSK	16.21	16.20	16.14	17.20
		HIGH	QPSK	16.02	16.16	16.09	17.20
	6	LOW	QPSK	16.11	16.12	16.16	17.20
1.4	1	LOW	Q16	15.97	16.44	16.27	17.20
		MID	Q16	16.17	16.42	16.48	17.20
		HIGH	Q16	16.48	16.40	16.48	17.20
	3	LOW	Q16	15.79	16.01	16.21	17.20
		MID	Q16	16.10	16.02	16.19	17.20
		HIGH	Q16	16.06	16.17	16.00	17.20
	6	LOW	Q16	16.07	16.09	16.07	17.20
1.4	1	LOW	64QAM	15.82	16.39	16.13	17.20
		MID	64QAM	16.34	16.52	16.46	17.20
		HIGH	64QAM	16.48	16.43	16.43	17.20
	3	LOW	64QAM	15.80	16.28	15.92	17.20
		MID	64QAM	16.17	16.14	16.18	17.20
		HIGH	64QAM	16.07	15.97	15.96	17.20
	6	LOW	64QAM	16.20	16.09	15.95	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	15.96	15.96	15.87	17.20
		MID	QPSK	15.96	16.23	16.07	17.20
		HIGH	QPSK	16.03	16.08	15.90	17.20
	8	LOW	QPSK	15.96	16.03	16.03	17.20
		MID	QPSK	16.06	16.22	15.99	17.20
		HIGH	QPSK	16.20	16.06	16.22	17.20
15	LOW	QPSK	16.21	15.95	16.16	17.20	
3	1	LOW	Q16	16.21	16.44	16.26	17.20
		MID	Q16	16.36	16.62	16.50	17.20
		HIGH	Q16	16.50	16.31	16.37	17.20
	8	LOW	Q16	15.80	16.02	15.99	17.20
		MID	Q16	16.24	16.15	16.11	17.20
		HIGH	Q16	16.11	16.09	16.03	17.20
15	LOW	Q16	16.22	15.95	16.12	17.20	
3	1	LOW	64QAM	16.20	16.31	16.27	17.20
		MID	64QAM	16.25	16.65	16.34	17.20
		HIGH	64QAM	16.45	16.20	16.38	17.20
	8	LOW	64QAM	15.80	16.06	16.16	17.20
		MID	64QAM	16.05	15.99	16.16	17.20
		HIGH	64QAM	16.16	15.95	16.20	17.20
	15	LOW	64QAM	16.03	16.12	16.03	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	15.95	15.87	16.06	17.20
		MID	QPSK	16.18	16.19	15.99	17.20
		HIGH	QPSK	16.00	15.94	16.11	17.20
	12	LOW	QPSK	16.13	16.10	15.97	17.20
		MID	QPSK	16.16	16.25	16.00	17.20
		HIGH	QPSK	16.29	16.15	16.04	17.20
25	LOW	QPSK	16.18	16.00	16.01	17.20	
5	1	LOW	Q16	16.18	16.19	16.49	17.20
		MID	Q16	16.53	16.60	16.23	17.20
		HIGH	Q16	16.14	16.23	16.48	17.20
	12	LOW	Q16	16.07	16.25	16.10	17.20
		MID	Q16	16.10	16.09	16.00	17.20
		HIGH	Q16	15.98	16.15	16.10	17.20
25	LOW	Q16	16.14	16.22	16.00	17.20	
5	1	LOW	64QAM	16.22	16.14	16.52	17.20
		MID	64QAM	16.48	16.69	16.18	17.20
		HIGH	64QAM	16.36	16.26	16.54	17.20
	12	LOW	64QAM	16.01	16.25	16.05	17.20
		MID	64QAM	16.04	16.06	16.01	17.20
		HIGH	64QAM	16.21	15.96	16.01	17.20
	25	LOW	64QAM	16.25	15.97	16.07	17.20

LTE B66-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	15.78	15.90	16.06	17.20
		MID	QPSK	16.09	16.03	15.94	17.20
		HIGH	QPSK	16.24	16.14	15.87	17.20
	25	LOW	QPSK	16.09	16.24	16.15	17.20
		MID	QPSK	16.22	16.17	16.12	17.20
		HIGH	QPSK	16.11	16.28	16.08	17.20
	50	LOW	QPSK	16.03	16.17	15.95	17.20
10	1	LOW	Q16	16.04	16.18	16.39	17.20
		MID	Q16	16.30	16.19	16.42	17.20
		HIGH	Q16	16.61	16.59	16.32	17.20
	25	LOW	Q16	15.94	16.22	15.99	17.20
		MID	Q16	16.06	16.25	16.25	17.20
		HIGH	Q16	16.22	16.10	16.00	17.20
	50	LOW	Q16	16.24	16.22	16.16	17.20
10	1	LOW	64QAM	15.95	16.05	16.25	17.20
		MID	64QAM	16.42	16.05	16.37	17.20
		HIGH	64QAM	16.51	16.49	16.27	17.20
	25	LOW	64QAM	15.93	16.26	16.11	17.20
		MID	64QAM	16.24	16.09	15.96	17.20
		HIGH	64QAM	16.01	16.10	16.03	17.20
	50	LOW	64QAM	16.22	16.16	16.14	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	15.89	16.10	15.98	17.20
		MID	QPSK	16.03	16.10	15.92	17.20
		HIGH	QPSK	15.97	16.12	16.08	17.20
	36	LOW	QPSK	15.96	16.27	16.15	17.20
		MID	QPSK	16.23	16.23	16.22	17.20
		HIGH	QPSK	16.15	16.08	15.97	17.20
15	75	LOW	QPSK	16.13	16.14	16.06	17.20
15	1	LOW	Q16	16.29	16.47	16.43	17.20
		MID	Q16	16.35	16.60	16.33	17.20
		HIGH	Q16	16.40	16.45	16.30	17.20
	36	LOW	Q16	15.95	16.00	15.99	17.20
		MID	Q16	16.28	16.06	16.23	17.20
		HIGH	Q16	16.08	16.10	16.07	17.20
	75	LOW	Q16	16.22	16.18	16.02	17.20
15	1	LOW	64QAM	16.23	16.45	16.25	17.20
		MID	64QAM	16.37	16.49	16.25	17.20
		HIGH	64QAM	16.40	16.42	16.54	17.20
	36	LOW	64QAM	16.02	16.13	16.09	17.20
		MID	64QAM	16.12	16.23	16.16	17.20
		HIGH	64QAM	16.24	16.24	16.03	17.20
15	75	LOW	64QAM	15.99	16.10	15.99	17.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	15.92	16.02	15.94	17.20
		MID	QPSK	16.03	16.12	16.05	17.20
		HIGH	QPSK	16.10	16.04	16.02	17.20
	50	LOW	QPSK	16.01	16.14	16.06	17.20
		MID	QPSK	16.14	16.10	16.09	17.20
		HIGH	QPSK	16.14	16.13	16.09	17.20
20	100	LOW	QPSK	16.13	16.10	16.07	17.20
20	1	LOW	Q16	16.33	16.34	16.37	17.20
		MID	Q16	16.42	16.43	16.47	17.20
		HIGH	Q16	16.50	16.20	16.39	17.20
	50	LOW	Q16	15.94	16.13	16.07	17.20
		MID	Q16	16.13	16.10	16.10	17.20
		HIGH	Q16	16.13	16.09	16.08	17.20
	100	LOW	Q16	16.11	16.10	16.08	17.20
20	1	LOW	64QAM	16.36	16.49	16.23	17.20
		MID	64QAM	16.30	16.30	16.35	17.20
		HIGH	64QAM	16.49	16.14	16.44	17.20
	50	LOW	64QAM	15.93	16.05	15.97	17.20
		MID	64QAM	16.17	16.23	15.95	17.20
		HIGH	64QAM	16.08	16.22	16.02	17.20
20	100	LOW	64QAM	16.20	15.95	16.00	17.20

LTE B66-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.89	15.09	15.11	16.20
		MID	QPSK	15.11	15.25	14.99	16.20
		HIGH	QPSK	15.26	15.16	15.13	16.20
	3	LOW	QPSK	15.05	15.11	15.15	16.20
		MID	QPSK	15.06	15.21	15.20	16.20
		HIGH	QPSK	15.08	15.16	15.07	16.20
	6	LOW	QPSK	15.00	15.25	15.18	16.20
1.4	1	LOW	Q16	15.27	15.45	15.51	16.20
		MID	Q16	15.46	15.70	15.40	16.20
		HIGH	Q16	15.62	15.49	15.44	16.20
	3	LOW	Q16	14.96	15.19	15.13	16.20
		MID	Q16	15.22	15.27	15.09	16.20
		HIGH	Q16	15.25	15.16	15.15	16.20
	6	LOW	Q16	15.23	15.24	15.13	16.20
1.4	1	LOW	64QAM	15.27	15.36	15.48	16.20
		MID	64QAM	15.44	15.72	15.30	16.20
		HIGH	64QAM	15.59	15.62	15.52	16.20
	3	LOW	64QAM	15.10	15.05	15.15	16.20
		MID	64QAM	15.03	15.07	15.14	16.20
		HIGH	64QAM	15.25	15.02	15.22	16.20
	6	LOW	64QAM	14.99	15.02	15.00	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	15.05	15.00	14.90	16.20
		MID	QPSK	14.94	15.07	15.25	16.20
		HIGH	QPSK	14.99	15.06	14.97	16.20
	8	LOW	QPSK	14.99	15.00	15.06	16.20
		MID	QPSK	15.28	15.11	15.00	16.20
		HIGH	QPSK	15.25	15.20	14.98	16.20
3	15	LOW	QPSK	15.02	15.27	15.26	16.20
3	1	LOW	Q16	15.45	15.48	15.32	16.20
		MID	Q16	15.40	15.26	15.38	16.20
		HIGH	Q16	15.38	15.54	15.36	16.20
	8	LOW	Q16	15.11	15.07	15.17	16.20
		MID	Q16	15.28	15.10	15.13	16.20
		HIGH	Q16	15.12	15.05	15.04	16.20
	15	LOW	Q16	15.21	15.19	14.99	16.20
3	1	LOW	64QAM	15.37	15.46	15.32	16.20
		MID	64QAM	15.35	15.31	15.62	16.20
		HIGH	64QAM	15.49	15.39	15.35	16.20
	8	LOW	64QAM	14.89	15.19	15.12	16.20
		MID	64QAM	15.29	15.32	15.06	16.20
		HIGH	64QAM	15.29	15.20	15.08	16.20
3	15	LOW	64QAM	15.13	15.13	14.96	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	14.99	15.15	15.04	16.20
		MID	QPSK	15.02	15.07	14.97	16.20
		HIGH	QPSK	14.99	15.13	15.04	16.20
	12	LOW	QPSK	15.12	15.28	15.11	16.20
		MID	QPSK	15.17	15.01	15.11	16.20
		HIGH	QPSK	15.03	15.11	15.16	16.20
5	25	LOW	QPSK	15.09	15.22	15.02	16.20
5	1	LOW	Q16	15.22	15.61	15.45	16.20
		MID	Q16	15.37	15.54	15.42	16.20
		HIGH	Q16	15.49	15.31	15.49	16.20
	12	LOW	Q16	15.14	15.09	15.01	16.20
		MID	Q16	15.15	15.15	15.16	16.20
		HIGH	Q16	15.07	15.24	15.08	16.20
	25	LOW	Q16	15.23	15.17	15.13	16.20
5	1	LOW	64QAM	15.31	15.59	15.40	16.20
		MID	64QAM	15.36	15.56	15.36	16.20
		HIGH	64QAM	15.39	15.36	15.42	16.20
	12	LOW	64QAM	14.88	15.26	15.07	16.20
		MID	64QAM	15.02	15.06	15.03	16.20
		HIGH	64QAM	15.08	14.99	15.21	16.20
	25	LOW	64QAM	15.02	15.05	14.99	16.20

LTE B66-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	14.93	15.01	14.95	16.20
		MID	QPSK	14.97	15.23	14.97	16.20
		HIGH	QPSK	15.12	14.93	15.18	16.20
	25	LOW	QPSK	15.05	15.08	14.95	16.20
		MID	QPSK	15.02	15.06	15.12	16.20
		HIGH	QPSK	15.18	14.99	15.04	16.20
	50	LOW	QPSK	14.99	14.97	15.12	16.20
10	1	LOW	Q16	15.36	15.41	15.40	16.20
		MID	Q16	15.32	15.73	15.34	16.20
		HIGH	Q16	15.40	15.39	15.48	16.20
	25	LOW	Q16	14.93	15.26	15.16	16.20
		MID	Q16	15.13	15.20	15.10	16.20
		HIGH	Q16	15.06	15.23	15.06	16.20
	50	LOW	Q16	15.11	15.23	14.96	16.20
10	1	LOW	64QAM	15.32	15.51	15.29	16.20
		MID	64QAM	15.42	15.65	15.33	16.20
		HIGH	64QAM	15.40	15.43	15.42	16.20
	25	LOW	64QAM	15.09	15.06	14.96	16.20
		MID	64QAM	15.08	15.06	15.06	16.20
		HIGH	64QAM	15.21	15.09	15.01	16.20
	50	LOW	64QAM	15.26	15.08	15.19	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	14.99	15.19	14.92	16.20
		MID	QPSK	15.09	15.02	15.24	16.20
		HIGH	QPSK	15.05	15.05	14.96	16.20
	36	LOW	QPSK	14.87	15.12	15.11	16.20
		MID	QPSK	15.24	15.28	15.24	16.20
		HIGH	QPSK	15.28	14.95	15.03	16.20
15	75	LOW	QPSK	15.23	15.01	14.99	16.20
15	1	LOW	Q16	15.29	15.63	15.42	16.20
		MID	Q16	15.55	15.26	15.66	16.20
		HIGH	Q16	15.49	15.20	15.46	16.20
	36	LOW	Q16	14.89	15.05	15.13	16.20
		MID	Q16	15.20	15.19	15.08	16.20
		HIGH	Q16	15.00	15.22	15.25	16.20
15	75	LOW	Q16	14.99	15.04	15.23	16.20
15	1	LOW	64QAM	15.22	15.49	15.26	16.20
		MID	64QAM	15.56	15.38	15.60	16.20
		HIGH	64QAM	15.43	15.34	15.44	16.20
	36	LOW	64QAM	14.95	15.26	14.99	16.20
		MID	64QAM	15.16	15.31	15.02	16.20
		HIGH	64QAM	15.06	15.22	15.15	16.20
15	75	LOW	64QAM	15.15	15.09	15.09	16.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	14.94	15.05	14.96	16.20
		MID	QPSK	15.05	15.13	15.10	16.20
		HIGH	QPSK	15.12	15.05	15.07	16.20
	50	LOW	QPSK	15.02	15.15	15.08	16.20
		MID	QPSK	15.17	15.18	15.15	16.20
		HIGH	QPSK	15.17	15.10	15.12	16.20
20	100	LOW	QPSK	15.12	15.12	15.11	16.20
20	1	LOW	Q16	15.33	15.37	15.40	16.20
		MID	Q16	15.47	15.52	15.52	16.20
		HIGH	Q16	15.52	15.49	15.50	16.20
	50	LOW	Q16	15.00	15.13	15.07	16.20
		MID	Q16	15.16	15.18	15.13	16.20
		HIGH	Q16	15.15	15.12	15.12	16.20
20	100	LOW	Q16	15.11	15.13	15.09	16.20
20	1	LOW	64QAM	15.37	15.52	15.34	16.20
		MID	64QAM	15.54	15.37	15.37	16.20
		HIGH	64QAM	15.37	15.39	15.53	16.20
	50	LOW	64QAM	14.93	15.01	15.03	16.20
		MID	64QAM	15.13	15.32	15.13	16.20
		HIGH	64QAM	15.22	15.24	15.20	16.20
20	100	LOW	64QAM	15.02	15.00	15.03	16.20

LTE B66-Level4-off -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)		
1.4	1	LOW	QPSK	23.16	23.18	23.22	24.20		
		MID	QPSK	23.17	23.17	23.24	24.20		
		HIGH	QPSK	23.18	23.19	23.23	24.20		
	3	LOW	QPSK	23.29	23.26	23.34	24.20		
		MID	QPSK	23.33	23.23	23.39	24.20		
		HIGH	QPSK	23.30	23.22	23.33	24.20		
	6	LOW	QPSK	22.32	22.29	22.37	23.20		
1.4	1	LOW	Q16	22.37	22.66	22.26	23.20		
		MID	Q16	22.39	22.61	22.26	23.20		
		HIGH	Q16	22.40	22.63	22.29	23.20		
	3	LOW	Q16	22.34	22.46	22.45	23.20		
		MID	Q16	22.33	22.42	22.44	23.20		
		HIGH	Q16	22.35	22.42	22.43	23.20		
	6	LOW	Q16	21.46	21.16	21.46	22.20		
1.4	1	LOW	64QAM	21.35	21.59	21.27	22.20		
		MID	64QAM	21.37	21.72	21.18	22.20		
		HIGH	64QAM	21.33	21.49	21.24	22.20		
	3	LOW	64QAM	21.27	21.43	21.57	22.20		
		MID	64QAM	21.18	21.56	21.35	22.20		
		HIGH	64QAM	21.27	21.57	21.38	22.20		
	6	LOW	64QAM	20.46	20.24	20.44	21.20		
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)		
3	1	LOW	QPSK	23.35	23.22	23.21	24.20		
		MID	QPSK	23.34	23.24	23.24	24.20		
		HIGH	QPSK	23.34	23.21	23.25	24.20		
	8	LOW	QPSK	22.26	22.28	22.29	23.20		
		MID	QPSK	22.29	22.25	22.32	23.20		
		HIGH	QPSK	22.29	22.25	22.29	23.20		
3	15	LOW	QPSK	22.30	22.25	22.31	23.20		
		1	LOW	Q16	22.22	22.62	22.26	23.20	
			MID	Q16	22.25	22.65	22.27	23.20	
	HIGH		Q16	22.24	22.63	22.26	23.20		
	8	LOW	Q16	21.46	21.37	21.31	22.20		
		MID	Q16	21.41	21.33	21.36	22.20		
HIGH		Q16	21.45	21.36	21.35	22.20			
3	15	LOW	Q16	21.35	21.30	21.26	22.20		
		1	LOW	64QAM	21.12	21.76	21.12	22.20	
			MID	64QAM	21.12	21.62	21.14	22.20	
	HIGH		64QAM	21.16	21.60	21.33	22.20		
	8	LOW	64QAM	20.57	20.49	20.46	21.20		
		MID	64QAM	20.38	20.37	20.33	21.20		
HIGH		64QAM	20.36	20.39	20.49	21.20			
3	15	LOW	64QAM	20.42	20.26	20.20	21.20		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
		5	1	LOW	QPSK	23.49	23.27	23.28	24.20
	MID			QPSK	23.53	23.25	23.29	24.20	
	HIGH			QPSK	23.57	23.30	23.36	24.20	
	12		LOW	QPSK	22.31	22.31	22.30	23.20	
MID			QPSK	22.32	22.24	22.30	23.20		
HIGH			QPSK	22.33	22.28	22.28	23.20		
5	25	LOW	QPSK	22.35	22.26	22.28	23.20		
		1	LOW	Q16	22.64	22.84	22.26	23.20	
			MID	Q16	22.65	22.87	22.29	23.20	
	HIGH		Q16	22.68	22.88	22.30	23.20		
	12	LOW	Q16	21.33	21.44	21.39	22.20		
		MID	Q16	21.40	21.38	21.37	22.20		
HIGH		Q16	21.42	21.35	21.30	22.20			
5	25	LOW	Q16	21.36	21.37	21.26	22.20		
		1	LOW	64QAM	21.59	21.91	21.18	22.20	
			MID	64QAM	21.78	21.91	21.30	22.20	
	HIGH		64QAM	21.77	21.80	21.32	22.20		
	12	LOW	64QAM	20.22	20.37	20.34	21.20		
		MID	64QAM	20.32	20.46	20.31	21.20		
HIGH		64QAM	20.51	20.37	20.19	21.20			
5	25	LOW	64QAM	20.28	20.44	20.28	21.20		

LTE B66-Level4-off -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)	
10	1	LOW	QPSK	23.32	23.26	23.14	24.20	
		MID	QPSK	23.41	23.29	23.26	24.20	
		HIGH	QPSK	23.45	23.26	23.28	24.20	
	25	LOW	QPSK	22.27	22.27	22.25	23.20	
		MID	QPSK	22.36	22.28	22.28	23.20	
		HIGH	QPSK	22.43	22.32	22.28	23.20	
	50	LOW	QPSK	22.38	22.36	22.30	23.20	
10	1	LOW	Q16	22.18	22.62	22.14	23.20	
		MID	Q16	22.23	22.64	22.20	23.20	
		HIGH	Q16	22.27	22.63	22.26	23.20	
	25	LOW	Q16	21.30	21.36	21.36	22.20	
		MID	Q16	21.42	21.32	21.38	22.20	
		HIGH	Q16	21.45	21.40	21.37	22.20	
	50	LOW	Q16	21.38	21.35	21.31	22.20	
10	1	LOW	64QAM	21.21	21.50	21.20	22.20	
		MID	64QAM	21.32	21.69	21.24	22.20	
		HIGH	64QAM	21.37	21.52	21.16	22.20	
	25	LOW	64QAM	20.21	20.35	20.36	21.20	
		MID	64QAM	20.28	20.26	20.28	21.20	
		HIGH	64QAM	20.42	20.48	20.29	21.20	
	50	LOW	64QAM	20.47	20.37	20.28	21.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)	
15	1	LOW	QPSK	23.24	23.23	23.06	24.20	
		MID	QPSK	23.43	23.28	23.21	24.20	
		HIGH	QPSK	23.32	23.21	23.21	24.20	
	36	LOW	QPSK	22.21	22.26	22.22	23.20	
		MID	QPSK	22.29	22.30	22.27	23.20	
		HIGH	QPSK	22.39	22.28	22.29	23.20	
15	75	LOW	QPSK	22.31	22.26	22.24	23.20	
		1	LOW	Q16	22.11	22.60	22.46	23.20
			MID	Q16	22.30	22.66	22.57	23.20
	HIGH		Q16	22.19	22.60	22.56	23.20	
	36	LOW	Q16	21.25	21.31	21.22	22.20	
		MID	Q16	21.35	21.38	21.26	22.20	
HIGH		Q16	21.37	21.36	21.28	22.20		
15	75	LOW	Q16	21.31	21.28	21.26	22.20	
		1	LOW	64QAM	20.96	21.63	21.60	22.20
			MID	64QAM	21.34	21.60	21.54	22.20
	HIGH		64QAM	21.14	21.70	21.70	22.20	
	36	LOW	64QAM	20.15	20.22	20.16	21.20	
		MID	64QAM	20.43	20.24	20.24	21.20	
HIGH		64QAM	20.26	20.45	20.23	21.20		
75	LOW	64QAM	20.42	20.28	20.25	21.20		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)	
20	1	LOW	QPSK	23.10	23.18	23.04	24.20	
		MID	QPSK	23.34	23.32	23.18	24.20	
		HIGH	QPSK	23.27	23.23	23.19	24.20	
	50	LOW	QPSK	22.21	22.27	22.26	23.20	
		MID	QPSK	22.38	22.33	22.28	23.20	
		HIGH	QPSK	22.33	22.33	22.28	23.20	
100	LOW	QPSK	22.34	22.28	22.25	23.20		
20	1	LOW	Q16	22.78	22.56	22.49	23.20	
		MID	Q16	22.98	22.68	22.62	23.20	
		HIGH	Q16	22.87	22.58	22.66	23.20	
	50	LOW	Q16	21.22	21.28	21.21	22.20	
		MID	Q16	21.40	21.35	21.24	22.20	
		HIGH	Q16	21.36	21.30	21.24	22.20	
100	LOW	Q16	21.34	21.27	21.25	22.20		
20	1	LOW	64QAM	21.64	21.66	21.53	22.20	
		MID	64QAM	21.98	21.55	21.65	22.20	
		HIGH	64QAM	21.96	21.55	21.60	22.20	
	50	LOW	64QAM	20.11	20.29	20.06	21.20	
		MID	64QAM	20.46	20.26	20.23	21.20	
		HIGH	64QAM	20.34	20.24	20.27	21.20	
100	LOW	64QAM	20.35	20.23	20.35	21.20		

LTE B66-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.56	19.63	19.58	21.20
		MID	QPSK	19.53	19.87	19.81	21.20
		HIGH	QPSK	19.75	19.63	19.52	21.20
	3	LOW	QPSK	19.51	19.69	19.72	21.20
		MID	QPSK	19.88	19.85	19.62	21.20
		HIGH	QPSK	19.76	19.61	19.72	21.20
	6	LOW	QPSK	19.63	19.86	19.82	21.20
1.4	1	LOW	Q16	19.93	20.03	20.00	21.20
		MID	Q16	19.80	20.21	19.92	21.20
		HIGH	Q16	20.19	20.00	19.83	21.20
	3	LOW	Q16	19.72	19.91	19.65	21.20
		MID	Q16	19.89	19.82	19.79	21.20
		HIGH	Q16	19.79	19.87	19.64	21.20
	6	LOW	Q16	19.79	19.67	19.59	21.20
1.4	1	LOW	64QAM	19.85	20.13	19.94	21.20
		MID	64QAM	19.90	20.16	20.19	21.20
		HIGH	64QAM	20.22	20.08	19.74	21.20
	3	LOW	64QAM	19.57	19.65	19.62	21.20
		MID	64QAM	19.67	19.87	19.86	21.20
		HIGH	64QAM	19.74	19.79	19.71	21.20
	6	LOW	64QAM	19.95	19.62	19.82	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.79	19.75	19.54	21.20
		MID	QPSK	19.71	19.71	19.64	21.20
		HIGH	QPSK	19.83	19.76	19.47	21.20
	8	LOW	QPSK	19.54	19.77	19.81	21.20
		MID	QPSK	19.82	19.68	19.79	21.20
		HIGH	QPSK	19.93	19.66	19.63	21.20
3	15	LOW	QPSK	19.88	19.82	19.85	21.20
3	1	LOW	Q16	20.21	20.12	19.76	21.20
		MID	Q16	20.02	20.12	20.00	21.20
		HIGH	Q16	19.99	20.23	19.74	21.20
	8	LOW	Q16	19.74	19.70	19.52	21.20
		MID	Q16	19.96	19.87	19.89	21.20
		HIGH	Q16	19.93	19.62	19.62	21.20
	15	LOW	Q16	19.71	19.72	19.70	21.20
3	1	LOW	64QAM	20.18	20.24	19.97	21.20
		MID	64QAM	19.96	20.21	19.94	21.20
		HIGH	64QAM	19.92	20.01	19.92	21.20
	8	LOW	64QAM	19.77	19.75	19.70	21.20
		MID	64QAM	19.68	19.90	19.70	21.20
		HIGH	64QAM	19.73	19.80	19.62	21.20
3	15	LOW	64QAM	19.72	19.71	19.83	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.68	19.57	19.57	21.20
		MID	QPSK	19.81	19.74	19.67	21.20
		HIGH	QPSK	19.87	19.71	19.48	21.20
	12	LOW	QPSK	19.56	19.90	19.61	21.20
		MID	QPSK	19.78	19.85	19.76	21.20
		HIGH	QPSK	19.67	19.87	19.63	21.20
5	25	LOW	QPSK	19.74	19.65	19.58	21.20
5	1	LOW	Q16	20.05	19.69	19.89	21.20
		MID	Q16	19.99	20.21	19.94	21.20
		HIGH	Q16	20.04	20.00	19.97	21.20
	12	LOW	Q16	19.62	19.84	19.62	21.20
		MID	Q16	19.88	19.85	19.71	21.20
		HIGH	Q16	19.88	19.75	19.67	21.20
	25	LOW	Q16	19.78	19.82	19.81	21.20
5	1	LOW	64QAM	20.01	19.57	19.98	21.20
		MID	64QAM	20.09	20.10	20.01	21.20
		HIGH	64QAM	20.19	20.00	19.97	21.20
	12	LOW	64QAM	19.76	19.89	19.79	21.20
		MID	64QAM	19.73	19.83	19.85	21.20
		HIGH	64QAM	19.92	19.81	19.60	21.20
5	25	LOW	64QAM	19.70	19.59	19.70	21.20

LTE B66-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.50	19.72	19.46	21.20
		MID	QPSK	19.57	19.77	19.79	21.20
		HIGH	QPSK	19.62	19.85	19.67	21.20
	25	LOW	QPSK	19.76	19.86	19.75	21.20
		MID	QPSK	19.70	19.66	19.69	21.20
		HIGH	QPSK	19.65	19.72	19.62	21.20
	50	LOW	QPSK	19.75	19.57	19.71	21.20
10	1	LOW	Q16	19.98	20.11	19.94	21.20
		MID	Q16	20.03	19.86	19.93	21.20
		HIGH	Q16	20.06	20.08	20.13	21.20
	25	LOW	Q16	19.59	19.87	19.77	21.20
		MID	Q16	19.97	19.68	19.77	21.20
		HIGH	Q16	19.95	19.74	19.74	21.20
	50	LOW	Q16	19.69	19.64	19.74	21.20
10	1	LOW	64QAM	19.88	20.11	19.83	21.20
		MID	64QAM	20.04	20.12	20.22	21.20
		HIGH	64QAM	20.01	20.09	20.02	21.20
	25	LOW	64QAM	19.69	19.64	19.67	21.20
		MID	64QAM	19.83	19.65	19.69	21.20
		HIGH	64QAM	19.94	19.67	19.62	21.20
	50	LOW	64QAM	19.78	19.80	19.66	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.52	19.61	19.51	21.20
		MID	QPSK	19.55	19.70	19.67	21.20
		HIGH	QPSK	19.79	19.75	19.61	21.20
	36	LOW	QPSK	19.60	19.65	19.74	21.20
		MID	QPSK	19.72	19.80	19.61	21.20
		HIGH	QPSK	19.81	19.81	19.74	21.20
75	LOW	QPSK	19.84	19.57	19.57	21.20	
15	1	LOW	Q16	19.71	20.08	19.87	21.20
		MID	Q16	20.04	20.06	19.98	21.20
		HIGH	Q16	20.29	20.07	20.05	21.20
	36	LOW	Q16	19.77	19.69	19.76	21.20
		MID	Q16	19.91	19.75	19.62	21.20
		HIGH	Q16	19.87	19.72	19.65	21.20
75	LOW	Q16	19.76	19.66	19.66	21.20	
15	1	LOW	64QAM	19.69	19.94	19.87	21.20
		MID	64QAM	20.00	20.07	20.01	21.20
		HIGH	64QAM	20.22	20.20	20.08	21.20
	36	LOW	64QAM	19.82	19.71	19.51	21.20
		MID	64QAM	19.94	19.83	19.69	21.20
		HIGH	64QAM	19.93	19.85	19.73	21.20
	75	LOW	64QAM	19.72	19.71	19.83	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.65	19.71	19.51	21.20
		MID	QPSK	19.67	19.71	19.66	21.20
		HIGH	QPSK	19.73	19.72	19.62	21.20
	50	LOW	QPSK	19.65	19.76	19.66	21.20
		MID	QPSK	19.80	19.81	19.75	21.20
		HIGH	QPSK	19.79	19.75	19.76	21.20
100	LOW	QPSK	19.78	19.72	19.72	21.20	
20	1	LOW	Q16	20.14	20.13	19.95	21.20
		MID	Q16	20.11	20.21	20.07	21.20
		HIGH	Q16	19.94	20.14	20.06	21.20
	50	LOW	Q16	19.67	19.78	19.66	21.20
		MID	Q16	19.82	19.75	19.74	21.20
		HIGH	Q16	19.80	19.72	19.69	21.20
100	LOW	Q16	19.80	19.72	19.69	21.20	
20	1	LOW	64QAM	20.08	20.01	20.00	21.20
		MID	64QAM	20.08	20.24	19.95	21.20
		HIGH	64QAM	20.22	20.19	19.91	21.20
	50	LOW	64QAM	19.72	19.89	19.74	21.20
		MID	64QAM	19.82	19.88	19.68	21.20
		HIGH	64QAM	19.82	19.59	19.60	21.20
	100	LOW	64QAM	19.90	19.60	19.76	21.20

LTE B66-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.16	23.18	23.22	24.20
		MID	QPSK	23.17	23.17	23.24	24.20
		HIGH	QPSK	23.18	23.19	23.23	24.20
	3	LOW	QPSK	23.29	23.26	23.34	24.20
		MID	QPSK	23.33	23.23	23.39	24.20
		HIGH	QPSK	23.30	23.22	23.33	24.20
	6	LOW	QPSK	22.32	22.29	22.37	23.20
1.4	1	LOW	Q16	22.37	22.66	22.26	23.20
		MID	Q16	22.39	22.61	22.26	23.20
		HIGH	Q16	22.40	22.63	22.29	23.20
	3	LOW	Q16	22.34	22.46	22.45	23.20
		MID	Q16	22.33	22.42	22.44	23.20
		HIGH	Q16	22.35	22.42	22.43	23.20
	6	LOW	Q16	21.46	21.16	21.46	22.20
1.4	1	LOW	64QAM	21.35	21.59	21.27	22.20
		MID	64QAM	21.37	21.72	21.18	22.20
		HIGH	64QAM	21.33	21.49	21.24	22.20
	3	LOW	64QAM	21.27	21.43	21.57	22.20
		MID	64QAM	21.18	21.56	21.35	22.20
		HIGH	64QAM	21.27	21.57	21.38	22.20
	6	LOW	64QAM	20.46	20.24	20.44	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.35	23.22	23.21	24.20
		MID	QPSK	23.34	23.24	23.24	24.20
		HIGH	QPSK	23.34	23.21	23.25	24.20
	8	LOW	QPSK	22.26	22.28	22.29	23.20
		MID	QPSK	22.29	22.25	22.32	23.20
		HIGH	QPSK	22.29	22.25	22.29	23.20
3	15	LOW	QPSK	22.30	22.25	22.31	23.20
3	1	LOW	Q16	22.22	22.62	22.26	23.20
		MID	Q16	22.25	22.65	22.27	23.20
		HIGH	Q16	22.24	22.63	22.26	23.20
	8	LOW	Q16	21.46	21.37	21.31	22.20
		MID	Q16	21.41	21.33	21.36	22.20
		HIGH	Q16	21.45	21.36	21.35	22.20
	15	LOW	Q16	21.35	21.30	21.26	22.20
3	1	LOW	64QAM	21.12	21.76	21.12	22.20
		MID	64QAM	21.12	21.62	21.14	22.20
		HIGH	64QAM	21.16	21.60	21.33	22.20
	8	LOW	64QAM	20.57	20.49	20.46	21.20
		MID	64QAM	20.38	20.37	20.33	21.20
		HIGH	64QAM	20.36	20.39	20.49	21.20
	15	LOW	64QAM	20.42	20.26	20.20	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.49	23.27	23.28	24.20
		MID	QPSK	23.53	23.25	23.29	24.20
		HIGH	QPSK	23.57	23.30	23.36	24.20
	12	LOW	QPSK	22.31	22.31	22.30	23.20
		MID	QPSK	22.32	22.24	22.30	23.20
		HIGH	QPSK	22.33	22.28	22.28	23.20
5	25	LOW	QPSK	22.35	22.26	22.28	23.20
5	1	LOW	Q16	22.64	22.84	22.26	23.20
		MID	Q16	22.65	22.87	22.29	23.20
		HIGH	Q16	22.68	22.88	22.30	23.20
	12	LOW	Q16	21.33	21.44	21.39	22.20
		MID	Q16	21.40	21.38	21.37	22.20
		HIGH	Q16	21.42	21.35	21.30	22.20
	25	LOW	Q16	21.36	21.37	21.26	22.20
5	1	LOW	64QAM	21.59	21.91	21.18	22.20
		MID	64QAM	21.78	21.91	21.30	22.20
		HIGH	64QAM	21.77	21.80	21.32	22.20
	12	LOW	64QAM	20.22	20.37	20.34	21.20
		MID	64QAM	20.32	20.46	20.31	21.20
		HIGH	64QAM	20.51	20.37	20.19	21.20
	25	LOW	64QAM	20.28	20.44	20.28	21.20

LTE B66-Level5&6-off -Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)	
10	1	LOW	QPSK	23.32	23.26	23.14	24.20	
		MID	QPSK	23.41	23.29	23.26	24.20	
		HIGH	QPSK	23.45	23.26	23.28	24.20	
	25	LOW	QPSK	22.27	22.27	22.25	23.20	
		MID	QPSK	22.36	22.28	22.28	23.20	
		HIGH	QPSK	22.43	22.32	22.28	23.20	
	50	LOW	QPSK	22.38	22.36	22.30	23.20	
10	1	LOW	Q16	22.18	22.62	22.14	23.20	
		MID	Q16	22.23	22.64	22.20	23.20	
		HIGH	Q16	22.27	22.63	22.26	23.20	
	25	LOW	Q16	21.30	21.36	21.36	22.20	
		MID	Q16	21.42	21.32	21.38	22.20	
		HIGH	Q16	21.45	21.40	21.37	22.20	
	50	LOW	Q16	21.38	21.35	21.31	22.20	
10	1	LOW	64QAM	21.21	21.50	21.20	22.20	
		MID	64QAM	21.32	21.69	21.24	22.20	
		HIGH	64QAM	21.37	21.52	21.16	22.20	
	25	LOW	64QAM	20.21	20.35	20.36	21.20	
		MID	64QAM	20.28	20.26	20.28	21.20	
		HIGH	64QAM	20.42	20.48	20.29	21.20	
	50	LOW	64QAM	20.47	20.37	20.28	21.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)	
15	1	LOW	QPSK	23.24	23.23	23.06	24.20	
		MID	QPSK	23.43	23.28	23.21	24.20	
		HIGH	QPSK	23.32	23.21	23.21	24.20	
	36	LOW	QPSK	22.21	22.26	22.22	23.20	
		MID	QPSK	22.29	22.30	22.27	23.20	
		HIGH	QPSK	22.39	22.28	22.29	23.20	
15	75	LOW	QPSK	22.31	22.26	22.24	23.20	
		1	LOW	Q16	22.11	22.60	22.46	23.20
			MID	Q16	22.30	22.66	22.57	23.20
	HIGH		Q16	22.19	22.60	22.56	23.20	
	36	LOW	Q16	21.25	21.31	21.22	22.20	
		MID	Q16	21.35	21.38	21.26	22.20	
HIGH		Q16	21.37	21.36	21.28	22.20		
15	75	LOW	Q16	21.31	21.28	21.26	22.20	
		1	LOW	64QAM	20.96	21.63	21.60	22.20
			MID	64QAM	21.34	21.60	21.54	22.20
	HIGH		64QAM	21.14	21.70	21.70	22.20	
	36	LOW	64QAM	20.15	20.22	20.16	21.20	
		MID	64QAM	20.43	20.24	20.24	21.20	
HIGH		64QAM	20.26	20.45	20.23	21.20		
75	LOW	64QAM	20.42	20.28	20.25	21.20		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)	
20	1	LOW	QPSK	23.10	23.18	23.04	24.20	
		MID	QPSK	23.34	23.32	23.18	24.20	
		HIGH	QPSK	23.27	23.23	23.19	24.20	
	50	LOW	QPSK	22.21	22.27	22.26	23.20	
		MID	QPSK	22.38	22.33	22.28	23.20	
		HIGH	QPSK	22.33	22.33	22.28	23.20	
100	LOW	QPSK	22.34	22.28	22.25	23.20		
20	1	LOW	Q16	22.78	22.56	22.49	23.20	
		MID	Q16	22.98	22.68	22.62	23.20	
		HIGH	Q16	22.87	22.58	22.66	23.20	
	50	LOW	Q16	21.22	21.28	21.21	22.20	
		MID	Q16	21.40	21.35	21.24	22.20	
		HIGH	Q16	21.36	21.30	21.24	22.20	
100	LOW	Q16	21.34	21.27	21.25	22.20		
20	1	LOW	64QAM	21.64	21.66	21.53	22.20	
		MID	64QAM	21.98	21.55	21.65	22.20	
		HIGH	64QAM	21.96	21.55	21.60	22.20	
	50	LOW	64QAM	20.11	20.29	20.06	21.20	
		MID	64QAM	20.46	20.26	20.23	21.20	
		HIGH	64QAM	20.34	20.24	20.27	21.20	
100	LOW	64QAM	20.35	20.23	20.35	21.20		

LTE B66-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.03	20.35	20.07	20.70
		MID	QPSK	20.19	20.31	20.06	20.70
		HIGH	QPSK	20.18	20.33	20.32	20.70
	3	LOW	QPSK	20.22	20.40	20.29	20.70
		MID	QPSK	20.36	20.17	20.39	20.70
		HIGH	QPSK	20.48	20.41	20.24	20.70
	6	LOW	QPSK	20.38	20.35	20.32	20.70
1.4	1	LOW	Q16	20.41	20.50	20.42	20.70
		MID	Q16	20.49	20.62	20.46	20.70
		HIGH	Q16	20.54	20.68	20.68	20.70
	3	LOW	Q16	20.17	20.40	20.17	20.70
		MID	Q16	20.47	20.34	20.27	20.70
		HIGH	Q16	20.50	20.27	20.16	20.70
	6	LOW	Q16	20.29	20.31	20.17	20.70
1.4	1	LOW	64QAM	19.83	19.59	19.51	20.70
		MID	64QAM	19.70	19.62	19.53	20.70
		HIGH	64QAM	19.80	19.56	19.58	20.70
	3	LOW	64QAM	19.16	19.47	19.13	20.70
		MID	64QAM	19.22	19.20	19.38	20.70
		HIGH	64QAM	19.29	19.14	19.24	20.70
	6	LOW	64QAM	19.41	19.13	19.18	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.06	20.23	20.15	20.70
		MID	QPSK	20.35	20.46	20.08	20.70
		HIGH	QPSK	20.30	20.29	20.12	20.70
	8	LOW	QPSK	20.34	20.35	20.33	20.70
		MID	QPSK	20.44	20.34	20.32	20.70
		HIGH	QPSK	20.25	20.31	20.35	20.70
15	LOW	QPSK	20.27	20.32	20.38	20.70	
3	1	LOW	Q16	20.45	20.53	20.44	20.70
		MID	Q16	20.69	20.67	20.55	20.70
		HIGH	Q16	20.45	20.51	20.47	20.70
	8	LOW	Q16	20.21	20.40	20.22	20.70
		MID	Q16	20.29	20.20	20.31	20.70
		HIGH	Q16	20.45	20.35	20.14	20.70
15	LOW	Q16	20.20	20.36	20.39	20.70	
3	1	LOW	64QAM	19.68	19.74	19.53	20.70
		MID	64QAM	19.69	19.69	19.67	20.70
		HIGH	64QAM	19.95	19.54	19.68	20.70
	8	LOW	64QAM	19.31	19.41	19.12	20.70
		MID	64QAM	19.41	19.33	19.27	20.70
		HIGH	64QAM	19.25	19.40	19.13	20.70
	15	LOW	64QAM	19.33	19.22	19.16	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.25	20.31	19.89	20.70
		MID	QPSK	20.38	20.18	20.15	20.70
		HIGH	QPSK	20.28	20.21	20.24	20.70
	12	LOW	QPSK	20.19	20.34	20.29	20.70
		MID	QPSK	20.44	20.35	20.32	20.70
		HIGH	QPSK	20.21	20.37	20.13	20.70
25	LOW	QPSK	20.20	20.15	20.37	20.70	
5	1	LOW	Q16	20.57	20.58	20.14	20.70
		MID	Q16	20.43	20.53	20.57	20.70
		HIGH	Q16	20.58	20.51	20.63	20.70
	12	LOW	Q16	20.24	20.33	20.03	20.70
		MID	Q16	20.29	20.33	20.21	20.70
		HIGH	Q16	20.43	20.24	20.10	20.70
25	LOW	Q16	20.22	20.39	20.34	20.70	
5	1	LOW	64QAM	19.66	19.51	19.31	20.70
		MID	64QAM	19.97	19.85	19.73	20.70
		HIGH	64QAM	19.74	19.62	19.53	20.70
	12	LOW	64QAM	19.33	19.36	19.32	20.70
		MID	64QAM	19.44	19.29	19.24	20.70
		HIGH	64QAM	19.30	19.25	19.32	20.70
	25	LOW	64QAM	19.48	19.31	19.34	20.70

LTE B66-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.03	20.09	19.98	20.70
		MID	QPSK	20.21	20.24	20.20	20.70
		HIGH	QPSK	20.18	20.25	20.18	20.70
	25	LOW	QPSK	20.13	20.30	20.32	20.70
		MID	QPSK	20.49	20.19	20.42	20.70
		HIGH	QPSK	20.22	20.26	20.24	20.70
	50	LOW	QPSK	20.42	20.22	20.29	20.70
10	1	LOW	Q16	20.34	20.45	20.32	20.70
		MID	Q16	20.66	20.59	20.67	20.70
		HIGH	Q16	20.49	20.70	20.66	20.70
	25	LOW	Q16	20.32	20.44	20.13	20.70
		MID	Q16	20.22	20.47	20.23	20.70
		HIGH	Q16	20.30	20.32	20.36	20.70
	50	LOW	Q16	20.23	20.40	20.27	20.70
10	1	LOW	64QAM	19.57	19.58	19.47	20.70
		MID	64QAM	19.85	19.74	19.45	20.70
		HIGH	64QAM	19.71	19.52	19.45	20.70
	25	LOW	64QAM	19.19	19.35	19.32	20.70
		MID	64QAM	19.39	19.34	19.33	20.70
		HIGH	64QAM	19.27	19.14	19.17	20.70
	50	LOW	64QAM	19.39	19.41	19.35	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.11	20.11	20.08	20.70
		MID	QPSK	20.22	20.43	19.99	20.70
		HIGH	QPSK	20.29	20.43	20.28	20.70
	36	LOW	QPSK	20.32	20.20	20.15	20.70
		MID	QPSK	20.22	20.23	20.27	20.70
		HIGH	QPSK	20.30	20.22	20.39	20.70
15	75	LOW	QPSK	20.32	20.30	20.28	20.70
15	1	LOW	Q16	20.57	20.25	20.52	20.70
		MID	Q16	20.53	20.62	20.36	20.70
		HIGH	Q16	20.49	20.59	20.70	20.70
	36	LOW	Q16	20.38	20.37	20.23	20.70
		MID	Q16	20.39	20.21	20.39	20.70
		HIGH	Q16	20.48	20.37	20.19	20.70
	75	LOW	Q16	20.44	20.33	20.19	20.70
15	1	LOW	64QAM	19.74	19.75	19.31	20.70
		MID	64QAM	19.87	19.74	19.62	20.70
		HIGH	64QAM	19.86	19.61	19.72	20.70
	36	LOW	64QAM	19.37	19.18	19.29	20.70
		MID	64QAM	19.48	19.31	19.17	20.70
		HIGH	64QAM	19.47	19.29	19.34	20.70
15	75	LOW	64QAM	19.24	19.33	19.37	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.10	20.23	20.00	20.70
		MID	QPSK	20.23	20.31	20.32	20.70
		HIGH	QPSK	20.28	20.28	20.17	20.70
	50	LOW	QPSK	20.22	20.29	20.20	20.70
		MID	QPSK	20.35	20.35	20.29	20.70
		HIGH	QPSK	20.33	20.28	20.26	20.70
20	100	LOW	QPSK	20.29	20.26	20.26	20.70
20	1	LOW	Q16	20.30	20.62	20.46	20.70
		MID	Q16	20.54	20.57	20.60	20.70
		HIGH	Q16	20.52	20.63	20.58	20.70
	50	LOW	Q16	20.23	20.33	20.17	20.70
		MID	Q16	20.37	20.34	20.26	20.70
		HIGH	Q16	20.36	20.29	20.23	20.70
	100	LOW	Q16	20.34	20.26	20.24	20.70
20	1	LOW	64QAM	19.80	19.70	19.59	20.70
		MID	64QAM	19.81	19.71	19.50	20.70
		HIGH	64QAM	19.74	19.72	19.54	20.70
	50	LOW	64QAM	19.27	19.42	19.28	20.70
		MID	64QAM	19.35	19.47	19.34	20.70
		HIGH	64QAM	19.29	19.30	19.28	20.70
20	100	LOW	64QAM	19.39	19.20	19.39	20.70

LTE B66-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
6	LOW	QPSK	22.41	22.40	22.47	23.50	
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
6	LOW	Q16	21.60	21.31	21.63	22.50	
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
6	LOW	64QAM	20.73	20.19	20.62	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
15	LOW	QPSK	22.44	22.37	22.48	23.50	
3	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
15	LOW	Q16	21.45	21.40	21.45	22.50	
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
15	LOW	64QAM	20.60	20.34	20.31	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
25	LOW	QPSK	22.45	22.44	22.47	23.50	
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
25	LOW	Q16	21.50	21.53	21.47	22.50	
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
25	LOW	64QAM	20.59	20.48	20.47	21.50	

LTE B66-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)		
10	1	LOW	QPSK	23.43	23.30	23.31	24.50		
		MID	QPSK	23.48	23.41	23.38	24.50		
		HIGH	QPSK	23.54	23.41	23.42	24.50		
	25	LOW	QPSK	22.42	22.47	22.47	23.50		
		MID	QPSK	22.49	22.44	22.46	23.50		
		HIGH	QPSK	22.55	22.46	22.43	23.50		
	50	LOW	QPSK	22.52	22.50	22.44	23.50		
10	1	LOW	Q16	22.28	22.74	22.27	23.50		
		MID	Q16	22.37	22.50	22.35	23.50		
		HIGH	Q16	22.39	22.77	22.41	23.50		
	25	LOW	Q16	21.47	21.51	21.58	22.50		
		MID	Q16	21.55	21.48	21.57	22.50		
		HIGH	Q16	21.61	21.43	21.53	22.50		
	50	LOW	Q16	21.51	21.51	21.48	22.50		
10	1	LOW	64QAM	21.42	21.77	21.41	22.50		
		MID	64QAM	21.39	21.52	21.22	22.50		
		HIGH	64QAM	21.39	21.69	21.36	22.50		
	25	LOW	64QAM	20.57	20.52	20.62	21.50		
		MID	64QAM	20.51	20.37	20.46	21.50		
		HIGH	64QAM	20.64	20.45	20.46	21.50		
	50	LOW	64QAM	20.61	20.51	20.57	21.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)		
15	1	LOW	QPSK	23.34	23.31	23.24	24.50		
		MID	QPSK	23.52	23.40	23.37	24.50		
		HIGH	QPSK	23.44	23.33	23.36	24.50		
	36	LOW	QPSK	22.34	22.43	22.42	23.50		
		MID	QPSK	22.43	22.45	22.46	23.50		
		HIGH	QPSK	22.52	22.42	22.47	23.50		
15	75	LOW	QPSK	22.45	22.41	22.43	23.50		
		1	LOW	Q16	22.24	22.72	22.62	23.50	
			MID	Q16	22.41	22.79	22.73	23.50	
	HIGH		Q16	22.33	22.75	22.69	23.50		
	36	LOW	Q16	21.38	21.49	21.43	22.50		
		MID	Q16	21.46	21.54	21.44	22.50		
HIGH		Q16	21.55	21.49	21.45	22.50			
15	75	LOW	Q16	21.46	21.43	21.41	22.50		
		1	LOW	64QAM	21.10	21.64	21.49	22.50	
			MID	64QAM	21.30	21.64	21.70	22.50	
	HIGH		64QAM	21.33	21.60	21.77	22.50		
	36	LOW	64QAM	20.25	20.55	20.50	21.50		
		MID	64QAM	20.35	20.39	20.56	21.50		
HIGH		64QAM	20.46	20.59	20.47	21.50			
15	75	LOW	64QAM	20.51	20.53	20.45	21.50		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
		20	1	LOW	QPSK	23.20	23.31	23.19	24.50
	MID			QPSK	23.45	23.45	23.37	24.50	
	HIGH			QPSK	23.34	23.36	23.35	24.50	
	50		LOW	QPSK	22.37	22.51	22.42	23.50	
MID			QPSK	22.53	22.50	22.55	23.50		
HIGH			QPSK	22.54	22.44	22.43	23.50		
100	LOW	QPSK	22.47	22.47	22.44	23.50			
20	1	LOW	Q16	22.89	22.71	22.71	23.50		
		MID	Q16	23.07	22.81	22.81	23.50		
		HIGH	Q16	22.98	22.77	22.81	23.50		
	50	LOW	Q16	21.41	21.50	21.42	22.50		
		MID	Q16	21.54	21.53	21.44	22.50		
		HIGH	Q16	21.56	21.46	21.40	22.50		
100	LOW	Q16	21.48	21.44	21.46	22.50			
20	1	LOW	64QAM	21.88	21.83	21.86	22.50		
		MID	64QAM	22.05	21.80	21.89	22.50		
		HIGH	64QAM	22.08	21.88	21.95	22.50		
	50	LOW	64QAM	20.37	20.56	20.53	21.50		
		MID	64QAM	20.66	20.45	20.55	21.50		
		HIGH	64QAM	20.64	20.41	20.42	21.50		
100	LOW	64QAM	20.49	20.56	20.57	21.50			

LTE B66-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
	6	LOW	QPSK	22.41	22.40	22.47	23.50
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
	6	LOW	Q16	21.60	21.31	21.63	22.50
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
	6	LOW	64QAM	20.73	20.19	20.62	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
3	15	LOW	QPSK	22.44	22.37	22.48	23.50
	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
	15	LOW	Q16	21.45	21.40	21.45	22.50
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
	15	LOW	64QAM	20.60	20.34	20.31	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
5	25	LOW	QPSK	22.45	22.44	22.47	23.50
	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
	25	LOW	Q16	21.50	21.53	21.47	22.50
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
	25	LOW	64QAM	20.59	20.48	20.47	21.50

LTE B66-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.43	23.30	23.31	24.50
		MID	QPSK	23.48	23.41	23.38	24.50
		HIGH	QPSK	23.54	23.41	23.42	24.50
	25	LOW	QPSK	22.42	22.47	22.47	23.50
		MID	QPSK	22.49	22.44	22.46	23.50
		HIGH	QPSK	22.55	22.46	22.43	23.50
	50	LOW	QPSK	22.52	22.50	22.44	23.50
10	1	LOW	Q16	22.28	22.74	22.27	23.50
		MID	Q16	22.37	22.50	22.35	23.50
		HIGH	Q16	22.39	22.77	22.41	23.50
	25	LOW	Q16	21.47	21.51	21.58	22.50
		MID	Q16	21.55	21.48	21.57	22.50
		HIGH	Q16	21.61	21.43	21.53	22.50
	50	LOW	Q16	21.51	21.51	21.48	22.50
10	1	LOW	64QAM	21.42	21.77	21.41	22.50
		MID	64QAM	21.39	21.52	21.22	22.50
		HIGH	64QAM	21.39	21.69	21.36	22.50
	25	LOW	64QAM	20.57	20.52	20.62	21.50
		MID	64QAM	20.51	20.37	20.46	21.50
		HIGH	64QAM	20.64	20.45	20.46	21.50
	50	LOW	64QAM	20.61	20.51	20.57	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.31	23.24	24.50
		MID	QPSK	23.52	23.40	23.37	24.50
		HIGH	QPSK	23.44	23.33	23.36	24.50
	36	LOW	QPSK	22.34	22.43	22.42	23.50
		MID	QPSK	22.43	22.45	22.46	23.50
		HIGH	QPSK	22.52	22.42	22.47	23.50
75	LOW	QPSK	22.45	22.41	22.43	23.50	
15	1	LOW	Q16	22.24	22.72	22.62	23.50
		MID	Q16	22.41	22.79	22.73	23.50
		HIGH	Q16	22.33	22.75	22.69	23.50
	36	LOW	Q16	21.38	21.49	21.43	22.50
		MID	Q16	21.46	21.54	21.44	22.50
		HIGH	Q16	21.55	21.49	21.45	22.50
75	LOW	Q16	21.46	21.43	21.41	22.50	
15	1	LOW	64QAM	21.10	21.64	21.49	22.50
		MID	64QAM	21.30	21.64	21.70	22.50
		HIGH	64QAM	21.33	21.60	21.77	22.50
	36	LOW	64QAM	20.25	20.55	20.50	21.50
		MID	64QAM	20.35	20.39	20.56	21.50
		HIGH	64QAM	20.46	20.59	20.47	21.50
	75	LOW	64QAM	20.51	20.53	20.45	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	23.31	23.19	24.50
		MID	QPSK	23.45	23.45	23.37	24.50
		HIGH	QPSK	23.34	23.36	23.35	24.50
	50	LOW	QPSK	22.37	22.51	22.42	23.50
		MID	QPSK	22.53	22.50	22.55	23.50
		HIGH	QPSK	22.54	22.44	22.43	23.50
100	LOW	QPSK	22.47	22.47	22.44	23.50	
20	1	LOW	Q16	22.89	22.71	22.71	23.50
		MID	Q16	23.07	22.81	22.81	23.50
		HIGH	Q16	22.98	22.77	22.81	23.50
	50	LOW	Q16	21.41	21.50	21.42	22.50
		MID	Q16	21.54	21.53	21.44	22.50
		HIGH	Q16	21.56	21.46	21.40	22.50
100	LOW	Q16	21.48	21.44	21.46	22.50	
20	1	LOW	64QAM	21.88	21.83	21.86	22.50
		MID	64QAM	22.05	21.80	21.89	22.50
		HIGH	64QAM	22.08	21.88	21.95	22.50
	50	LOW	64QAM	20.37	20.56	20.53	21.50
		MID	64QAM	20.66	20.45	20.55	21.50
		HIGH	64QAM	20.64	20.41	20.42	21.50
	100	LOW	64QAM	20.49	20.56	20.57	21.50

LTE B66-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
6	LOW	QPSK	22.41	22.40	22.47	23.50	
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
6	LOW	Q16	21.60	21.31	21.63	22.50	
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
6	LOW	64QAM	20.73	20.19	20.62	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
15	LOW	QPSK	22.44	22.37	22.48	23.50	
3	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
15	LOW	Q16	21.45	21.40	21.45	22.50	
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
15	LOW	64QAM	20.60	20.34	20.31	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
25	LOW	QPSK	22.45	22.44	22.47	23.50	
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
25	LOW	Q16	21.50	21.53	21.47	22.50	
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
25	LOW	64QAM	20.59	20.48	20.47	21.50	

LTE B66-Level2&3 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)		
10	1	LOW	QPSK	23.43	23.30	23.31	24.50		
		MID	QPSK	23.48	23.41	23.38	24.50		
		HIGH	QPSK	23.54	23.41	23.42	24.50		
	25	LOW	QPSK	22.42	22.47	22.47	23.50		
		MID	QPSK	22.49	22.44	22.46	23.50		
		HIGH	QPSK	22.55	22.46	22.43	23.50		
	50	LOW	QPSK	22.52	22.50	22.44	23.50		
10	1	LOW	Q16	22.28	22.74	22.27	23.50		
		MID	Q16	22.37	22.50	22.35	23.50		
		HIGH	Q16	22.39	22.77	22.41	23.50		
	25	LOW	Q16	21.47	21.51	21.58	22.50		
		MID	Q16	21.55	21.48	21.57	22.50		
		HIGH	Q16	21.61	21.43	21.53	22.50		
	50	LOW	Q16	21.51	21.51	21.48	22.50		
10	1	LOW	64QAM	21.42	21.77	21.41	22.50		
		MID	64QAM	21.39	21.52	21.22	22.50		
		HIGH	64QAM	21.39	21.69	21.36	22.50		
	25	LOW	64QAM	20.57	20.52	20.62	21.50		
		MID	64QAM	20.51	20.37	20.46	21.50		
		HIGH	64QAM	20.64	20.45	20.46	21.50		
	50	LOW	64QAM	20.61	20.51	20.57	21.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)		
15	1	LOW	QPSK	23.34	23.31	23.24	24.50		
		MID	QPSK	23.52	23.40	23.37	24.50		
		HIGH	QPSK	23.44	23.33	23.36	24.50		
	36	LOW	QPSK	22.34	22.43	22.42	23.50		
		MID	QPSK	22.43	22.45	22.46	23.50		
		HIGH	QPSK	22.52	22.42	22.47	23.50		
15	75	LOW	QPSK	22.45	22.41	22.43	23.50		
		1	LOW	Q16	22.24	22.72	22.62	23.50	
			MID	Q16	22.41	22.79	22.73	23.50	
	HIGH		Q16	22.33	22.75	22.69	23.50		
	36	LOW	Q16	21.38	21.49	21.43	22.50		
		MID	Q16	21.46	21.54	21.44	22.50		
HIGH		Q16	21.55	21.49	21.45	22.50			
15	75	LOW	Q16	21.46	21.43	21.41	22.50		
		1	LOW	64QAM	21.10	21.64	21.49	22.50	
			MID	64QAM	21.30	21.64	21.70	22.50	
	HIGH		64QAM	21.33	21.60	21.77	22.50		
	36	LOW	64QAM	20.25	20.55	20.50	21.50		
		MID	64QAM	20.35	20.39	20.56	21.50		
HIGH		64QAM	20.46	20.59	20.47	21.50			
15	75	LOW	64QAM	20.51	20.53	20.45	21.50		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
		20	1	LOW	QPSK	23.20	23.31	23.19	24.50
	MID			QPSK	23.45	23.45	23.37	24.50	
	HIGH			QPSK	23.34	23.36	23.35	24.50	
	50		LOW	QPSK	22.37	22.51	22.42	23.50	
MID			QPSK	22.53	22.50	22.55	23.50		
HIGH			QPSK	22.54	22.44	22.43	23.50		
100	LOW	QPSK	22.47	22.47	22.44	23.50			
20	1	LOW	Q16	22.89	22.71	22.71	23.50		
		MID	Q16	23.07	22.81	22.81	23.50		
		HIGH	Q16	22.98	22.77	22.81	23.50		
	50	LOW	Q16	21.41	21.50	21.42	22.50		
		MID	Q16	21.54	21.53	21.44	22.50		
		HIGH	Q16	21.56	21.46	21.40	22.50		
100	LOW	Q16	21.48	21.44	21.46	22.50			
20	1	LOW	64QAM	21.88	21.83	21.86	22.50		
		MID	64QAM	22.05	21.80	21.89	22.50		
		HIGH	64QAM	22.08	21.88	21.95	22.50		
	50	LOW	64QAM	20.37	20.56	20.53	21.50		
		MID	64QAM	20.66	20.45	20.55	21.50		
		HIGH	64QAM	20.64	20.41	20.42	21.50		
100	LOW	64QAM	20.49	20.56	20.57	21.50			

LTE B66-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
	6	LOW	QPSK	22.41	22.40	22.47	23.50
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
	6	LOW	Q16	21.60	21.31	21.63	22.50
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
	6	LOW	64QAM	20.73	20.19	20.62	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
3	15	LOW	QPSK	22.44	22.37	22.48	23.50
	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
	15	LOW	Q16	21.45	21.40	21.45	22.50
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
	15	LOW	64QAM	20.60	20.34	20.31	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
5	25	LOW	QPSK	22.45	22.44	22.47	23.50
	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
	25	LOW	Q16	21.50	21.53	21.47	22.50
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
	25	LOW	64QAM	20.59	20.48	20.47	21.50

LTE B66-Level4-off -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)		
10	1	LOW	QPSK	23.43	23.30	23.31	24.50		
		MID	QPSK	23.48	23.41	23.38	24.50		
		HIGH	QPSK	23.54	23.41	23.42	24.50		
	25	LOW	QPSK	22.42	22.47	22.47	23.50		
		MID	QPSK	22.49	22.44	22.46	23.50		
		HIGH	QPSK	22.55	22.46	22.43	23.50		
	50	LOW	QPSK	22.52	22.50	22.44	23.50		
10	1	LOW	Q16	22.28	22.74	22.27	23.50		
		MID	Q16	22.37	22.50	22.35	23.50		
		HIGH	Q16	22.39	22.77	22.41	23.50		
	25	LOW	Q16	21.47	21.51	21.58	22.50		
		MID	Q16	21.55	21.48	21.57	22.50		
		HIGH	Q16	21.61	21.43	21.53	22.50		
	50	LOW	Q16	21.51	21.51	21.48	22.50		
10	1	LOW	64QAM	21.42	21.77	21.41	22.50		
		MID	64QAM	21.39	21.52	21.22	22.50		
		HIGH	64QAM	21.39	21.69	21.36	22.50		
	25	LOW	64QAM	20.57	20.52	20.62	21.50		
		MID	64QAM	20.51	20.37	20.46	21.50		
		HIGH	64QAM	20.64	20.45	20.46	21.50		
	50	LOW	64QAM	20.61	20.51	20.57	21.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)		
15	1	LOW	QPSK	23.34	23.31	23.24	24.50		
		MID	QPSK	23.52	23.40	23.37	24.50		
		HIGH	QPSK	23.44	23.33	23.36	24.50		
	36	LOW	QPSK	22.34	22.43	22.42	23.50		
		MID	QPSK	22.43	22.45	22.46	23.50		
		HIGH	QPSK	22.52	22.42	22.47	23.50		
15	75	LOW	QPSK	22.45	22.41	22.43	23.50		
		1	LOW	Q16	22.24	22.72	22.62	23.50	
			MID	Q16	22.41	22.79	22.73	23.50	
	HIGH		Q16	22.33	22.75	22.69	23.50		
	36	LOW	Q16	21.38	21.49	21.43	22.50		
		MID	Q16	21.46	21.54	21.44	22.50		
HIGH		Q16	21.55	21.49	21.45	22.50			
15	75	LOW	Q16	21.46	21.43	21.41	22.50		
		1	LOW	64QAM	21.10	21.64	21.49	22.50	
			MID	64QAM	21.30	21.64	21.70	22.50	
	HIGH		64QAM	21.33	21.60	21.77	22.50		
	36	LOW	64QAM	20.25	20.55	20.50	21.50		
		MID	64QAM	20.35	20.39	20.56	21.50		
HIGH		64QAM	20.46	20.59	20.47	21.50			
15	75	LOW	64QAM	20.51	20.53	20.45	21.50		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
		20	1	LOW	QPSK	23.20	23.31	23.19	24.50
	MID			QPSK	23.45	23.45	23.37	24.50	
	HIGH			QPSK	23.34	23.36	23.35	24.50	
	50		LOW	QPSK	22.37	22.51	22.42	23.50	
MID			QPSK	22.53	22.50	22.55	23.50		
HIGH			QPSK	22.54	22.44	22.43	23.50		
100	LOW	QPSK	22.47	22.47	22.44	23.50			
20	1	LOW	Q16	22.89	22.71	22.71	23.50		
		MID	Q16	23.07	22.81	22.81	23.50		
		HIGH	Q16	22.98	22.77	22.81	23.50		
	50	LOW	Q16	21.41	21.50	21.42	22.50		
		MID	Q16	21.54	21.53	21.44	22.50		
		HIGH	Q16	21.56	21.46	21.40	22.50		
100	LOW	Q16	21.48	21.44	21.46	22.50			
20	1	LOW	64QAM	21.88	21.83	21.86	22.50		
		MID	64QAM	22.05	21.80	21.89	22.50		
		HIGH	64QAM	22.08	21.88	21.95	22.50		
	50	LOW	64QAM	20.37	20.56	20.53	21.50		
		MID	64QAM	20.66	20.45	20.55	21.50		
		HIGH	64QAM	20.64	20.41	20.42	21.50		
100	LOW	64QAM	20.49	20.56	20.57	21.50			

LTE B66-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.23	21.44	21.44	22.00
		MID	QPSK	21.37	21.53	21.45	22.00
		HIGH	QPSK	21.48	21.36	21.30	22.00
	3	LOW	QPSK	21.40	21.67	21.62	22.00
		MID	QPSK	21.66	21.40	21.56	22.00
		HIGH	QPSK	21.64	21.44	21.63	22.00
	6	LOW	QPSK	21.42	21.57	21.53	22.00
1.4	1	LOW	Q16	21.47	21.86	21.60	22.00
		MID	Q16	21.63	21.88	21.80	22.00
		HIGH	Q16	21.96	21.72	21.57	22.00
	3	LOW	Q16	21.57	21.47	21.31	22.00
		MID	Q16	21.64	21.53	21.54	22.00
		HIGH	Q16	21.63	21.64	21.61	22.00
	6	LOW	Q16	21.62	21.55	21.54	22.00
1.4	1	LOW	64QAM	21.03	20.69	20.86	22.00
		MID	64QAM	20.89	20.83	20.74	22.00
		HIGH	64QAM	20.90	20.75	20.80	22.00
	3	LOW	64QAM	21.51	21.51	21.28	22.00
		MID	64QAM	21.56	21.38	21.64	22.00
		HIGH	64QAM	21.59	21.73	21.57	22.00
	6	LOW	64QAM	21.09	20.98	20.96	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.38	21.53	21.25	22.00
		MID	QPSK	21.59	21.62	21.33	22.00
		HIGH	QPSK	21.42	21.45	21.53	22.00
	8	LOW	QPSK	21.27	21.54	21.51	22.00
		MID	QPSK	21.68	21.68	21.64	22.00
		HIGH	QPSK	21.52	21.67	21.43	22.00
3	15	LOW	QPSK	21.51	21.47	21.53	22.00
3	1	LOW	Q16	21.84	21.78	21.46	22.00
		MID	Q16	21.94	21.72	21.79	22.00
		HIGH	Q16	21.65	21.95	21.85	22.00
	8	LOW	Q16	21.33	21.46	21.33	22.00
		MID	Q16	21.55	21.60	21.52	22.00
		HIGH	Q16	21.57	21.43	21.41	22.00
	15	LOW	Q16	21.58	21.55	21.64	22.00
3	1	LOW	64QAM	21.81	21.80	21.63	22.00
		MID	64QAM	21.86	21.82	21.81	22.00
		HIGH	64QAM	21.54	21.88	21.78	22.00
	8	LOW	64QAM	21.06	20.94	20.99	21.50
		MID	64QAM	21.10	21.14	21.08	21.50
		HIGH	64QAM	21.10	20.92	20.94	21.50
3	15	LOW	64QAM	20.99	20.88	20.90	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.28	21.38	21.21	22.00
		MID	QPSK	21.31	21.53	21.56	22.00
		HIGH	QPSK	21.54	21.61	21.54	22.00
	12	LOW	QPSK	21.31	21.44	21.38	22.00
		MID	QPSK	21.60	21.47	21.70	22.00
		HIGH	QPSK	21.47	21.67	21.40	22.00
5	25	LOW	QPSK	21.54	21.62	21.36	22.00
5	1	LOW	Q16	21.70	21.75	21.66	22.00
		MID	Q16	21.58	21.61	21.80	22.00
		HIGH	Q16	21.98	21.94	22.00	22.00
	12	LOW	Q16	21.53	21.42	21.58	22.00
		MID	Q16	21.45	21.53	21.55	22.00
		HIGH	Q16	21.69	21.55	21.56	22.00
	25	LOW	Q16	21.54	21.59	21.63	22.00
5	1	LOW	64QAM	21.58	21.78	21.69	22.00
		MID	64QAM	21.44	21.82	21.99	22.00
		HIGH	64QAM	21.88	21.72	21.80	22.00
	12	LOW	64QAM	20.81	21.06	21.10	21.50
		MID	64QAM	21.04	21.16	21.04	21.50
		HIGH	64QAM	21.08	21.10	21.13	21.50
5	25	LOW	64QAM	21.18	20.90	21.11	21.50

LTE B66-Level4-on1 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)		
10	1	LOW	QPSK	21.31	21.41	21.38	22.00		
		MID	QPSK	21.59	21.55	21.38	22.00		
		HIGH	QPSK	21.62	21.57	21.41	22.00		
	25	LOW	QPSK	21.31	21.49	21.60	22.00		
		MID	QPSK	21.54	21.47	21.57	22.00		
		HIGH	QPSK	21.65	21.47	21.38	22.00		
	50	LOW	QPSK	21.58	21.57	21.48	22.00		
10	1	LOW	Q16	21.71	21.91	21.73	22.00		
		MID	Q16	21.85	21.73	21.87	22.00		
		HIGH	Q16	21.96	21.71	21.78	22.00		
	25	LOW	Q16	21.58	21.67	21.44	22.00		
		MID	Q16	21.69	21.71	21.46	22.00		
		HIGH	Q16	21.58	21.65	21.55	22.00		
	50	LOW	Q16	21.50	21.43	21.39	22.00		
10	1	LOW	64QAM	21.80	21.82	21.61	22.00		
		MID	64QAM	21.97	21.70	21.80	22.00		
		HIGH	64QAM	21.89	21.89	21.75	22.00		
	25	LOW	64QAM	20.98	21.07	20.99	21.50		
		MID	64QAM	21.12	20.92	21.01	21.50		
		HIGH	64QAM	20.95	20.93	20.86	21.50		
	50	LOW	64QAM	20.98	20.96	20.91	21.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)		
15	1	LOW	QPSK	21.14	21.58	21.31	22.00		
		MID	QPSK	21.37	21.47	21.32	22.00		
		HIGH	QPSK	21.45	21.42	21.26	22.00		
	36	LOW	QPSK	21.45	21.41	21.36	22.00		
		MID	QPSK	21.45	21.61	21.71	22.00		
		HIGH	QPSK	21.60	21.58	21.42	22.00		
15	75	LOW	QPSK	21.40	21.53	21.48	22.00		
		1	LOW	Q16	21.60	21.96	21.70	22.00	
			MID	Q16	21.61	21.85	21.75	22.00	
	HIGH		Q16	21.58	21.82	21.60	22.00		
	36	LOW	Q16	21.29	21.50	21.52	22.00		
		MID	Q16	21.59	21.64	21.63	22.00		
HIGH		Q16	21.56	21.56	21.57	22.00			
15	75	LOW	Q16	21.57	21.44	21.64	22.00		
		1	LOW	64QAM	21.59	21.89	21.73	22.00	
			MID	64QAM	21.85	21.96	21.74	22.00	
	HIGH		64QAM	21.51	21.77	21.74	22.00		
	36	LOW	64QAM	20.89	21.11	21.02	21.50		
		MID	64QAM	21.10	20.91	21.18	21.50		
HIGH		64QAM	21.21	20.91	20.98	21.50			
15	75	LOW	64QAM	21.14	21.02	20.87	21.50		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
		20	1	LOW	QPSK	21.29	21.47	21.33	22.00
	MID			QPSK	21.44	21.54	21.56	22.00	
	HIGH			QPSK	21.50	21.51	21.40	22.00	
	50		LOW	QPSK	21.41	21.56	21.48	22.00	
MID			QPSK	21.55	21.55	21.57	22.00		
HIGH			QPSK	21.57	21.53	21.50	22.00		
100	LOW	QPSK	21.52	21.53	21.51	22.00			
20	1	LOW	Q16	21.46	21.84	21.74	22.00		
		MID	Q16	21.72	21.93	21.86	22.00		
		HIGH	Q16	21.98	21.86	21.86	22.00		
	50	LOW	Q16	21.43	21.57	21.45	22.00		
		MID	Q16	21.55	21.56	21.53	22.00		
		HIGH	Q16	21.56	21.54	21.48	22.00		
100	LOW	Q16	21.55	21.50	21.52	22.00			
20	1	LOW	64QAM	21.01	20.82	20.69	22.00		
		MID	64QAM	21.11	21.06	20.99	22.00		
		HIGH	64QAM	20.99	20.83	21.00	22.00		
	50	LOW	64QAM	20.31	20.64	20.52	21.50		
		MID	64QAM	20.66	20.45	20.60	21.50		
		HIGH	64QAM	20.64	20.44	20.42	21.50		
100	LOW	64QAM	20.54	20.42	20.67	21.50			

LTE B66-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
	6	LOW	QPSK	22.41	22.40	22.47	23.50
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
	6	LOW	Q16	21.60	21.31	21.63	22.50
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
	6	LOW	64QAM	20.73	20.19	20.62	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
3	15	LOW	QPSK	22.44	22.37	22.48	23.50
3	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
	15	LOW	Q16	21.45	21.40	21.45	22.50
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
	15	LOW	64QAM	20.60	20.34	20.31	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
5	25	LOW	QPSK	22.45	22.44	22.47	23.50
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
	25	LOW	Q16	21.50	21.53	21.47	22.50
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
	25	LOW	64QAM	20.59	20.48	20.47	21.50

LTE B66-Level5&6-off -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)		
10	1	LOW	QPSK	23.43	23.30	23.31	24.50		
		MID	QPSK	23.48	23.41	23.38	24.50		
		HIGH	QPSK	23.54	23.41	23.42	24.50		
	25	LOW	QPSK	22.42	22.47	22.47	23.50		
		MID	QPSK	22.49	22.44	22.46	23.50		
		HIGH	QPSK	22.55	22.46	22.43	23.50		
	50	LOW	QPSK	22.52	22.50	22.44	23.50		
10	1	LOW	Q16	22.28	22.74	22.27	23.50		
		MID	Q16	22.37	22.50	22.35	23.50		
		HIGH	Q16	22.39	22.77	22.41	23.50		
	25	LOW	Q16	21.47	21.51	21.58	22.50		
		MID	Q16	21.55	21.48	21.57	22.50		
		HIGH	Q16	21.61	21.43	21.53	22.50		
	50	LOW	Q16	21.51	21.51	21.48	22.50		
10	1	LOW	64QAM	21.42	21.77	21.41	22.50		
		MID	64QAM	21.39	21.52	21.22	22.50		
		HIGH	64QAM	21.39	21.69	21.36	22.50		
	25	LOW	64QAM	20.57	20.52	20.62	21.50		
		MID	64QAM	20.51	20.37	20.46	21.50		
		HIGH	64QAM	20.64	20.45	20.46	21.50		
	50	LOW	64QAM	20.61	20.51	20.57	21.50		
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)		
15	1	LOW	QPSK	23.34	23.31	23.24	24.50		
		MID	QPSK	23.52	23.40	23.37	24.50		
		HIGH	QPSK	23.44	23.33	23.36	24.50		
	36	LOW	QPSK	22.34	22.43	22.42	23.50		
		MID	QPSK	22.43	22.45	22.46	23.50		
		HIGH	QPSK	22.52	22.42	22.47	23.50		
15	75	LOW	QPSK	22.45	22.41	22.43	23.50		
		1	LOW	Q16	22.24	22.72	22.62	23.50	
			MID	Q16	22.41	22.79	22.73	23.50	
	HIGH		Q16	22.33	22.75	22.69	23.50		
	36	LOW	Q16	21.38	21.49	21.43	22.50		
		MID	Q16	21.46	21.54	21.44	22.50		
HIGH		Q16	21.55	21.49	21.45	22.50			
15	75	LOW	Q16	21.46	21.43	21.41	22.50		
		1	LOW	64QAM	21.10	21.64	21.49	22.50	
			MID	64QAM	21.30	21.64	21.70	22.50	
	HIGH		64QAM	21.33	21.60	21.77	22.50		
	36	LOW	64QAM	20.25	20.55	20.50	21.50		
		MID	64QAM	20.35	20.39	20.56	21.50		
HIGH		64QAM	20.46	20.59	20.47	21.50			
15	75	LOW	64QAM	20.51	20.53	20.45	21.50		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
		20	1	LOW	QPSK	23.20	23.31	23.19	24.50
	MID			QPSK	23.45	23.45	23.37	24.50	
	HIGH			QPSK	23.34	23.36	23.35	24.50	
	50		LOW	QPSK	22.37	22.51	22.42	23.50	
MID			QPSK	22.53	22.50	22.55	23.50		
HIGH			QPSK	22.54	22.44	22.43	23.50		
100	LOW	QPSK	22.47	22.47	22.44	23.50			
20	1	LOW	Q16	22.89	22.71	22.71	23.50		
		MID	Q16	23.07	22.81	22.81	23.50		
		HIGH	Q16	22.98	22.77	22.81	23.50		
	50	LOW	Q16	21.41	21.50	21.42	22.50		
		MID	Q16	21.54	21.53	21.44	22.50		
		HIGH	Q16	21.56	21.46	21.40	22.50		
100	LOW	Q16	21.48	21.44	21.46	22.50			
20	1	LOW	64QAM	21.88	21.83	21.86	22.50		
		MID	64QAM	22.05	21.80	21.89	22.50		
		HIGH	64QAM	22.08	21.88	21.95	22.50		
	50	LOW	64QAM	20.37	20.56	20.53	21.50		
		MID	64QAM	20.66	20.45	20.55	21.50		
		HIGH	64QAM	20.64	20.41	20.42	21.50		
100	LOW	64QAM	20.49	20.56	20.57	21.50			

LTE B66-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.75	20.77	20.88	21.50
		MID	QPSK	20.95	20.93	20.84	21.50
		HIGH	QPSK	20.91	20.93	20.88	21.50
	3	LOW	QPSK	20.99	20.97	20.84	21.50
		MID	QPSK	20.94	21.04	21.12	21.50
		HIGH	QPSK	20.96	20.87	20.99	21.50
	6	LOW	QPSK	20.87	20.91	21.09	21.50
1.4	1	LOW	Q16	21.03	21.27	21.07	21.50
		MID	Q16	21.41	21.33	21.22	21.50
		HIGH	Q16	21.40	21.12	21.32	21.50
	3	LOW	Q16	21.02	21.14	21.08	21.50
		MID	Q16	21.05	21.00	21.05	21.50
		HIGH	Q16	20.87	20.94	20.94	21.50
	6	LOW	Q16	21.04	21.11	21.01	21.50
1.4	1	LOW	64QAM	20.89	21.14	21.22	21.50
		MID	64QAM	21.40	21.41	21.11	21.50
		HIGH	64QAM	21.36	21.31	21.23	21.50
	3	LOW	64QAM	21.03	21.09	21.09	21.50
		MID	64QAM	21.09	20.94	21.13	21.50
		HIGH	64QAM	21.11	20.90	21.05	21.50
	6	LOW	64QAM	20.95	21.03	21.13	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.72	20.98	20.88	21.50
		MID	QPSK	21.00	21.00	20.81	21.50
		HIGH	QPSK	20.83	20.87	21.00	21.50
	8	LOW	QPSK	20.79	21.06	20.99	21.50
		MID	QPSK	20.96	21.03	21.13	21.50
		HIGH	QPSK	21.10	21.04	20.99	21.50
3	15	LOW	QPSK	20.84	20.89	20.86	21.50
3	1	LOW	Q16	21.21	21.25	21.29	21.50
		MID	Q16	21.43	21.28	21.21	21.50
		HIGH	Q16	21.22	21.25	21.28	21.50
	8	LOW	Q16	20.87	20.90	20.97	21.50
		MID	Q16	21.03	20.89	21.00	21.50
		HIGH	Q16	21.11	20.88	21.05	21.50
	15	LOW	Q16	21.15	20.82	20.86	21.50
3	1	LOW	64QAM	21.17	21.17	21.26	21.50
		MID	64QAM	21.44	21.30	21.17	21.50
		HIGH	64QAM	21.23	21.16	21.24	21.50
	8	LOW	64QAM	20.81	20.95	20.82	21.50
		MID	64QAM	21.07	20.87	20.97	21.50
		HIGH	64QAM	21.12	21.07	20.90	21.50
3	15	LOW	64QAM	21.11	21.02	21.01	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.71	20.77	20.72	21.50
		MID	QPSK	20.92	20.90	20.83	21.50
		HIGH	QPSK	20.82	21.07	20.89	21.50
	12	LOW	QPSK	20.77	21.06	20.83	21.50
		MID	QPSK	20.91	20.92	20.91	21.50
		HIGH	QPSK	20.85	21.07	20.87	21.50
5	25	LOW	QPSK	21.07	20.92	20.86	21.50
5	1	LOW	Q16	21.21	21.02	21.15	21.50
		MID	Q16	21.31	21.28	20.98	21.50
		HIGH	Q16	21.13	21.31	21.30	21.50
	12	LOW	Q16	20.98	21.07	21.00	21.50
		MID	Q16	20.89	21.12	21.09	21.50
		HIGH	Q16	20.87	21.05	21.01	21.50
	25	LOW	Q16	20.90	20.94	20.86	21.50
5	1	LOW	64QAM	21.18	21.23	21.02	21.50
		MID	64QAM	21.42	21.27	21.02	21.50
		HIGH	64QAM	21.20	21.47	21.35	21.50
	12	LOW	64QAM	20.75	21.00	21.03	21.50
		MID	64QAM	20.90	20.89	20.91	21.50
		HIGH	64QAM	21.06	21.13	20.92	21.50
5	25	LOW	64QAM	20.91	20.87	20.92	21.50

LTE B66-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.80	20.79	20.67	21.50
		MID	QPSK	21.06	21.14	20.82	21.50
		HIGH	QPSK	20.86	20.89	21.00	21.50
	25	LOW	QPSK	20.95	20.97	20.88	21.50
		MID	QPSK	20.87	20.88	21.10	21.50
		HIGH	QPSK	21.13	21.07	20.90	21.50
	50	LOW	QPSK	20.96	21.07	20.94	21.50
10	1	LOW	Q16	21.08	21.29	21.11	21.50
		MID	Q16	21.18	21.33	21.26	21.50
		HIGH	Q16	21.10	21.31	21.39	21.50
	25	LOW	Q16	20.91	21.01	20.86	21.50
		MID	Q16	21.11	21.12	20.92	21.50
		HIGH	Q16	21.16	20.91	20.94	21.50
	50	LOW	Q16	20.90	21.11	21.11	21.50
10	1	LOW	64QAM	21.18	21.29	21.07	21.50
		MID	64QAM	21.35	21.45	21.21	21.50
		HIGH	64QAM	21.36	21.32	21.44	21.50
	25	LOW	64QAM	20.96	21.01	20.94	21.50
		MID	64QAM	21.16	20.97	21.01	21.50
		HIGH	64QAM	21.14	21.01	20.84	21.50
	50	LOW	64QAM	21.13	21.10	20.89	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.75	21.03	20.73	21.50
		MID	QPSK	21.04	21.16	21.05	21.50
		HIGH	QPSK	20.91	21.06	20.88	21.50
	36	LOW	QPSK	20.71	21.13	20.84	21.50
		MID	QPSK	20.94	20.92	21.04	21.50
		HIGH	QPSK	21.12	20.96	20.91	21.50
75	LOW	QPSK	20.84	20.99	21.15	21.50	
15	1	LOW	Q16	20.96	21.35	21.07	21.50
		MID	Q16	21.32	21.43	21.49	21.50
		HIGH	Q16	21.23	21.37	21.17	21.50
	36	LOW	Q16	20.84	21.11	20.88	21.50
		MID	Q16	20.91	21.11	21.00	21.50
		HIGH	Q16	20.99	20.97	20.95	21.50
75	LOW	Q16	21.09	21.02	21.00	21.50	
15	1	LOW	64QAM	21.24	21.17	21.21	21.50
		MID	64QAM	21.42	21.48	21.38	21.50
		HIGH	64QAM	21.11	21.31	21.31	21.50
	36	LOW	64QAM	20.77	21.02	20.82	21.50
		MID	64QAM	20.99	20.97	20.96	21.50
		HIGH	64QAM	20.89	21.12	20.85	21.50
75	LOW	64QAM	21.04	20.99	21.13	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.74	20.91	20.75	21.50
		MID	QPSK	20.91	20.96	20.91	21.50
		HIGH	QPSK	20.97	20.97	20.87	21.50
	50	LOW	QPSK	20.85	20.99	20.93	21.50
		MID	QPSK	21.02	21.02	21.03	21.50
		HIGH	QPSK	20.99	20.98	20.99	21.50
100	LOW	QPSK	20.97	20.95	21.00	21.50	
20	1	LOW	Q16	20.99	21.31	21.21	21.50
		MID	Q16	21.00	21.40	21.36	21.50
		HIGH	Q16	21.43	21.34	21.31	21.50
	50	LOW	Q16	20.88	21.02	20.95	21.50
		MID	Q16	21.03	21.01	20.99	21.50
		HIGH	Q16	21.02	21.01	20.93	21.50
100	LOW	Q16	21.01	20.96	21.00	21.50	
20	1	LOW	64QAM	20.95	21.23	21.07	21.50
		MID	64QAM	21.03	21.37	21.35	21.50
		HIGH	64QAM	21.29	21.33	21.20	21.50
	50	LOW	64QAM	20.83	20.98	21.01	21.50
		MID	64QAM	20.95	21.08	21.01	21.50
		HIGH	64QAM	21.00	21.00	21.00	21.50
100	LOW	64QAM	21.00	21.00	20.98	21.50	

8.3.10 LTE Band38 Output Power

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.33	23.43	24.20
		MID	QPSK	23.31	23.33	23.42	24.20
		HIGH	QPSK	23.31	23.35	23.38	24.20
	12	LOW	QPSK	22.20	22.38	22.41	23.20
		MID	QPSK	22.21	22.31	22.36	23.20
		HIGH	QPSK	22.14	22.32	22.38	23.20
	25	LOW	QPSK	22.17	22.35	22.40	23.20
5	1	LOW	Q16	22.43	22.64	22.78	23.20
		MID	Q16	22.39	22.65	22.74	23.20
		HIGH	Q16	22.41	22.64	22.74	23.20
	12	LOW	Q16	21.24	21.33	21.46	22.20
		MID	Q16	21.20	21.28	21.46	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	25	LOW	Q16	21.17	21.35	21.38	22.20
5	1	LOW	64QAM	21.44	21.79	21.79	22.20
		MID	64QAM	21.34	21.65	21.89	22.20
		HIGH	64QAM	21.48	21.73	21.67	22.20
	12	LOW	64QAM	20.30	20.32	20.42	21.20
		MID	64QAM	20.21	20.21	20.44	21.20
		HIGH	64QAM	20.20	20.16	20.60	21.20
	25	LOW	64QAM	20.28	20.44	20.51	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.17	23.25	23.39	24.20
		MID	QPSK	23.21	23.38	23.43	24.20
		HIGH	QPSK	23.20	23.36	23.36	24.20
	25	LOW	QPSK	22.20	22.38	22.40	23.20
		MID	QPSK	22.20	22.37	22.43	23.20
		HIGH	QPSK	22.19	22.38	22.42	23.20
	50	LOW	QPSK	22.20	22.37	22.44	23.20
10	1	LOW	Q16	22.46	22.68	22.80	23.20
		MID	Q16	22.46	22.76	22.78	23.20
		HIGH	Q16	22.46	22.74	22.75	23.20
	25	LOW	Q16	21.21	21.36	21.41	22.20
		MID	Q16	21.15	21.38	21.44	22.20
		HIGH	Q16	21.19	21.36	21.48	22.20
	50	LOW	Q16	21.17	21.34	21.43	22.20
10	1	LOW	64QAM	21.58	21.80	21.71	22.20
		MID	64QAM	21.35	21.68	21.68	22.20
		HIGH	64QAM	21.57	21.62	21.60	22.20
	25	LOW	64QAM	20.18	20.21	20.45	21.20
		MID	64QAM	20.05	20.35	20.57	21.20
		HIGH	64QAM	20.33	20.50	20.54	21.20
	50	LOW	64QAM	20.18	20.31	20.42	21.20

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.12	23.15	23.36	24.20
		MID	QPSK	23.13	23.30	23.43	24.20
		HIGH	QPSK	23.15	23.26	23.29	24.20
	36	LOW	QPSK	22.13	22.27	22.33	23.20
		MID	QPSK	22.14	22.30	22.32	23.20
		HIGH	QPSK	22.18	22.31	22.38	23.20
	75	LOW	QPSK	22.15	22.35	22.33	23.20
15	1	LOW	Q16	22.43	22.61	22.65	23.20
		MID	Q16	22.44	22.75	22.72	23.20
		HIGH	Q16	22.43	22.71	22.57	23.20
	36	LOW	Q16	21.12	21.29	21.38	22.20
		MID	Q16	21.17	21.31	21.38	22.20
		HIGH	Q16	21.17	21.29	21.37	22.20
	75	LOW	Q16	21.12	21.29	21.31	22.20
15	1	LOW	64QAM	21.46	21.46	21.64	22.20
		MID	64QAM	21.30	21.61	21.84	22.20
		HIGH	64QAM	21.36	21.81	21.49	22.20
	36	LOW	64QAM	20.18	20.38	20.46	21.20
		MID	64QAM	20.29	20.39	20.28	21.20
		HIGH	64QAM	20.24	20.39	20.23	21.20
	75	LOW	64QAM	20.09	20.30	20.28	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.02	23.08	23.29	24.20
		MID	QPSK	23.15	23.32	23.42	24.20
		HIGH	QPSK	23.18	23.27	23.31	24.20
	50	LOW	QPSK	22.12	22.29	22.33	23.20
		MID	QPSK	22.18	22.33	22.38	23.20
		HIGH	QPSK	22.19	22.39	22.37	23.20
	100	LOW	QPSK	22.14	22.30	22.31	23.20
20	1	LOW	Q16	22.37	22.24	22.66	23.20
		MID	Q16	22.51	22.48	22.82	23.20
		HIGH	Q16	22.52	22.42	22.67	23.20
	50	LOW	Q16	21.12	21.30	21.40	22.20
		MID	Q16	21.14	21.32	21.44	22.20
		HIGH	Q16	21.16	21.33	21.39	22.20
	100	LOW	Q16	21.12	21.24	21.33	22.20
20	1	LOW	64QAM	21.27	21.09	21.59	22.20
		MID	64QAM	21.60	21.43	21.80	22.20
		HIGH	64QAM	21.63	21.56	21.79	22.20
	50	LOW	64QAM	19.98	20.24	20.53	21.20
		MID	64QAM	20.17	20.38	20.47	21.20
		HIGH	64QAM	20.07	20.43	20.40	21.20
	100	LOW	64QAM	20.05	20.37	20.35	21.20

LTE B38-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	18.36	18.59	18.62	19.70
		MID	QPSK	18.61	18.64	18.76	19.70
		HIGH	QPSK	18.70	18.59	18.82	19.70
	12	LOW	QPSK	18.62	18.70	18.64	19.70
		MID	QPSK	18.62	18.71	18.76	19.70
		HIGH	QPSK	18.72	18.66	18.81	19.70
	25	LOW	QPSK	18.54	18.66	18.93	19.70
5	1	LOW	Q16	18.74	18.71	19.11	19.70
		MID	Q16	18.85	18.81	19.19	19.70
		HIGH	Q16	18.93	18.90	19.25	19.70
	12	LOW	Q16	18.62	18.71	18.86	19.70
		MID	Q16	18.64	18.62	18.91	19.70
		HIGH	Q16	18.53	18.72	18.93	19.70
	25	LOW	Q16	18.72	18.78	18.76	19.70
5	1	LOW	64QAM	18.70	18.49	18.98	19.70
		MID	64QAM	19.00	19.00	19.23	19.70
		HIGH	64QAM	18.76	18.90	19.06	19.70
	12	LOW	64QAM	18.58	18.75	18.77	19.70
		MID	64QAM	18.69	18.65	18.99	19.70
		HIGH	64QAM	18.64	18.75	18.74	19.70
	25	LOW	64QAM	18.73	18.78	18.75	19.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	18.28	18.56	18.62	19.70
		MID	QPSK	18.43	18.90	18.73	19.70
		HIGH	QPSK	18.57	18.62	18.83	19.70
	25	LOW	QPSK	18.69	18.84	18.69	19.70
		MID	QPSK	18.47	18.82	18.86	19.70
		HIGH	QPSK	18.73	18.91	18.89	19.70
	50	LOW	QPSK	18.59	18.84	18.69	19.70
10	1	LOW	Q16	18.34	18.54	19.02	19.70
		MID	Q16	18.75	18.85	18.94	19.70
		HIGH	Q16	18.83	18.94	19.16	19.70
	25	LOW	Q16	18.60	18.66	18.96	19.70
		MID	Q16	18.45	18.62	19.00	19.70
		HIGH	Q16	18.71	18.73	18.86	19.70
	50	LOW	Q16	18.47	18.77	18.78	19.70
10	1	LOW	64QAM	18.73	18.63	19.03	19.70
		MID	64QAM	18.81	18.71	18.98	19.70
		HIGH	64QAM	18.85	19.00	19.09	19.70
	25	LOW	64QAM	18.40	18.76	18.73	19.70
		MID	64QAM	18.62	18.68	18.78	19.70
		HIGH	64QAM	18.60	18.78	18.85	19.70
	50	LOW	64QAM	18.59	18.88	18.74	19.70

LTE B38-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	18.41	18.33	18.63	19.70
		MID	QPSK	18.68	18.90	18.81	19.70
		HIGH	QPSK	18.44	18.65	18.83	19.70
	36	LOW	QPSK	18.47	18.60	18.64	19.70
		MID	QPSK	18.69	18.76	18.92	19.70
		HIGH	QPSK	18.53	18.75	18.80	19.70
	75	LOW	QPSK	18.65	18.60	18.92	19.70
15	1	LOW	Q16	18.58	18.58	19.03	19.70
		MID	Q16	18.88	18.96	19.23	19.70
		HIGH	Q16	18.74	18.90	19.13	19.70
	36	LOW	Q16	18.45	18.87	18.73	19.70
		MID	Q16	18.54	18.68	18.81	19.70
		HIGH	Q16	18.68	18.68	18.85	19.70
	75	LOW	Q16	18.57	18.74	18.81	19.70
15	1	LOW	64QAM	18.57	18.69	19.10	19.70
		MID	64QAM	18.85	18.97	19.26	19.70
		HIGH	64QAM	18.81	18.98	19.00	19.70
	36	LOW	64QAM	18.45	18.59	18.89	19.70
		MID	64QAM	18.55	18.76	18.83	19.70
		HIGH	64QAM	18.69	18.85	18.83	19.70
	75	LOW	64QAM	18.68	18.64	18.60	19.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	18.37	18.47	18.71	19.70
		MID	QPSK	18.57	18.77	18.88	19.70
		HIGH	QPSK	18.58	18.72	18.69	19.70
	50	LOW	QPSK	18.64	18.74	18.77	19.70
		MID	QPSK	18.81	18.79	18.82	19.70
		HIGH	QPSK	18.84	18.80	18.78	19.70
	100	LOW	QPSK	18.60	18.71	18.81	19.70
20	1	LOW	Q16	18.70	18.60	19.13	19.70
		MID	Q16	18.89	18.86	19.30	19.70
		HIGH	Q16	18.87	18.85	19.12	19.70
	50	LOW	Q16	18.53	18.72	18.86	19.70
		MID	Q16	18.58	18.76	18.85	19.70
		HIGH	Q16	18.60	18.78	18.85	19.70
	100	LOW	Q16	18.60	18.74	18.75	19.70
20	1	LOW	64QAM	18.79	18.67	19.18	19.70
		MID	64QAM	18.81	18.83	19.24	19.70
		HIGH	64QAM	18.79	18.87	19.04	19.70
	50	LOW	64QAM	18.54	18.62	18.90	19.70
		MID	64QAM	18.50	18.89	18.76	19.70
		HIGH	64QAM	18.56	18.72	18.84	19.70
	100	LOW	64QAM	18.45	18.80	18.83	19.70

LTE B38-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	17.30	17.51	17.68	18.70
		MID	QPSK	17.59	17.80	17.82	18.70
		HIGH	QPSK	17.48	17.56	17.64	18.70
	12	LOW	QPSK	17.68	17.62	17.81	18.70
		MID	QPSK	17.50	17.74	17.79	18.70
		HIGH	QPSK	17.68	17.79	17.85	18.70
	25	LOW	QPSK	17.49	17.64	17.83	18.70
5	1	LOW	Q16	17.61	17.67	17.96	18.70
		MID	Q16	17.83	17.92	18.06	18.70
		HIGH	Q16	17.70	17.79	17.97	18.70
	12	LOW	Q16	17.48	17.60	17.69	18.70
		MID	Q16	17.65	17.78	17.75	18.70
		HIGH	Q16	17.67	17.82	17.89	18.70
	25	LOW	Q16	17.55	17.65	17.65	18.70
5	1	LOW	64QAM	17.65	17.55	17.93	18.70
		MID	64QAM	17.93	17.71	17.91	18.70
		HIGH	64QAM	17.75	17.74	18.06	18.70
	12	LOW	64QAM	17.64	17.65	17.73	18.70
		MID	64QAM	17.67	17.66	17.71	18.70
		HIGH	64QAM	17.63	17.58	17.75	18.70
	25	LOW	64QAM	17.41	17.59	17.61	18.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	17.22	17.34	17.63	18.70
		MID	QPSK	17.54	17.69	17.88	18.70
		HIGH	QPSK	17.55	17.61	17.50	18.70
	25	LOW	QPSK	17.60	17.60	17.84	18.70
		MID	QPSK	17.63	17.81	17.70	18.70
		HIGH	QPSK	17.70	17.62	17.81	18.70
	50	LOW	QPSK	17.43	17.59	17.64	18.70
10	1	LOW	Q16	17.48	17.49	18.00	18.70
		MID	Q16	17.79	17.94	18.20	18.70
		HIGH	Q16	17.93	17.94	17.79	18.70
	25	LOW	Q16	17.48	17.70	17.84	18.70
		MID	Q16	17.44	17.58	17.86	18.70
		HIGH	Q16	17.50	17.66	17.92	18.70
	50	LOW	Q16	17.56	17.69	17.61	18.70
10	1	LOW	64QAM	17.62	17.52	18.01	18.70
		MID	64QAM	17.77	17.95	18.21	18.70
		HIGH	64QAM	17.70	17.93	17.82	18.70
	25	LOW	64QAM	17.51	17.74	17.90	18.70
		MID	64QAM	17.67	17.64	17.90	18.70
		HIGH	64QAM	17.60	17.70	17.90	18.70
	50	LOW	64QAM	17.43	17.74	17.81	18.70

LTE B38-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	17.22	17.53	17.76	18.70
		MID	QPSK	17.68	17.78	17.83	18.70
		HIGH	QPSK	17.38	17.58	17.49	18.70
	36	LOW	QPSK	17.42	17.78	17.83	18.70
		MID	QPSK	17.65	17.81	17.67	18.70
		HIGH	QPSK	17.65	17.79	17.76	18.70
	75	LOW	QPSK	17.60	17.79	17.71	18.70
15	1	LOW	Q16	17.58	17.63	17.93	18.70
		MID	Q16	17.82	17.82	18.09	18.70
		HIGH	Q16	17.63	18.00	17.56	18.70
	36	LOW	Q16	17.39	17.65	17.82	18.70
		MID	Q16	17.67	17.85	17.71	18.70
		HIGH	Q16	17.51	17.73	17.77	18.70
	75	LOW	Q16	17.41	17.74	17.58	18.70
15	1	LOW	64QAM	17.65	17.59	17.96	18.70
		MID	64QAM	17.99	17.72	17.94	18.70
		HIGH	64QAM	17.77	17.80	17.70	18.70
	36	LOW	64QAM	17.48	17.78	17.69	18.70
		MID	64QAM	17.51	17.71	17.77	18.70
		HIGH	64QAM	17.46	17.74	17.78	18.70
	75	LOW	64QAM	17.48	17.83	17.66	18.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	17.34	17.43	17.64	18.70
		MID	QPSK	17.53	17.69	17.82	18.70
		HIGH	QPSK	17.52	17.66	17.64	18.70
	50	LOW	QPSK	17.63	17.69	17.80	18.70
		MID	QPSK	17.77	17.75	17.80	18.70
		HIGH	QPSK	17.81	17.76	17.78	18.70
	100	LOW	QPSK	17.52	17.72	17.73	18.70
20	1	LOW	Q16	17.67	17.61	18.08	18.70
		MID	Q16	17.85	17.86	18.22	18.70
		HIGH	Q16	17.85	17.85	18.04	18.70
	50	LOW	Q16	17.49	17.67	17.80	18.70
		MID	Q16	17.53	17.73	17.80	18.70
		HIGH	Q16	17.56	17.71	17.80	18.70
	100	LOW	Q16	17.54	17.72	17.69	18.70
20	1	LOW	64QAM	17.81	17.72	18.05	18.70
		MID	64QAM	17.84	17.94	18.12	18.70
		HIGH	64QAM	17.90	17.80	18.14	18.70
	50	LOW	64QAM	17.63	17.55	17.83	18.70
		MID	64QAM	17.64	17.86	17.88	18.70
		HIGH	64QAM	17.45	17.78	17.83	18.70
	100	LOW	64QAM	17.62	17.84	17.65	18.70

LTE B38-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.33	23.43	24.20
		MID	QPSK	23.31	23.33	23.42	24.20
		HIGH	QPSK	23.31	23.35	23.38	24.20
	12	LOW	QPSK	22.20	22.38	22.41	23.20
		MID	QPSK	22.21	22.31	22.36	23.20
		HIGH	QPSK	22.14	22.32	22.38	23.20
	25	LOW	QPSK	22.17	22.35	22.40	23.20
5	1	LOW	Q16	22.43	22.64	22.78	23.20
		MID	Q16	22.39	22.65	22.74	23.20
		HIGH	Q16	22.41	22.64	22.74	23.20
	12	LOW	Q16	21.24	21.33	21.46	22.20
		MID	Q16	21.20	21.28	21.46	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	25	LOW	Q16	21.17	21.35	21.38	22.20
5	1	LOW	64QAM	21.44	21.79	21.79	22.20
		MID	64QAM	21.34	21.65	21.89	22.20
		HIGH	64QAM	21.48	21.73	21.67	22.20
	12	LOW	64QAM	20.30	20.32	20.42	21.20
		MID	64QAM	20.21	20.21	20.44	21.20
		HIGH	64QAM	20.20	20.16	20.60	21.20
	25	LOW	64QAM	20.28	20.44	20.51	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.17	23.25	23.39	24.20
		MID	QPSK	23.21	23.38	23.43	24.20
		HIGH	QPSK	23.20	23.36	23.36	24.20
	25	LOW	QPSK	22.20	22.38	22.40	23.20
		MID	QPSK	22.20	22.37	22.43	23.20
		HIGH	QPSK	22.19	22.38	22.42	23.20
	50	LOW	QPSK	22.20	22.37	22.44	23.20
10	1	LOW	Q16	22.46	22.68	22.80	23.20
		MID	Q16	22.46	22.76	22.78	23.20
		HIGH	Q16	22.46	22.74	22.75	23.20
	25	LOW	Q16	21.21	21.36	21.41	22.20
		MID	Q16	21.15	21.38	21.44	22.20
		HIGH	Q16	21.19	21.36	21.48	22.20
	50	LOW	Q16	21.17	21.34	21.43	22.20
10	1	LOW	64QAM	21.58	21.80	21.71	22.20
		MID	64QAM	21.35	21.68	21.68	22.20
		HIGH	64QAM	21.57	21.62	21.60	22.20
	25	LOW	64QAM	20.18	20.21	20.45	21.20
		MID	64QAM	20.05	20.35	20.57	21.20
		HIGH	64QAM	20.33	20.50	20.54	21.20
	50	LOW	64QAM	20.18	20.31	20.42	21.20

LTE B38-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.12	23.15	23.36	24.20
		MID	QPSK	23.13	23.30	23.43	24.20
		HIGH	QPSK	23.15	23.26	23.29	24.20
	36	LOW	QPSK	22.13	22.27	22.33	23.20
		MID	QPSK	22.14	22.30	22.32	23.20
		HIGH	QPSK	22.18	22.31	22.38	23.20
	75	LOW	QPSK	22.15	22.35	22.33	23.20
15	1	LOW	Q16	22.43	22.61	22.65	23.20
		MID	Q16	22.44	22.75	22.72	23.20
		HIGH	Q16	22.43	22.71	22.57	23.20
	36	LOW	Q16	21.12	21.29	21.38	22.20
		MID	Q16	21.17	21.31	21.38	22.20
		HIGH	Q16	21.17	21.29	21.37	22.20
	75	LOW	Q16	21.12	21.29	21.31	22.20
15	1	LOW	64QAM	21.46	21.46	21.64	22.20
		MID	64QAM	21.30	21.61	21.84	22.20
		HIGH	64QAM	21.36	21.81	21.49	22.20
	36	LOW	64QAM	20.18	20.38	20.46	21.20
		MID	64QAM	20.29	20.39	20.28	21.20
		HIGH	64QAM	20.24	20.39	20.23	21.20
	75	LOW	64QAM	20.09	20.30	20.28	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.02	23.08	23.29	24.20
		MID	QPSK	23.15	23.32	23.42	24.20
		HIGH	QPSK	23.18	23.27	23.31	24.20
	50	LOW	QPSK	22.12	22.29	22.33	23.20
		MID	QPSK	22.18	22.33	22.38	23.20
		HIGH	QPSK	22.19	22.39	22.37	23.20
	100	LOW	QPSK	22.14	22.30	22.31	23.20
20	1	LOW	Q16	22.37	22.24	22.66	23.20
		MID	Q16	22.51	22.48	22.82	23.20
		HIGH	Q16	22.52	22.42	22.67	23.20
	50	LOW	Q16	21.12	21.30	21.40	22.20
		MID	Q16	21.14	21.32	21.44	22.20
		HIGH	Q16	21.16	21.33	21.39	22.20
	100	LOW	Q16	21.12	21.24	21.33	22.20
20	1	LOW	64QAM	21.27	21.09	21.59	22.20
		MID	64QAM	21.60	21.43	21.80	22.20
		HIGH	64QAM	21.63	21.56	21.79	22.20
	50	LOW	64QAM	19.98	20.24	20.53	21.20
		MID	64QAM	20.17	20.38	20.47	21.20
		HIGH	64QAM	20.07	20.43	20.40	21.20
	100	LOW	64QAM	20.05	20.37	20.35	21.20

LTE B38-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.33	23.43	24.20
		MID	QPSK	23.31	23.33	23.42	24.20
		HIGH	QPSK	23.31	23.35	23.38	24.20
	12	LOW	QPSK	22.20	22.38	22.41	23.20
		MID	QPSK	22.21	22.31	22.36	23.20
		HIGH	QPSK	22.14	22.32	22.38	23.20
	25	LOW	QPSK	22.17	22.35	22.40	23.20
5	1	LOW	Q16	22.43	22.64	22.78	23.20
		MID	Q16	22.39	22.65	22.74	23.20
		HIGH	Q16	22.41	22.64	22.74	23.20
	12	LOW	Q16	21.24	21.33	21.46	22.20
		MID	Q16	21.20	21.28	21.46	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	25	LOW	Q16	21.17	21.35	21.38	22.20
5	1	LOW	64QAM	21.44	21.79	21.79	22.20
		MID	64QAM	21.34	21.65	21.89	22.20
		HIGH	64QAM	21.48	21.73	21.67	22.20
	12	LOW	64QAM	20.30	20.32	20.42	21.20
		MID	64QAM	20.21	20.21	20.44	21.20
		HIGH	64QAM	20.20	20.16	20.60	21.20
	25	LOW	64QAM	20.28	20.44	20.51	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.17	23.25	23.39	24.20
		MID	QPSK	23.21	23.38	23.43	24.20
		HIGH	QPSK	23.20	23.36	23.36	24.20
	25	LOW	QPSK	22.20	22.38	22.40	23.20
		MID	QPSK	22.20	22.37	22.43	23.20
		HIGH	QPSK	22.19	22.38	22.42	23.20
	50	LOW	QPSK	22.20	22.37	22.44	23.20
10	1	LOW	Q16	22.46	22.68	22.80	23.20
		MID	Q16	22.46	22.76	22.78	23.20
		HIGH	Q16	22.46	22.74	22.75	23.20
	25	LOW	Q16	21.21	21.36	21.41	22.20
		MID	Q16	21.15	21.38	21.44	22.20
		HIGH	Q16	21.19	21.36	21.48	22.20
	50	LOW	Q16	21.17	21.34	21.43	22.20
10	1	LOW	64QAM	21.58	21.80	21.71	22.20
		MID	64QAM	21.35	21.68	21.68	22.20
		HIGH	64QAM	21.57	21.62	21.60	22.20
	25	LOW	64QAM	20.18	20.21	20.45	21.20
		MID	64QAM	20.05	20.35	20.57	21.20
		HIGH	64QAM	20.33	20.50	20.54	21.20
	50	LOW	64QAM	20.18	20.31	20.42	21.20

LTE B38-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.12	23.15	23.36	24.20
		MID	QPSK	23.13	23.30	23.43	24.20
		HIGH	QPSK	23.15	23.26	23.29	24.20
	36	LOW	QPSK	22.13	22.27	22.33	23.20
		MID	QPSK	22.14	22.30	22.32	23.20
		HIGH	QPSK	22.18	22.31	22.38	23.20
	75	LOW	QPSK	22.15	22.35	22.33	23.20
15	1	LOW	Q16	22.43	22.61	22.65	23.20
		MID	Q16	22.44	22.75	22.72	23.20
		HIGH	Q16	22.43	22.71	22.57	23.20
	36	LOW	Q16	21.12	21.29	21.38	22.20
		MID	Q16	21.17	21.31	21.38	22.20
		HIGH	Q16	21.17	21.29	21.37	22.20
	75	LOW	Q16	21.12	21.29	21.31	22.20
15	1	LOW	64QAM	21.46	21.46	21.64	22.20
		MID	64QAM	21.30	21.61	21.84	22.20
		HIGH	64QAM	21.36	21.81	21.49	22.20
	36	LOW	64QAM	20.18	20.38	20.46	21.20
		MID	64QAM	20.29	20.39	20.28	21.20
		HIGH	64QAM	20.24	20.39	20.23	21.20
	75	LOW	64QAM	20.09	20.30	20.28	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.02	23.08	23.29	24.20
		MID	QPSK	23.15	23.32	23.42	24.20
		HIGH	QPSK	23.18	23.27	23.31	24.20
	50	LOW	QPSK	22.12	22.29	22.33	23.20
		MID	QPSK	22.18	22.33	22.38	23.20
		HIGH	QPSK	22.19	22.39	22.37	23.20
	100	LOW	QPSK	22.14	22.30	22.31	23.20
20	1	LOW	Q16	22.37	22.24	22.66	23.20
		MID	Q16	22.51	22.48	22.82	23.20
		HIGH	Q16	22.52	22.42	22.67	23.20
	50	LOW	Q16	21.12	21.30	21.40	22.20
		MID	Q16	21.14	21.32	21.44	22.20
		HIGH	Q16	21.16	21.33	21.39	22.20
	100	LOW	Q16	21.12	21.24	21.33	22.20
20	1	LOW	64QAM	21.27	21.09	21.59	22.20
		MID	64QAM	21.60	21.43	21.80	22.20
		HIGH	64QAM	21.63	21.56	21.79	22.20
	50	LOW	64QAM	19.98	20.24	20.53	21.20
		MID	64QAM	20.17	20.38	20.47	21.20
		HIGH	64QAM	20.07	20.43	20.40	21.20
	100	LOW	64QAM	20.05	20.37	20.35	21.20

LTE B38-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.33	23.43	24.20
		MID	QPSK	23.31	23.33	23.42	24.20
		HIGH	QPSK	23.31	23.35	23.38	24.20
	12	LOW	QPSK	22.20	22.38	22.41	23.20
		MID	QPSK	22.21	22.31	22.36	23.20
		HIGH	QPSK	22.14	22.32	22.38	23.20
	25	LOW	QPSK	22.17	22.35	22.40	23.20
5	1	LOW	Q16	22.43	22.64	22.78	23.20
		MID	Q16	22.39	22.65	22.74	23.20
		HIGH	Q16	22.41	22.64	22.74	23.20
	12	LOW	Q16	21.24	21.33	21.46	22.20
		MID	Q16	21.20	21.28	21.46	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	25	LOW	Q16	21.17	21.35	21.38	22.20
5	1	LOW	64QAM	21.44	21.79	21.79	22.20
		MID	64QAM	21.34	21.65	21.89	22.20
		HIGH	64QAM	21.48	21.73	21.67	22.20
	12	LOW	64QAM	20.30	20.32	20.42	21.20
		MID	64QAM	20.21	20.21	20.44	21.20
		HIGH	64QAM	20.20	20.16	20.60	21.20
	25	LOW	64QAM	20.28	20.44	20.51	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.17	23.25	23.39	24.20
		MID	QPSK	23.21	23.38	23.43	24.20
		HIGH	QPSK	23.20	23.36	23.36	24.20
	25	LOW	QPSK	22.20	22.38	22.40	23.20
		MID	QPSK	22.20	22.37	22.43	23.20
		HIGH	QPSK	22.19	22.38	22.42	23.20
	50	LOW	QPSK	22.20	22.37	22.44	23.20
10	1	LOW	Q16	22.46	22.68	22.80	23.20
		MID	Q16	22.46	22.76	22.78	23.20
		HIGH	Q16	22.46	22.74	22.75	23.20
	25	LOW	Q16	21.21	21.36	21.41	22.20
		MID	Q16	21.15	21.38	21.44	22.20
		HIGH	Q16	21.19	21.36	21.48	22.20
	50	LOW	Q16	21.17	21.34	21.43	22.20
10	1	LOW	64QAM	21.58	21.80	21.71	22.20
		MID	64QAM	21.35	21.68	21.68	22.20
		HIGH	64QAM	21.57	21.62	21.60	22.20
	25	LOW	64QAM	20.18	20.21	20.45	21.20
		MID	64QAM	20.05	20.35	20.57	21.20
		HIGH	64QAM	20.33	20.50	20.54	21.20
	50	LOW	64QAM	20.18	20.31	20.42	21.20

LTE B38-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.12	23.15	23.36	24.20
		MID	QPSK	23.13	23.30	23.43	24.20
		HIGH	QPSK	23.15	23.26	23.29	24.20
	36	LOW	QPSK	22.13	22.27	22.33	23.20
		MID	QPSK	22.14	22.30	22.32	23.20
		HIGH	QPSK	22.18	22.31	22.38	23.20
	75	LOW	QPSK	22.15	22.35	22.33	23.20
15	1	LOW	Q16	22.43	22.61	22.65	23.20
		MID	Q16	22.44	22.75	22.72	23.20
		HIGH	Q16	22.43	22.71	22.57	23.20
	36	LOW	Q16	21.12	21.29	21.38	22.20
		MID	Q16	21.17	21.31	21.38	22.20
		HIGH	Q16	21.17	21.29	21.37	22.20
	75	LOW	Q16	21.12	21.29	21.31	22.20
15	1	LOW	64QAM	21.46	21.46	21.64	22.20
		MID	64QAM	21.30	21.61	21.84	22.20
		HIGH	64QAM	21.36	21.81	21.49	22.20
	36	LOW	64QAM	20.18	20.38	20.46	21.20
		MID	64QAM	20.29	20.39	20.28	21.20
		HIGH	64QAM	20.24	20.39	20.23	21.20
	75	LOW	64QAM	20.09	20.30	20.28	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.02	23.08	23.29	24.20
		MID	QPSK	23.15	23.32	23.42	24.20
		HIGH	QPSK	23.18	23.27	23.31	24.20
	50	LOW	QPSK	22.12	22.29	22.33	23.20
		MID	QPSK	22.18	22.33	22.38	23.20
		HIGH	QPSK	22.19	22.39	22.37	23.20
	100	LOW	QPSK	22.14	22.30	22.31	23.20
20	1	LOW	Q16	22.37	22.24	22.66	23.20
		MID	Q16	22.51	22.48	22.82	23.20
		HIGH	Q16	22.52	22.42	22.67	23.20
	50	LOW	Q16	21.12	21.30	21.40	22.20
		MID	Q16	21.14	21.32	21.44	22.20
		HIGH	Q16	21.16	21.33	21.39	22.20
	100	LOW	Q16	21.12	21.24	21.33	22.20
20	1	LOW	64QAM	21.27	21.09	21.59	22.20
		MID	64QAM	21.60	21.43	21.80	22.20
		HIGH	64QAM	21.63	21.56	21.79	22.20
	50	LOW	64QAM	19.98	20.24	20.53	21.20
		MID	64QAM	20.17	20.38	20.47	21.20
		HIGH	64QAM	20.07	20.43	20.40	21.20
	100	LOW	64QAM	20.05	20.37	20.35	21.20

LTE B38-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.33	23.43	24.20
		MID	QPSK	23.31	23.33	23.42	24.20
		HIGH	QPSK	23.31	23.35	23.38	24.20
	12	LOW	QPSK	22.20	22.38	22.41	23.20
		MID	QPSK	22.21	22.31	22.36	23.20
		HIGH	QPSK	22.14	22.32	22.38	23.20
	25	LOW	QPSK	22.17	22.35	22.40	23.20
5	1	LOW	Q16	22.43	22.64	22.78	23.20
		MID	Q16	22.39	22.65	22.74	23.20
		HIGH	Q16	22.41	22.64	22.74	23.20
	12	LOW	Q16	21.24	21.33	21.46	22.20
		MID	Q16	21.20	21.28	21.46	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	25	LOW	Q16	21.17	21.35	21.38	22.20
5	1	LOW	64QAM	21.44	21.79	21.79	22.20
		MID	64QAM	21.34	21.65	21.89	22.20
		HIGH	64QAM	21.48	21.73	21.67	22.20
	12	LOW	64QAM	20.30	20.32	20.42	21.20
		MID	64QAM	20.21	20.21	20.44	21.20
		HIGH	64QAM	20.20	20.16	20.60	21.20
	25	LOW	64QAM	20.28	20.44	20.51	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.17	23.25	23.39	24.20
		MID	QPSK	23.21	23.38	23.43	24.20
		HIGH	QPSK	23.20	23.36	23.36	24.20
	25	LOW	QPSK	22.20	22.38	22.40	23.20
		MID	QPSK	22.20	22.37	22.43	23.20
		HIGH	QPSK	22.19	22.38	22.42	23.20
	50	LOW	QPSK	22.20	22.37	22.44	23.20
10	1	LOW	Q16	22.46	22.68	22.80	23.20
		MID	Q16	22.46	22.76	22.78	23.20
		HIGH	Q16	22.46	22.74	22.75	23.20
	25	LOW	Q16	21.21	21.36	21.41	22.20
		MID	Q16	21.15	21.38	21.44	22.20
		HIGH	Q16	21.19	21.36	21.48	22.20
	50	LOW	Q16	21.17	21.34	21.43	22.20
10	1	LOW	64QAM	21.58	21.80	21.71	22.20
		MID	64QAM	21.35	21.68	21.68	22.20
		HIGH	64QAM	21.57	21.62	21.60	22.20
	25	LOW	64QAM	20.18	20.21	20.45	21.20
		MID	64QAM	20.05	20.35	20.57	21.20
		HIGH	64QAM	20.33	20.50	20.54	21.20
	50	LOW	64QAM	20.18	20.31	20.42	21.20

LTE B38-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.12	23.15	23.36	24.20
		MID	QPSK	23.13	23.30	23.43	24.20
		HIGH	QPSK	23.15	23.26	23.29	24.20
	36	LOW	QPSK	22.13	22.27	22.33	23.20
		MID	QPSK	22.14	22.30	22.32	23.20
		HIGH	QPSK	22.18	22.31	22.38	23.20
	75	LOW	QPSK	22.15	22.35	22.33	23.20
15	1	LOW	Q16	22.43	22.61	22.65	23.20
		MID	Q16	22.44	22.75	22.72	23.20
		HIGH	Q16	22.43	22.71	22.57	23.20
	36	LOW	Q16	21.12	21.29	21.38	22.20
		MID	Q16	21.17	21.31	21.38	22.20
		HIGH	Q16	21.17	21.29	21.37	22.20
	75	LOW	Q16	21.12	21.29	21.31	22.20
15	1	LOW	64QAM	21.46	21.46	21.64	22.20
		MID	64QAM	21.30	21.61	21.84	22.20
		HIGH	64QAM	21.36	21.81	21.49	22.20
	36	LOW	64QAM	20.18	20.38	20.46	21.20
		MID	64QAM	20.29	20.39	20.28	21.20
		HIGH	64QAM	20.24	20.39	20.23	21.20
	75	LOW	64QAM	20.09	20.30	20.28	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.02	23.08	23.29	24.20
		MID	QPSK	23.15	23.32	23.42	24.20
		HIGH	QPSK	23.18	23.27	23.31	24.20
	50	LOW	QPSK	22.12	22.29	22.33	23.20
		MID	QPSK	22.18	22.33	22.38	23.20
		HIGH	QPSK	22.19	22.39	22.37	23.20
	100	LOW	QPSK	22.14	22.30	22.31	23.20
20	1	LOW	Q16	22.37	22.24	22.66	23.20
		MID	Q16	22.51	22.48	22.82	23.20
		HIGH	Q16	22.52	22.42	22.67	23.20
	50	LOW	Q16	21.12	21.30	21.40	22.20
		MID	Q16	21.14	21.32	21.44	22.20
		HIGH	Q16	21.16	21.33	21.39	22.20
	100	LOW	Q16	21.12	21.24	21.33	22.20
20	1	LOW	64QAM	21.27	21.09	21.59	22.20
		MID	64QAM	21.60	21.43	21.80	22.20
		HIGH	64QAM	21.63	21.56	21.79	22.20
	50	LOW	64QAM	19.98	20.24	20.53	21.20
		MID	64QAM	20.17	20.38	20.47	21.20
		HIGH	64QAM	20.07	20.43	20.40	21.20
	100	LOW	64QAM	20.05	20.37	20.35	21.20

LTE B38-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.72	22.90	24.50
		MID	QPSK	22.53	22.73	22.70	24.50
		HIGH	QPSK	22.53	22.73	22.67	24.50
	12	LOW	QPSK	21.63	21.79	21.72	23.50
		MID	QPSK	21.65	21.73	21.59	23.50
		HIGH	QPSK	21.61	21.74	21.63	23.50
	25	LOW	QPSK	21.56	21.75	21.57	23.50
5	1	LOW	Q16	21.90	22.05	21.70	23.50
		MID	Q16	21.87	22.06	21.81	23.50
		HIGH	Q16	21.85	22.07	21.63	23.50
	12	LOW	Q16	20.64	20.88	20.85	22.50
		MID	Q16	20.61	20.80	20.85	22.50
		HIGH	Q16	20.59	20.82	20.86	22.50
	25	LOW	Q16	20.63	20.80	20.84	22.50
5	1	LOW	64QAM	20.82	21.07	20.67	22.50
		MID	64QAM	21.02	21.16	20.68	22.50
		HIGH	64QAM	20.74	21.15	20.69	22.50
	12	LOW	64QAM	19.77	19.73	19.71	21.50
		MID	64QAM	19.73	19.75	19.86	21.50
		HIGH	64QAM	19.55	19.88	20.00	21.50
	25	LOW	64QAM	19.67	19.82	19.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.66	22.81	24.50
		MID	QPSK	22.65	22.73	22.83	24.50
		HIGH	QPSK	22.62	22.74	22.76	24.50
	25	LOW	QPSK	21.68	21.81	21.80	23.50
		MID	QPSK	21.67	21.76	21.84	23.50
		HIGH	QPSK	21.65	21.81	21.86	23.50
	50	LOW	QPSK	21.69	21.81	21.85	23.50
10	1	LOW	Q16	21.91	22.06	22.16	23.50
		MID	Q16	21.91	22.13	22.22	23.50
		HIGH	Q16	21.92	22.13	22.15	23.50
	25	LOW	Q16	20.72	20.84	20.83	22.50
		MID	Q16	20.67	20.79	20.90	22.50
		HIGH	Q16	20.68	20.80	20.91	22.50
	50	LOW	Q16	20.69	20.83	20.88	22.50
10	1	LOW	64QAM	20.87	21.12	21.24	22.50
		MID	64QAM	20.85	21.21	21.11	22.50
		HIGH	64QAM	20.94	21.25	21.02	22.50
	25	LOW	64QAM	19.58	19.87	19.78	21.50
		MID	64QAM	19.82	19.80	19.77	21.50
		HIGH	64QAM	19.57	19.69	19.80	21.50
	50	LOW	64QAM	19.58	19.71	19.97	21.50

LTE B38-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.57	22.59	22.77	24.50
		MID	QPSK	22.58	22.69	22.85	24.50
		HIGH	QPSK	22.57	22.67	22.71	24.50
	36	LOW	QPSK	21.59	21.71	21.76	23.50
		MID	QPSK	21.59	21.76	21.77	23.50
		HIGH	QPSK	21.59	21.73	21.81	23.50
	75	LOW	QPSK	21.60	21.72	21.77	23.50
15	1	LOW	Q16	21.84	22.01	22.03	23.50
		MID	Q16	21.85	22.12	22.14	23.50
		HIGH	Q16	21.85	22.09	22.00	23.50
	36	LOW	Q16	20.60	20.71	20.78	22.50
		MID	Q16	20.63	20.73	20.83	22.50
		HIGH	Q16	20.62	20.72	20.87	22.50
	75	LOW	Q16	20.63	20.75	20.80	22.50
15	1	LOW	64QAM	20.77	21.10	21.05	22.50
		MID	64QAM	20.75	21.18	21.21	22.50
		HIGH	64QAM	20.77	21.10	20.91	22.50
	36	LOW	64QAM	19.63	19.78	19.89	21.50
		MID	64QAM	19.61	19.75	19.94	21.50
		HIGH	64QAM	19.57	19.63	19.96	21.50
	75	LOW	64QAM	19.62	19.75	19.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.50	22.65	24.50
		MID	QPSK	22.59	22.71	22.81	24.50
		HIGH	QPSK	22.59	22.69	22.73	24.50
	50	LOW	QPSK	21.63	21.76	21.81	23.50
		MID	QPSK	21.67	21.77	21.82	23.50
		HIGH	QPSK	21.65	21.79	21.86	23.50
	100	LOW	QPSK	21.61	21.71	21.80	23.50
20	1	LOW	Q16	21.83	21.66	22.10	23.50
		MID	Q16	21.96	21.82	22.25	23.50
		HIGH	Q16	21.92	21.84	22.13	23.50
	50	LOW	Q16	20.62	20.76	20.81	22.50
		MID	Q16	20.63	20.76	20.85	22.50
		HIGH	Q16	20.64	20.77	20.88	22.50
	100	LOW	Q16	20.62	20.75	20.77	22.50
20	1	LOW	64QAM	20.92	20.74	21.06	22.50
		MID	64QAM	21.04	20.81	21.36	22.50
		HIGH	64QAM	21.03	20.99	21.03	22.50
	50	LOW	64QAM	19.69	19.67	19.71	21.50
		MID	64QAM	19.55	19.82	19.98	21.50
		HIGH	64QAM	19.64	19.72	19.96	21.50
	100	LOW	64QAM	19.72	19.72	19.88	21.50

LTE B38-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.72	22.90	24.50
		MID	QPSK	22.53	22.73	22.70	24.50
		HIGH	QPSK	22.53	22.73	22.67	24.50
	12	LOW	QPSK	21.63	21.79	21.72	23.50
		MID	QPSK	21.65	21.73	21.59	23.50
		HIGH	QPSK	21.61	21.74	21.63	23.50
	25	LOW	QPSK	21.56	21.75	21.57	23.50
5	1	LOW	Q16	21.90	22.05	21.70	23.50
		MID	Q16	21.87	22.06	21.81	23.50
		HIGH	Q16	21.85	22.07	21.63	23.50
	12	LOW	Q16	20.64	20.88	20.85	22.50
		MID	Q16	20.61	20.80	20.85	22.50
		HIGH	Q16	20.59	20.82	20.86	22.50
	25	LOW	Q16	20.63	20.80	20.84	22.50
5	1	LOW	64QAM	20.82	21.07	20.67	22.50
		MID	64QAM	21.02	21.16	20.68	22.50
		HIGH	64QAM	20.74	21.15	20.69	22.50
	12	LOW	64QAM	19.77	19.73	19.71	21.50
		MID	64QAM	19.73	19.75	19.86	21.50
		HIGH	64QAM	19.55	19.88	20.00	21.50
	25	LOW	64QAM	19.67	19.82	19.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.66	22.81	24.50
		MID	QPSK	22.65	22.73	22.83	24.50
		HIGH	QPSK	22.62	22.74	22.76	24.50
	25	LOW	QPSK	21.68	21.81	21.80	23.50
		MID	QPSK	21.67	21.76	21.84	23.50
		HIGH	QPSK	21.65	21.81	21.86	23.50
	50	LOW	QPSK	21.69	21.81	21.85	23.50
10	1	LOW	Q16	21.91	22.06	22.16	23.50
		MID	Q16	21.91	22.13	22.22	23.50
		HIGH	Q16	21.92	22.13	22.15	23.50
	25	LOW	Q16	20.72	20.84	20.83	22.50
		MID	Q16	20.67	20.79	20.90	22.50
		HIGH	Q16	20.68	20.80	20.91	22.50
	50	LOW	Q16	20.69	20.83	20.88	22.50
10	1	LOW	64QAM	20.87	21.12	21.24	22.50
		MID	64QAM	20.85	21.21	21.11	22.50
		HIGH	64QAM	20.94	21.25	21.02	22.50
	25	LOW	64QAM	19.58	19.87	19.78	21.50
		MID	64QAM	19.82	19.80	19.77	21.50
		HIGH	64QAM	19.57	19.69	19.80	21.50
	50	LOW	64QAM	19.58	19.71	19.97	21.50

LTE B38-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.57	22.59	22.77	24.50
		MID	QPSK	22.58	22.69	22.85	24.50
		HIGH	QPSK	22.57	22.67	22.71	24.50
	36	LOW	QPSK	21.59	21.71	21.76	23.50
		MID	QPSK	21.59	21.76	21.77	23.50
		HIGH	QPSK	21.59	21.73	21.81	23.50
	75	LOW	QPSK	21.60	21.72	21.77	23.50
15	1	LOW	Q16	21.84	22.01	22.03	23.50
		MID	Q16	21.85	22.12	22.14	23.50
		HIGH	Q16	21.85	22.09	22.00	23.50
	36	LOW	Q16	20.60	20.71	20.78	22.50
		MID	Q16	20.63	20.73	20.83	22.50
		HIGH	Q16	20.62	20.72	20.87	22.50
	75	LOW	Q16	20.63	20.75	20.80	22.50
15	1	LOW	64QAM	20.77	21.10	21.05	22.50
		MID	64QAM	20.75	21.18	21.21	22.50
		HIGH	64QAM	20.77	21.10	20.91	22.50
	36	LOW	64QAM	19.63	19.78	19.89	21.50
		MID	64QAM	19.61	19.75	19.94	21.50
		HIGH	64QAM	19.57	19.63	19.96	21.50
	75	LOW	64QAM	19.62	19.75	19.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.50	22.65	24.50
		MID	QPSK	22.59	22.71	22.81	24.50
		HIGH	QPSK	22.59	22.69	22.73	24.50
	50	LOW	QPSK	21.63	21.76	21.81	23.50
		MID	QPSK	21.67	21.77	21.82	23.50
		HIGH	QPSK	21.65	21.79	21.86	23.50
	100	LOW	QPSK	21.61	21.71	21.80	23.50
20	1	LOW	Q16	21.83	21.66	22.10	23.50
		MID	Q16	21.96	21.82	22.25	23.50
		HIGH	Q16	21.92	21.84	22.13	23.50
	50	LOW	Q16	20.62	20.76	20.81	22.50
		MID	Q16	20.63	20.76	20.85	22.50
		HIGH	Q16	20.64	20.77	20.88	22.50
	100	LOW	Q16	20.62	20.75	20.77	22.50
20	1	LOW	64QAM	20.92	20.74	21.06	22.50
		MID	64QAM	21.04	20.81	21.36	22.50
		HIGH	64QAM	21.03	20.99	21.03	22.50
	50	LOW	64QAM	19.69	19.67	19.71	21.50
		MID	64QAM	19.55	19.82	19.98	21.50
		HIGH	64QAM	19.64	19.72	19.96	21.50
	100	LOW	64QAM	19.72	19.72	19.88	21.50

LTE B38-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.72	22.90	24.50
		MID	QPSK	22.53	22.73	22.70	24.50
		HIGH	QPSK	22.53	22.73	22.67	24.50
	12	LOW	QPSK	21.63	21.79	21.72	23.50
		MID	QPSK	21.65	21.73	21.59	23.50
		HIGH	QPSK	21.61	21.74	21.63	23.50
	25	LOW	QPSK	21.56	21.75	21.57	23.50
5	1	LOW	Q16	21.90	22.05	21.70	23.50
		MID	Q16	21.87	22.06	21.81	23.50
		HIGH	Q16	21.85	22.07	21.63	23.50
	12	LOW	Q16	20.64	20.88	20.85	22.50
		MID	Q16	20.61	20.80	20.85	22.50
		HIGH	Q16	20.59	20.82	20.86	22.50
	25	LOW	Q16	20.63	20.80	20.84	22.50
5	1	LOW	64QAM	20.82	21.07	20.67	22.50
		MID	64QAM	21.02	21.16	20.68	22.50
		HIGH	64QAM	20.74	21.15	20.69	22.50
	12	LOW	64QAM	19.77	19.73	19.71	21.50
		MID	64QAM	19.73	19.75	19.86	21.50
		HIGH	64QAM	19.55	19.88	20.00	21.50
	25	LOW	64QAM	19.67	19.82	19.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.66	22.81	24.50
		MID	QPSK	22.65	22.73	22.83	24.50
		HIGH	QPSK	22.62	22.74	22.76	24.50
	25	LOW	QPSK	21.68	21.81	21.80	23.50
		MID	QPSK	21.67	21.76	21.84	23.50
		HIGH	QPSK	21.65	21.81	21.86	23.50
	50	LOW	QPSK	21.69	21.81	21.85	23.50
10	1	LOW	Q16	21.91	22.06	22.16	23.50
		MID	Q16	21.91	22.13	22.22	23.50
		HIGH	Q16	21.92	22.13	22.15	23.50
	25	LOW	Q16	20.72	20.84	20.83	22.50
		MID	Q16	20.67	20.79	20.90	22.50
		HIGH	Q16	20.68	20.80	20.91	22.50
	50	LOW	Q16	20.69	20.83	20.88	22.50
10	1	LOW	64QAM	20.87	21.12	21.24	22.50
		MID	64QAM	20.85	21.21	21.11	22.50
		HIGH	64QAM	20.94	21.25	21.02	22.50
	25	LOW	64QAM	19.58	19.87	19.78	21.50
		MID	64QAM	19.82	19.80	19.77	21.50
		HIGH	64QAM	19.57	19.69	19.80	21.50
	50	LOW	64QAM	19.58	19.71	19.97	21.50

LTE B38-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.57	22.59	22.77	24.50
		MID	QPSK	22.58	22.69	22.85	24.50
		HIGH	QPSK	22.57	22.67	22.71	24.50
	36	LOW	QPSK	21.59	21.71	21.76	23.50
		MID	QPSK	21.59	21.76	21.77	23.50
		HIGH	QPSK	21.59	21.73	21.81	23.50
	75	LOW	QPSK	21.60	21.72	21.77	23.50
15	1	LOW	Q16	21.84	22.01	22.03	23.50
		MID	Q16	21.85	22.12	22.14	23.50
		HIGH	Q16	21.85	22.09	22.00	23.50
	36	LOW	Q16	20.60	20.71	20.78	22.50
		MID	Q16	20.63	20.73	20.83	22.50
		HIGH	Q16	20.62	20.72	20.87	22.50
	75	LOW	Q16	20.63	20.75	20.80	22.50
15	1	LOW	64QAM	20.77	21.10	21.05	22.50
		MID	64QAM	20.75	21.18	21.21	22.50
		HIGH	64QAM	20.77	21.10	20.91	22.50
	36	LOW	64QAM	19.63	19.78	19.89	21.50
		MID	64QAM	19.61	19.75	19.94	21.50
		HIGH	64QAM	19.57	19.63	19.96	21.50
	75	LOW	64QAM	19.62	19.75	19.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.50	22.65	24.50
		MID	QPSK	22.59	22.71	22.81	24.50
		HIGH	QPSK	22.59	22.69	22.73	24.50
	50	LOW	QPSK	21.63	21.76	21.81	23.50
		MID	QPSK	21.67	21.77	21.82	23.50
		HIGH	QPSK	21.65	21.79	21.86	23.50
	100	LOW	QPSK	21.61	21.71	21.80	23.50
20	1	LOW	Q16	21.83	21.66	22.10	23.50
		MID	Q16	21.96	21.82	22.25	23.50
		HIGH	Q16	21.92	21.84	22.13	23.50
	50	LOW	Q16	20.62	20.76	20.81	22.50
		MID	Q16	20.63	20.76	20.85	22.50
		HIGH	Q16	20.64	20.77	20.88	22.50
	100	LOW	Q16	20.62	20.75	20.77	22.50
20	1	LOW	64QAM	20.92	20.74	21.06	22.50
		MID	64QAM	21.04	20.81	21.36	22.50
		HIGH	64QAM	21.03	20.99	21.03	22.50
	50	LOW	64QAM	19.69	19.67	19.71	21.50
		MID	64QAM	19.55	19.82	19.98	21.50
		HIGH	64QAM	19.64	19.72	19.96	21.50
	100	LOW	64QAM	19.72	19.72	19.88	21.50

LTE B38-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.72	22.90	24.50
		MID	QPSK	22.53	22.73	22.70	24.50
		HIGH	QPSK	22.53	22.73	22.67	24.50
	12	LOW	QPSK	21.63	21.79	21.72	23.50
		MID	QPSK	21.65	21.73	21.59	23.50
		HIGH	QPSK	21.61	21.74	21.63	23.50
	25	LOW	QPSK	21.56	21.75	21.57	23.50
5	1	LOW	Q16	21.90	22.05	21.70	23.50
		MID	Q16	21.87	22.06	21.81	23.50
		HIGH	Q16	21.85	22.07	21.63	23.50
	12	LOW	Q16	20.64	20.88	20.85	22.50
		MID	Q16	20.61	20.80	20.85	22.50
		HIGH	Q16	20.59	20.82	20.86	22.50
	25	LOW	Q16	20.63	20.80	20.84	22.50
5	1	LOW	64QAM	20.82	21.07	20.67	22.50
		MID	64QAM	21.02	21.16	20.68	22.50
		HIGH	64QAM	20.74	21.15	20.69	22.50
	12	LOW	64QAM	19.77	19.73	19.71	21.50
		MID	64QAM	19.73	19.75	19.86	21.50
		HIGH	64QAM	19.55	19.88	20.00	21.50
	25	LOW	64QAM	19.67	19.82	19.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.66	22.81	24.50
		MID	QPSK	22.65	22.73	22.83	24.50
		HIGH	QPSK	22.62	22.74	22.76	24.50
	25	LOW	QPSK	21.68	21.81	21.80	23.50
		MID	QPSK	21.67	21.76	21.84	23.50
		HIGH	QPSK	21.65	21.81	21.86	23.50
	50	LOW	QPSK	21.69	21.81	21.85	23.50
10	1	LOW	Q16	21.91	22.06	22.16	23.50
		MID	Q16	21.91	22.13	22.22	23.50
		HIGH	Q16	21.92	22.13	22.15	23.50
	25	LOW	Q16	20.72	20.84	20.83	22.50
		MID	Q16	20.67	20.79	20.90	22.50
		HIGH	Q16	20.68	20.80	20.91	22.50
	50	LOW	Q16	20.69	20.83	20.88	22.50
10	1	LOW	64QAM	20.87	21.12	21.24	22.50
		MID	64QAM	20.85	21.21	21.11	22.50
		HIGH	64QAM	20.94	21.25	21.02	22.50
	25	LOW	64QAM	19.58	19.87	19.78	21.50
		MID	64QAM	19.82	19.80	19.77	21.50
		HIGH	64QAM	19.57	19.69	19.80	21.50
	50	LOW	64QAM	19.58	19.71	19.97	21.50

LTE B38-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.57	22.59	22.77	24.50
		MID	QPSK	22.58	22.69	22.85	24.50
		HIGH	QPSK	22.57	22.67	22.71	24.50
	36	LOW	QPSK	21.59	21.71	21.76	23.50
		MID	QPSK	21.59	21.76	21.77	23.50
		HIGH	QPSK	21.59	21.73	21.81	23.50
	75	LOW	QPSK	21.60	21.72	21.77	23.50
15	1	LOW	Q16	21.84	22.01	22.03	23.50
		MID	Q16	21.85	22.12	22.14	23.50
		HIGH	Q16	21.85	22.09	22.00	23.50
	36	LOW	Q16	20.60	20.71	20.78	22.50
		MID	Q16	20.63	20.73	20.83	22.50
		HIGH	Q16	20.62	20.72	20.87	22.50
	75	LOW	Q16	20.63	20.75	20.80	22.50
15	1	LOW	64QAM	20.77	21.10	21.05	22.50
		MID	64QAM	20.75	21.18	21.21	22.50
		HIGH	64QAM	20.77	21.10	20.91	22.50
	36	LOW	64QAM	19.63	19.78	19.89	21.50
		MID	64QAM	19.61	19.75	19.94	21.50
		HIGH	64QAM	19.57	19.63	19.96	21.50
	75	LOW	64QAM	19.62	19.75	19.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.50	22.65	24.50
		MID	QPSK	22.59	22.71	22.81	24.50
		HIGH	QPSK	22.59	22.69	22.73	24.50
	50	LOW	QPSK	21.63	21.76	21.81	23.50
		MID	QPSK	21.67	21.77	21.82	23.50
		HIGH	QPSK	21.65	21.79	21.86	23.50
	100	LOW	QPSK	21.61	21.71	21.80	23.50
20	1	LOW	Q16	21.83	21.66	22.10	23.50
		MID	Q16	21.96	21.82	22.25	23.50
		HIGH	Q16	21.92	21.84	22.13	23.50
	50	LOW	Q16	20.62	20.76	20.81	22.50
		MID	Q16	20.63	20.76	20.85	22.50
		HIGH	Q16	20.64	20.77	20.88	22.50
	100	LOW	Q16	20.62	20.75	20.77	22.50
20	1	LOW	64QAM	20.92	20.74	21.06	22.50
		MID	64QAM	21.04	20.81	21.36	22.50
		HIGH	64QAM	21.03	20.99	21.03	22.50
	50	LOW	64QAM	19.69	19.67	19.71	21.50
		MID	64QAM	19.55	19.82	19.98	21.50
		HIGH	64QAM	19.64	19.72	19.96	21.50
	100	LOW	64QAM	19.72	19.72	19.88	21.50

LTE B38-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.72	22.90	24.50
		MID	QPSK	22.53	22.73	22.70	24.50
		HIGH	QPSK	22.53	22.73	22.67	24.50
	12	LOW	QPSK	21.63	21.79	21.72	23.50
		MID	QPSK	21.65	21.73	21.59	23.50
		HIGH	QPSK	21.61	21.74	21.63	23.50
	25	LOW	QPSK	21.56	21.75	21.57	23.50
5	1	LOW	Q16	21.90	22.05	21.70	23.50
		MID	Q16	21.87	22.06	21.81	23.50
		HIGH	Q16	21.85	22.07	21.63	23.50
	12	LOW	Q16	20.64	20.88	20.85	22.50
		MID	Q16	20.61	20.80	20.85	22.50
		HIGH	Q16	20.59	20.82	20.86	22.50
	25	LOW	Q16	20.63	20.80	20.84	22.50
5	1	LOW	64QAM	20.82	21.07	20.67	22.50
		MID	64QAM	21.02	21.16	20.68	22.50
		HIGH	64QAM	20.74	21.15	20.69	22.50
	12	LOW	64QAM	19.77	19.73	19.71	21.50
		MID	64QAM	19.73	19.75	19.86	21.50
		HIGH	64QAM	19.55	19.88	20.00	21.50
	25	LOW	64QAM	19.67	19.82	19.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.66	22.81	24.50
		MID	QPSK	22.65	22.73	22.83	24.50
		HIGH	QPSK	22.62	22.74	22.76	24.50
	25	LOW	QPSK	21.68	21.81	21.80	23.50
		MID	QPSK	21.67	21.76	21.84	23.50
		HIGH	QPSK	21.65	21.81	21.86	23.50
	50	LOW	QPSK	21.69	21.81	21.85	23.50
10	1	LOW	Q16	21.91	22.06	22.16	23.50
		MID	Q16	21.91	22.13	22.22	23.50
		HIGH	Q16	21.92	22.13	22.15	23.50
	25	LOW	Q16	20.72	20.84	20.83	22.50
		MID	Q16	20.67	20.79	20.90	22.50
		HIGH	Q16	20.68	20.80	20.91	22.50
	50	LOW	Q16	20.69	20.83	20.88	22.50
10	1	LOW	64QAM	20.87	21.12	21.24	22.50
		MID	64QAM	20.85	21.21	21.11	22.50
		HIGH	64QAM	20.94	21.25	21.02	22.50
	25	LOW	64QAM	19.58	19.87	19.78	21.50
		MID	64QAM	19.82	19.80	19.77	21.50
		HIGH	64QAM	19.57	19.69	19.80	21.50
	50	LOW	64QAM	19.58	19.71	19.97	21.50

LTE B38-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.57	22.59	22.77	24.50
		MID	QPSK	22.58	22.69	22.85	24.50
		HIGH	QPSK	22.57	22.67	22.71	24.50
	36	LOW	QPSK	21.59	21.71	21.76	23.50
		MID	QPSK	21.59	21.76	21.77	23.50
		HIGH	QPSK	21.59	21.73	21.81	23.50
	75	LOW	QPSK	21.60	21.72	21.77	23.50
15	1	LOW	Q16	21.84	22.01	22.03	23.50
		MID	Q16	21.85	22.12	22.14	23.50
		HIGH	Q16	21.85	22.09	22.00	23.50
	36	LOW	Q16	20.60	20.71	20.78	22.50
		MID	Q16	20.63	20.73	20.83	22.50
		HIGH	Q16	20.62	20.72	20.87	22.50
	75	LOW	Q16	20.63	20.75	20.80	22.50
15	1	LOW	64QAM	20.77	21.10	21.05	22.50
		MID	64QAM	20.75	21.18	21.21	22.50
		HIGH	64QAM	20.77	21.10	20.91	22.50
	36	LOW	64QAM	19.63	19.78	19.89	21.50
		MID	64QAM	19.61	19.75	19.94	21.50
		HIGH	64QAM	19.57	19.63	19.96	21.50
	75	LOW	64QAM	19.62	19.75	19.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.50	22.65	24.50
		MID	QPSK	22.59	22.71	22.81	24.50
		HIGH	QPSK	22.59	22.69	22.73	24.50
	50	LOW	QPSK	21.63	21.76	21.81	23.50
		MID	QPSK	21.67	21.77	21.82	23.50
		HIGH	QPSK	21.65	21.79	21.86	23.50
	100	LOW	QPSK	21.61	21.71	21.80	23.50
20	1	LOW	Q16	21.83	21.66	22.10	23.50
		MID	Q16	21.96	21.82	22.25	23.50
		HIGH	Q16	21.92	21.84	22.13	23.50
	50	LOW	Q16	20.62	20.76	20.81	22.50
		MID	Q16	20.63	20.76	20.85	22.50
		HIGH	Q16	20.64	20.77	20.88	22.50
	100	LOW	Q16	20.62	20.75	20.77	22.50
20	1	LOW	64QAM	20.92	20.74	21.06	22.50
		MID	64QAM	21.04	20.81	21.36	22.50
		HIGH	64QAM	21.03	20.99	21.03	22.50
	50	LOW	64QAM	19.69	19.67	19.71	21.50
		MID	64QAM	19.55	19.82	19.98	21.50
		HIGH	64QAM	19.64	19.72	19.96	21.50
	100	LOW	64QAM	19.72	19.72	19.88	21.50

LTE B38-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.72	22.90	24.50
		MID	QPSK	22.53	22.73	22.70	24.50
		HIGH	QPSK	22.53	22.73	22.67	24.50
	12	LOW	QPSK	21.63	21.79	21.72	23.50
		MID	QPSK	21.65	21.73	21.59	23.50
		HIGH	QPSK	21.61	21.74	21.63	23.50
	25	LOW	QPSK	21.56	21.75	21.57	23.50
5	1	LOW	Q16	21.90	22.05	21.70	23.50
		MID	Q16	21.87	22.06	21.81	23.50
		HIGH	Q16	21.85	22.07	21.63	23.50
	12	LOW	Q16	20.64	20.88	20.85	22.50
		MID	Q16	20.61	20.80	20.85	22.50
		HIGH	Q16	20.59	20.82	20.86	22.50
	25	LOW	Q16	20.63	20.80	20.84	22.50
5	1	LOW	64QAM	20.82	21.07	20.67	22.50
		MID	64QAM	21.02	21.16	20.68	22.50
		HIGH	64QAM	20.74	21.15	20.69	22.50
	12	LOW	64QAM	19.77	19.73	19.71	21.50
		MID	64QAM	19.73	19.75	19.86	21.50
		HIGH	64QAM	19.55	19.88	20.00	21.50
	25	LOW	64QAM	19.67	19.82	19.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.66	22.81	24.50
		MID	QPSK	22.65	22.73	22.83	24.50
		HIGH	QPSK	22.62	22.74	22.76	24.50
	25	LOW	QPSK	21.68	21.81	21.80	23.50
		MID	QPSK	21.67	21.76	21.84	23.50
		HIGH	QPSK	21.65	21.81	21.86	23.50
	50	LOW	QPSK	21.69	21.81	21.85	23.50
10	1	LOW	Q16	21.91	22.06	22.16	23.50
		MID	Q16	21.91	22.13	22.22	23.50
		HIGH	Q16	21.92	22.13	22.15	23.50
	25	LOW	Q16	20.72	20.84	20.83	22.50
		MID	Q16	20.67	20.79	20.90	22.50
		HIGH	Q16	20.68	20.80	20.91	22.50
	50	LOW	Q16	20.69	20.83	20.88	22.50
10	1	LOW	64QAM	20.87	21.12	21.24	22.50
		MID	64QAM	20.85	21.21	21.11	22.50
		HIGH	64QAM	20.94	21.25	21.02	22.50
	25	LOW	64QAM	19.58	19.87	19.78	21.50
		MID	64QAM	19.82	19.80	19.77	21.50
		HIGH	64QAM	19.57	19.69	19.80	21.50
	50	LOW	64QAM	19.58	19.71	19.97	21.50

LTE B38-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.57	22.59	22.77	24.50
		MID	QPSK	22.58	22.69	22.85	24.50
		HIGH	QPSK	22.57	22.67	22.71	24.50
	36	LOW	QPSK	21.59	21.71	21.76	23.50
		MID	QPSK	21.59	21.76	21.77	23.50
		HIGH	QPSK	21.59	21.73	21.81	23.50
	75	LOW	QPSK	21.60	21.72	21.77	23.50
15	1	LOW	Q16	21.84	22.01	22.03	23.50
		MID	Q16	21.85	22.12	22.14	23.50
		HIGH	Q16	21.85	22.09	22.00	23.50
	36	LOW	Q16	20.60	20.71	20.78	22.50
		MID	Q16	20.63	20.73	20.83	22.50
		HIGH	Q16	20.62	20.72	20.87	22.50
	75	LOW	Q16	20.63	20.75	20.80	22.50
15	1	LOW	64QAM	20.77	21.10	21.05	22.50
		MID	64QAM	20.75	21.18	21.21	22.50
		HIGH	64QAM	20.77	21.10	20.91	22.50
	36	LOW	64QAM	19.63	19.78	19.89	21.50
		MID	64QAM	19.61	19.75	19.94	21.50
		HIGH	64QAM	19.57	19.63	19.96	21.50
	75	LOW	64QAM	19.62	19.75	19.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.50	22.65	24.50
		MID	QPSK	22.59	22.71	22.81	24.50
		HIGH	QPSK	22.59	22.69	22.73	24.50
	50	LOW	QPSK	21.63	21.76	21.81	23.50
		MID	QPSK	21.67	21.77	21.82	23.50
		HIGH	QPSK	21.65	21.79	21.86	23.50
	100	LOW	QPSK	21.61	21.71	21.80	23.50
20	1	LOW	Q16	21.83	21.66	22.10	23.50
		MID	Q16	21.96	21.82	22.25	23.50
		HIGH	Q16	21.92	21.84	22.13	23.50
	50	LOW	Q16	20.62	20.76	20.81	22.50
		MID	Q16	20.63	20.76	20.85	22.50
		HIGH	Q16	20.64	20.77	20.88	22.50
	100	LOW	Q16	20.62	20.75	20.77	22.50
20	1	LOW	64QAM	20.92	20.74	21.06	22.50
		MID	64QAM	21.04	20.81	21.36	22.50
		HIGH	64QAM	21.03	20.99	21.03	22.50
	50	LOW	64QAM	19.69	19.67	19.71	21.50
		MID	64QAM	19.55	19.82	19.98	21.50
		HIGH	64QAM	19.64	19.72	19.96	21.50
	100	LOW	64QAM	19.72	19.72	19.88	21.50

LTE B38-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.55	22.72	22.90	24.50
		MID	QPSK	22.53	22.73	22.70	24.50
		HIGH	QPSK	22.53	22.73	22.67	24.50
	12	LOW	QPSK	21.63	21.79	21.72	23.50
		MID	QPSK	21.65	21.73	21.59	23.50
		HIGH	QPSK	21.61	21.74	21.63	23.50
	25	LOW	QPSK	21.56	21.75	21.57	23.50
5	1	LOW	Q16	21.90	22.05	21.70	23.50
		MID	Q16	21.87	22.06	21.81	23.50
		HIGH	Q16	21.85	22.07	21.63	23.50
	12	LOW	Q16	20.64	20.88	20.85	22.50
		MID	Q16	20.61	20.80	20.85	22.50
		HIGH	Q16	20.59	20.82	20.86	22.50
	25	LOW	Q16	20.63	20.80	20.84	22.50
5	1	LOW	64QAM	20.82	21.07	20.67	22.50
		MID	64QAM	21.02	21.16	20.68	22.50
		HIGH	64QAM	20.74	21.15	20.69	22.50
	12	LOW	64QAM	19.77	19.73	19.71	21.50
		MID	64QAM	19.73	19.75	19.86	21.50
		HIGH	64QAM	19.55	19.88	20.00	21.50
	25	LOW	64QAM	19.67	19.82	19.77	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.66	22.81	24.50
		MID	QPSK	22.65	22.73	22.83	24.50
		HIGH	QPSK	22.62	22.74	22.76	24.50
	25	LOW	QPSK	21.68	21.81	21.80	23.50
		MID	QPSK	21.67	21.76	21.84	23.50
		HIGH	QPSK	21.65	21.81	21.86	23.50
	50	LOW	QPSK	21.69	21.81	21.85	23.50
10	1	LOW	Q16	21.91	22.06	22.16	23.50
		MID	Q16	21.91	22.13	22.22	23.50
		HIGH	Q16	21.92	22.13	22.15	23.50
	25	LOW	Q16	20.72	20.84	20.83	22.50
		MID	Q16	20.67	20.79	20.90	22.50
		HIGH	Q16	20.68	20.80	20.91	22.50
	50	LOW	Q16	20.69	20.83	20.88	22.50
10	1	LOW	64QAM	20.87	21.12	21.24	22.50
		MID	64QAM	20.85	21.21	21.11	22.50
		HIGH	64QAM	20.94	21.25	21.02	22.50
	25	LOW	64QAM	19.58	19.87	19.78	21.50
		MID	64QAM	19.82	19.80	19.77	21.50
		HIGH	64QAM	19.57	19.69	19.80	21.50
	50	LOW	64QAM	19.58	19.71	19.97	21.50

LTE B38-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.57	22.59	22.77	24.50
		MID	QPSK	22.58	22.69	22.85	24.50
		HIGH	QPSK	22.57	22.67	22.71	24.50
	36	LOW	QPSK	21.59	21.71	21.76	23.50
		MID	QPSK	21.59	21.76	21.77	23.50
		HIGH	QPSK	21.59	21.73	21.81	23.50
	75	LOW	QPSK	21.60	21.72	21.77	23.50
15	1	LOW	Q16	21.84	22.01	22.03	23.50
		MID	Q16	21.85	22.12	22.14	23.50
		HIGH	Q16	21.85	22.09	22.00	23.50
	36	LOW	Q16	20.60	20.71	20.78	22.50
		MID	Q16	20.63	20.73	20.83	22.50
		HIGH	Q16	20.62	20.72	20.87	22.50
	75	LOW	Q16	20.63	20.75	20.80	22.50
15	1	LOW	64QAM	20.77	21.10	21.05	22.50
		MID	64QAM	20.75	21.18	21.21	22.50
		HIGH	64QAM	20.77	21.10	20.91	22.50
	36	LOW	64QAM	19.63	19.78	19.89	21.50
		MID	64QAM	19.61	19.75	19.94	21.50
		HIGH	64QAM	19.57	19.63	19.96	21.50
	75	LOW	64QAM	19.62	19.75	19.65	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.50	22.65	24.50
		MID	QPSK	22.59	22.71	22.81	24.50
		HIGH	QPSK	22.59	22.69	22.73	24.50
	50	LOW	QPSK	21.63	21.76	21.81	23.50
		MID	QPSK	21.67	21.77	21.82	23.50
		HIGH	QPSK	21.65	21.79	21.86	23.50
	100	LOW	QPSK	21.61	21.71	21.80	23.50
20	1	LOW	Q16	21.83	21.66	22.10	23.50
		MID	Q16	21.96	21.82	22.25	23.50
		HIGH	Q16	21.92	21.84	22.13	23.50
	50	LOW	Q16	20.62	20.76	20.81	22.50
		MID	Q16	20.63	20.76	20.85	22.50
		HIGH	Q16	20.64	20.77	20.88	22.50
	100	LOW	Q16	20.62	20.75	20.77	22.50
20	1	LOW	64QAM	20.92	20.74	21.06	22.50
		MID	64QAM	21.04	20.81	21.36	22.50
		HIGH	64QAM	21.03	20.99	21.03	22.50
	50	LOW	64QAM	19.69	19.67	19.71	21.50
		MID	64QAM	19.55	19.82	19.98	21.50
		HIGH	64QAM	19.64	19.72	19.96	21.50
	100	LOW	64QAM	19.72	19.72	19.88	21.50

8.3.11 LTE Band41 Output Power

LTE B41-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	23.22	23.38	24.20
		MID	QPSK	23.40	23.30	23.41	24.20
		HIGH	QPSK	23.39	23.32	23.41	24.20
	12	LOW	QPSK	22.30	22.30	22.38	23.20
		MID	QPSK	22.24	22.30	22.36	23.20
		HIGH	QPSK	22.26	22.32	22.40	23.20
	25	LOW	QPSK	22.23	22.32	22.36	23.20
5	1	LOW	Q16	22.51	22.54	22.71	23.20
		MID	Q16	22.49	22.61	22.71	23.20
		HIGH	Q16	22.47	22.60	22.72	23.20
	12	LOW	Q16	21.26	21.23	21.48	22.20
		MID	Q16	21.27	21.24	21.44	22.20
		HIGH	Q16	21.23	21.27	21.46	22.20
	25	LOW	Q16	21.21	21.30	21.39	22.20
5	1	LOW	64QAM	21.59	21.67	21.62	22.20
		MID	64QAM	21.38	21.58	21.80	22.20
		HIGH	64QAM	21.58	21.67	21.81	22.20
	12	LOW	64QAM	20.23	20.37	20.49	21.20
		MID	64QAM	20.38	20.11	20.30	21.20
		HIGH	64QAM	20.11	20.40	20.45	21.20
	25	LOW	64QAM	20.06	20.22	20.48	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.22	23.38	24.20
		MID	QPSK	23.24	23.32	23.38	24.20
		HIGH	QPSK	23.20	23.32	23.34	24.20
	25	LOW	QPSK	22.21	22.27	22.34	23.20
		MID	QPSK	22.25	22.26	22.38	23.20
		HIGH	QPSK	22.25	22.31	22.39	23.20
	50	LOW	QPSK	22.25	22.32	22.40	23.20
10	1	LOW	Q16	22.53	22.64	22.75	23.20
		MID	Q16	22.49	22.70	22.74	23.20
		HIGH	Q16	22.50	22.70	22.76	23.20
	25	LOW	Q16	21.20	21.27	21.38	22.20
		MID	Q16	21.24	21.33	21.41	22.20
		HIGH	Q16	21.24	21.32	21.46	22.20
	50	LOW	Q16	21.22	21.32	21.42	22.20
10	1	LOW	64QAM	21.48	21.58	21.82	22.20
		MID	64QAM	21.63	21.82	21.68	22.20
		HIGH	64QAM	21.58	21.72	21.68	22.20
	25	LOW	64QAM	20.13	20.28	20.26	21.20
		MID	64QAM	20.12	20.20	20.42	21.20
		HIGH	64QAM	20.21	20.44	20.50	21.20
	50	LOW	64QAM	20.22	20.47	20.34	21.20

LTE B41-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.13	23.36	24.20
		MID	QPSK	23.22	23.28	23.42	24.20
		HIGH	QPSK	23.09	23.31	23.31	24.20
	36	LOW	QPSK	22.11	22.25	22.30	23.20
		MID	QPSK	22.18	22.25	22.32	23.20
		HIGH	QPSK	22.17	22.28	22.39	23.20
	75	LOW	QPSK	22.17	22.26	22.36	23.20
15	1	LOW	Q16	22.49	22.60	22.60	23.20
		MID	Q16	22.49	22.71	22.64	23.20
		HIGH	Q16	22.33	22.72	22.61	23.20
	36	LOW	Q16	21.15	21.25	21.35	22.20
		MID	Q16	21.15	21.28	21.38	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	75	LOW	Q16	21.13	21.25	21.36	22.20
15	1	LOW	64QAM	21.56	21.65	21.59	22.20
		MID	64QAM	21.55	21.69	21.57	22.20
		HIGH	64QAM	21.39	21.71	21.71	22.20
	36	LOW	64QAM	20.15	20.29	20.23	21.20
		MID	64QAM	20.03	20.22	20.41	21.20
		HIGH	64QAM	20.18	20.19	20.47	21.20
	75	LOW	64QAM	20.18	20.12	20.41	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.10	23.10	23.31	24.20
		MID	QPSK	23.16	23.29	23.40	24.20
		HIGH	QPSK	23.00	23.27	23.32	24.20
	50	LOW	QPSK	22.11	22.27	22.44	23.20
		MID	QPSK	22.16	22.33	22.40	23.20
		HIGH	QPSK	22.21	22.39	22.45	23.20
	100	LOW	QPSK	22.15	22.27	22.37	23.20
20	1	LOW	Q16	22.46	22.23	22.79	23.20
		MID	Q16	22.50	22.44	22.87	23.20
		HIGH	Q16	22.37	22.43	22.78	23.20
	50	LOW	Q16	21.03	21.25	21.44	22.20
		MID	Q16	21.12	21.28	21.45	22.20
		HIGH	Q16	21.18	21.32	21.44	22.20
	100	LOW	Q16	21.09	21.27	21.37	22.20
20	1	LOW	64QAM	21.35	21.08	21.78	22.20
		MID	64QAM	21.42	21.56	21.95	22.20
		HIGH	64QAM	21.40	21.41	21.67	22.20
	50	LOW	64QAM	20.16	20.31	20.53	21.20
		MID	64QAM	20.08	20.39	20.49	21.20
		HIGH	64QAM	20.31	20.37	20.49	21.20
	100	LOW	64QAM	20.09	20.32	20.22	21.20

LTE B41-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)
5	1	LOW	QPSK	18.35	18.68	18.58	19.70
		MID	QPSK	18.55	18.84	18.65	19.70
		HIGH	QPSK	18.36	18.80	18.70	19.70
	12	LOW	QPSK	18.30	18.69	18.92	19.70
		MID	QPSK	18.44	18.92	18.85	19.70
		HIGH	QPSK	18.36	18.93	18.92	19.70
	25	LOW	QPSK	18.38	18.58	18.74	19.70
5	1	LOW	Q16	18.76	18.70	18.82	19.70
		MID	Q16	18.69	19.01	18.94	19.70
		HIGH	Q16	18.76	18.97	18.73	19.70
	12	LOW	Q16	18.32	18.65	18.71	19.70
		MID	Q16	18.59	18.91	18.66	19.70
		HIGH	Q16	18.35	18.82	18.90	19.70
	25	LOW	Q16	18.57	18.58	18.76	19.70
5	1	LOW	64QAM	18.75	18.73	19.00	19.70
		MID	64QAM	18.99	19.12	19.02	19.70
		HIGH	64QAM	18.77	18.87	18.81	19.70
	12	LOW	64QAM	18.22	18.69	18.85	19.70
		MID	64QAM	18.58	18.84	18.77	19.70
		HIGH	64QAM	18.53	18.88	18.75	19.70
	25	LOW	64QAM	18.39	18.54	18.77	19.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	18.60	18.55	18.57	19.70
		MID	QPSK	18.44	18.84	18.71	19.70
		HIGH	QPSK	18.30	18.67	18.56	19.70
	25	LOW	QPSK	18.18	18.57	18.77	19.70
		MID	QPSK	18.22	18.75	19.00	19.70
		HIGH	QPSK	18.54	18.81	18.86	19.70
	50	LOW	QPSK	18.22	18.70	18.90	19.70
10	1	LOW	Q16	18.84	18.85	18.95	19.70
		MID	Q16	18.92	18.99	19.07	19.70
		HIGH	Q16	18.64	18.87	18.94	19.70
	25	LOW	Q16	18.45	18.54	18.75	19.70
		MID	Q16	18.61	18.78	18.88	19.70
		HIGH	Q16	18.56	18.68	18.66	19.70
	50	LOW	Q16	18.30	18.57	18.65	19.70
10	1	LOW	64QAM	18.95	18.94	18.91	19.70
		MID	64QAM	18.86	19.03	18.86	19.70
		HIGH	64QAM	18.76	18.93	18.86	19.70
	25	LOW	64QAM	18.32	18.71	18.77	19.70
		MID	64QAM	18.44	18.72	18.95	19.70
		HIGH	64QAM	18.49	18.67	18.69	19.70
	50	LOW	64QAM	18.34	18.83	18.77	19.70

LTE B41-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	18.36	18.40	18.75	19.70
		MID	QPSK	18.56	18.82	18.69	19.70
		HIGH	QPSK	18.36	18.70	18.52	19.70
	36	LOW	QPSK	18.25	18.68	18.75	19.70
		MID	QPSK	18.35	18.81	18.91	19.70
		HIGH	QPSK	18.40	18.67	18.88	19.70
	75	LOW	QPSK	18.52	18.66	18.62	19.70
15	1	LOW	Q16	18.84	18.84	18.77	19.70
		MID	Q16	18.89	19.06	19.06	19.70
		HIGH	Q16	18.86	19.15	18.78	19.70
	36	LOW	Q16	18.50	18.75	18.89	19.70
		MID	Q16	18.45	18.88	18.67	19.70
		HIGH	Q16	18.35	18.64	18.70	19.70
	75	LOW	Q16	18.31	18.79	18.64	19.70
15	1	LOW	64QAM	18.70	18.81	18.96	19.70
		MID	64QAM	18.79	18.97	18.85	19.70
		HIGH	64QAM	18.73	19.11	18.77	19.70
	36	LOW	64QAM	18.25	18.68	18.88	19.70
		MID	64QAM	18.41	18.72	18.92	19.70
		HIGH	64QAM	18.36	18.62	18.83	19.70
	75	LOW	64QAM	18.48	18.81	18.73	19.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	18.45	18.54	18.70	19.70
		MID	QPSK	18.50	18.77	18.78	19.70
		HIGH	QPSK	18.42	18.71	18.60	19.70
	50	LOW	QPSK	18.31	18.71	18.78	19.70
		MID	QPSK	18.37	18.77	18.75	19.70
		HIGH	QPSK	18.42	18.78	18.70	19.70
	100	LOW	QPSK	18.37	18.72	18.77	19.70
20	1	LOW	Q16	18.82	18.83	18.86	19.70
		MID	Q16	18.84	19.08	18.97	19.70
		HIGH	Q16	18.77	19.02	18.82	19.70
	50	LOW	Q16	18.36	18.69	18.82	19.70
		MID	Q16	18.47	18.76	18.80	19.70
		HIGH	Q16	18.44	18.77	18.80	19.70
	100	LOW	Q16	18.42	18.68	18.77	19.70
20	1	LOW	64QAM	18.88	18.90	18.77	19.70
		MID	64QAM	18.79	18.97	18.87	19.70
		HIGH	64QAM	18.66	18.89	18.72	19.70
	50	LOW	64QAM	18.27	18.80	18.89	19.70
		MID	64QAM	18.34	18.90	18.74	19.70
		HIGH	64QAM	18.44	18.62	18.74	19.70
	100	LOW	64QAM	18.51	18.55	18.83	19.70

LTE B41-Level 2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)
5	1	LOW	QPSK	17.47	17.52	17.77	18.70
		MID	QPSK	17.60	17.68	17.86	18.70
		HIGH	QPSK	17.42	17.72	17.46	18.70
	12	LOW	QPSK	17.29	17.63	17.70	18.70
		MID	QPSK	17.49	17.81	17.83	18.70
		HIGH	QPSK	17.42	17.67	17.92	18.70
	25	LOW	QPSK	17.48	17.69	17.68	18.70
5	1	LOW	Q16	17.35	17.39	17.80	18.70
		MID	Q16	17.37	17.71	17.84	18.70
		HIGH	Q16	17.32	17.58	17.62	18.70
	12	LOW	Q16	17.31	17.76	17.80	18.70
		MID	Q16	17.34	17.83	17.74	18.70
		HIGH	Q16	17.46	17.82	17.71	18.70
	25	LOW	Q16	17.41	17.61	17.74	18.70
5	1	LOW	64QAM	17.18	17.28	17.92	18.70
		MID	64QAM	17.36	17.49	17.78	18.70
		HIGH	64QAM	17.31	17.67	17.82	18.70
	12	LOW	64QAM	17.13	17.73	17.94	18.70
		MID	64QAM	17.43	17.83	17.90	18.70
		HIGH	64QAM	17.23	17.81	17.85	18.70
	25	LOW	64QAM	17.37	17.53	17.89	18.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	17.41	17.47	17.55	18.70
		MID	QPSK	17.36	17.69	17.60	18.70
		HIGH	QPSK	17.38	17.56	17.47	18.70
	25	LOW	QPSK	17.34	17.71	17.81	18.70
		MID	QPSK	17.27	17.69	17.71	18.70
		HIGH	QPSK	17.37	17.75	17.80	18.70
	50	LOW	QPSK	17.37	17.77	17.87	18.70
10	1	LOW	Q16	17.28	17.34	17.69	18.70
		MID	Q16	17.21	17.68	17.93	18.70
		HIGH	Q16	17.10	17.52	17.66	18.70
	25	LOW	Q16	17.41	17.55	17.76	18.70
		MID	Q16	17.31	17.84	17.73	18.70
		HIGH	Q16	17.40	17.79	17.77	18.70
	50	LOW	Q16	17.47	17.77	17.78	18.70
10	1	LOW	64QAM	17.35	17.32	17.87	18.70
		MID	64QAM	17.36	17.58	17.83	18.70
		HIGH	64QAM	17.12	17.52	17.71	18.70
	25	LOW	64QAM	17.36	17.59	17.82	18.70
		MID	64QAM	17.48	17.89	17.70	18.70
		HIGH	64QAM	17.25	17.69	17.64	18.70
	50	LOW	64QAM	17.36	17.73	17.68	18.70

LTE B41-Level 2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	17.51	17.33	17.80	18.70
		MID	QPSK	17.43	17.82	17.67	18.70
		HIGH	QPSK	17.46	17.78	17.52	18.70
	36	LOW	QPSK	17.25	17.76	17.84	18.70
		MID	QPSK	17.44	17.65	17.81	18.70
		HIGH	QPSK	17.49	17.61	17.73	18.70
	75	LOW	QPSK	17.32	17.58	17.59	18.70
15	1	LOW	Q16	17.16	17.28	17.89	18.70
		MID	Q16	17.32	17.71	17.70	18.70
		HIGH	Q16	17.26	17.64	17.76	18.70
	36	LOW	Q16	17.29	17.51	17.81	18.70
		MID	Q16	17.47	17.81	17.67	18.70
		HIGH	Q16	17.18	17.67	17.67	18.70
	75	LOW	Q16	17.33	17.65	17.62	18.70
15	1	LOW	64QAM	17.39	17.46	17.81	18.70
		MID	64QAM	17.26	17.61	17.68	18.70
		HIGH	64QAM	17.11	17.41	17.69	18.70
	36	LOW	64QAM	17.37	17.78	17.94	18.70
		MID	64QAM	17.34	17.70	17.96	18.70
		HIGH	64QAM	17.31	17.75	17.72	18.70
	75	LOW	64QAM	17.25	17.66	17.79	18.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	17.45	17.42	17.68	18.70
		MID	QPSK	17.45	17.67	17.73	18.70
		HIGH	QPSK	17.37	17.63	17.60	18.70
	50	LOW	QPSK	17.30	17.69	17.80	18.70
		MID	QPSK	17.38	17.74	17.77	18.70
		HIGH	QPSK	17.38	17.76	17.77	18.70
	100	LOW	QPSK	17.33	17.67	17.74	18.70
20	1	LOW	Q16	17.30	17.35	17.78	18.70
		MID	Q16	17.33	17.59	17.83	18.70
		HIGH	Q16	17.25	17.54	17.72	18.70
	50	LOW	Q16	17.27	17.66	17.84	18.70
		MID	Q16	17.35	17.74	17.81	18.70
		HIGH	Q16	17.33	17.74	17.79	18.70
	100	LOW	Q16	17.33	17.67	17.75	18.70
20	1	LOW	64QAM	17.20	17.28	17.65	18.70
		MID	64QAM	17.36	17.54	17.81	18.70
		HIGH	64QAM	17.23	17.60	17.57	18.70
	50	LOW	64QAM	17.42	17.80	17.98	18.70
		MID	64QAM	17.44	17.69	17.91	18.70
		HIGH	64QAM	17.34	17.88	17.79	18.70
	100	LOW	64QAM	17.38	17.54	17.74	18.70

LTE B41-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	23.22	23.38	24.20
		MID	QPSK	23.40	23.30	23.41	24.20
		HIGH	QPSK	23.39	23.32	23.41	24.20
	12	LOW	QPSK	22.30	22.30	22.38	23.20
		MID	QPSK	22.24	22.30	22.36	23.20
		HIGH	QPSK	22.26	22.32	22.40	23.20
	25	LOW	QPSK	22.23	22.32	22.36	23.20
5	1	LOW	Q16	22.51	22.54	22.71	23.20
		MID	Q16	22.49	22.61	22.71	23.20
		HIGH	Q16	22.47	22.60	22.72	23.20
	12	LOW	Q16	21.26	21.23	21.48	22.20
		MID	Q16	21.27	21.24	21.44	22.20
		HIGH	Q16	21.23	21.27	21.46	22.20
	25	LOW	Q16	21.21	21.30	21.39	22.20
5	1	LOW	64QAM	21.59	21.67	21.62	22.20
		MID	64QAM	21.38	21.58	21.80	22.20
		HIGH	64QAM	21.58	21.67	21.81	22.20
	12	LOW	64QAM	20.23	20.37	20.49	21.20
		MID	64QAM	20.38	20.11	20.30	21.20
		HIGH	64QAM	20.11	20.40	20.45	21.20
	25	LOW	64QAM	20.06	20.22	20.48	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.22	23.38	24.20
		MID	QPSK	23.24	23.32	23.38	24.20
		HIGH	QPSK	23.20	23.32	23.34	24.20
	25	LOW	QPSK	22.21	22.27	22.34	23.20
		MID	QPSK	22.25	22.26	22.38	23.20
		HIGH	QPSK	22.25	22.31	22.39	23.20
	50	LOW	QPSK	22.25	22.32	22.40	23.20
10	1	LOW	Q16	22.53	22.64	22.75	23.20
		MID	Q16	22.49	22.70	22.74	23.20
		HIGH	Q16	22.50	22.70	22.76	23.20
	25	LOW	Q16	21.20	21.27	21.38	22.20
		MID	Q16	21.24	21.33	21.41	22.20
		HIGH	Q16	21.24	21.32	21.46	22.20
	50	LOW	Q16	21.22	21.32	21.42	22.20
10	1	LOW	64QAM	21.48	21.58	21.82	22.20
		MID	64QAM	21.63	21.82	21.68	22.20
		HIGH	64QAM	21.58	21.72	21.68	22.20
	25	LOW	64QAM	20.13	20.28	20.26	21.20
		MID	64QAM	20.12	20.20	20.42	21.20
		HIGH	64QAM	20.21	20.44	20.50	21.20
	50	LOW	64QAM	20.22	20.47	20.34	21.20

LTE B41-Level4-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.13	23.36	24.20
		MID	QPSK	23.22	23.28	23.42	24.20
		HIGH	QPSK	23.09	23.31	23.31	24.20
	36	LOW	QPSK	22.11	22.25	22.30	23.20
		MID	QPSK	22.18	22.25	22.32	23.20
		HIGH	QPSK	22.17	22.28	22.39	23.20
	75	LOW	QPSK	22.17	22.26	22.36	23.20
15	1	LOW	Q16	22.49	22.60	22.60	23.20
		MID	Q16	22.49	22.71	22.64	23.20
		HIGH	Q16	22.33	22.72	22.61	23.20
	36	LOW	Q16	21.15	21.25	21.35	22.20
		MID	Q16	21.15	21.28	21.38	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	75	LOW	Q16	21.13	21.25	21.36	22.20
15	1	LOW	64QAM	21.56	21.65	21.59	22.20
		MID	64QAM	21.55	21.69	21.57	22.20
		HIGH	64QAM	21.39	21.71	21.71	22.20
	36	LOW	64QAM	20.15	20.29	20.23	21.20
		MID	64QAM	20.03	20.22	20.41	21.20
		HIGH	64QAM	20.18	20.19	20.47	21.20
	75	LOW	64QAM	20.18	20.12	20.41	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.10	23.10	23.31	24.20
		MID	QPSK	23.16	23.29	23.40	24.20
		HIGH	QPSK	23.00	23.27	23.32	24.20
	50	LOW	QPSK	22.11	22.27	22.44	23.20
		MID	QPSK	22.16	22.33	22.40	23.20
		HIGH	QPSK	22.21	22.39	22.45	23.20
	100	LOW	QPSK	22.15	22.27	22.37	23.20
20	1	LOW	Q16	22.46	22.23	22.79	23.20
		MID	Q16	22.50	22.44	22.87	23.20
		HIGH	Q16	22.37	22.43	22.78	23.20
	50	LOW	Q16	21.03	21.25	21.44	22.20
		MID	Q16	21.12	21.28	21.45	22.20
		HIGH	Q16	21.18	21.32	21.44	22.20
	100	LOW	Q16	21.09	21.27	21.37	22.20
20	1	LOW	64QAM	21.35	21.08	21.78	22.20
		MID	64QAM	21.42	21.56	21.95	22.20
		HIGH	64QAM	21.40	21.41	21.67	22.20
	50	LOW	64QAM	20.16	20.31	20.53	21.20
		MID	64QAM	20.08	20.39	20.49	21.20
		HIGH	64QAM	20.31	20.37	20.49	21.20
	100	LOW	64QAM	20.09	20.32	20.22	21.20

LTE B41-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	23.22	23.38	24.20
		MID	QPSK	23.40	23.30	23.41	24.20
		HIGH	QPSK	23.39	23.32	23.41	24.20
	12	LOW	QPSK	22.30	22.30	22.38	23.20
		MID	QPSK	22.24	22.30	22.36	23.20
		HIGH	QPSK	22.26	22.32	22.40	23.20
	25	LOW	QPSK	22.23	22.32	22.36	23.20
5	1	LOW	Q16	22.51	22.54	22.71	23.20
		MID	Q16	22.49	22.61	22.71	23.20
		HIGH	Q16	22.47	22.60	22.72	23.20
	12	LOW	Q16	21.26	21.23	21.48	22.20
		MID	Q16	21.27	21.24	21.44	22.20
		HIGH	Q16	21.23	21.27	21.46	22.20
	25	LOW	Q16	21.21	21.30	21.39	22.20
5	1	LOW	64QAM	21.59	21.67	21.62	22.20
		MID	64QAM	21.38	21.58	21.80	22.20
		HIGH	64QAM	21.58	21.67	21.81	22.20
	12	LOW	64QAM	20.23	20.37	20.49	21.20
		MID	64QAM	20.38	20.11	20.30	21.20
		HIGH	64QAM	20.11	20.40	20.45	21.20
	25	LOW	64QAM	20.06	20.22	20.48	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.22	23.38	24.20
		MID	QPSK	23.24	23.32	23.38	24.20
		HIGH	QPSK	23.20	23.32	23.34	24.20
	25	LOW	QPSK	22.21	22.27	22.34	23.20
		MID	QPSK	22.25	22.26	22.38	23.20
		HIGH	QPSK	22.25	22.31	22.39	23.20
	50	LOW	QPSK	22.25	22.32	22.40	23.20
10	1	LOW	Q16	22.53	22.64	22.75	23.20
		MID	Q16	22.49	22.70	22.74	23.20
		HIGH	Q16	22.50	22.70	22.76	23.20
	25	LOW	Q16	21.20	21.27	21.38	22.20
		MID	Q16	21.24	21.33	21.41	22.20
		HIGH	Q16	21.24	21.32	21.46	22.20
	50	LOW	Q16	21.22	21.32	21.42	22.20
10	1	LOW	64QAM	21.48	21.58	21.82	22.20
		MID	64QAM	21.63	21.82	21.68	22.20
		HIGH	64QAM	21.58	21.72	21.68	22.20
	25	LOW	64QAM	20.13	20.28	20.26	21.20
		MID	64QAM	20.12	20.20	20.42	21.20
		HIGH	64QAM	20.21	20.44	20.50	21.20
	50	LOW	64QAM	20.22	20.47	20.34	21.20

LTE B41-Level4-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.13	23.36	24.20
		MID	QPSK	23.22	23.28	23.42	24.20
		HIGH	QPSK	23.09	23.31	23.31	24.20
	36	LOW	QPSK	22.11	22.25	22.30	23.20
		MID	QPSK	22.18	22.25	22.32	23.20
		HIGH	QPSK	22.17	22.28	22.39	23.20
	75	LOW	QPSK	22.17	22.26	22.36	23.20
15	1	LOW	Q16	22.49	22.60	22.60	23.20
		MID	Q16	22.49	22.71	22.64	23.20
		HIGH	Q16	22.33	22.72	22.61	23.20
	36	LOW	Q16	21.15	21.25	21.35	22.20
		MID	Q16	21.15	21.28	21.38	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	75	LOW	Q16	21.13	21.25	21.36	22.20
15	1	LOW	64QAM	21.56	21.65	21.59	22.20
		MID	64QAM	21.55	21.69	21.57	22.20
		HIGH	64QAM	21.39	21.71	21.71	22.20
	36	LOW	64QAM	20.15	20.29	20.23	21.20
		MID	64QAM	20.03	20.22	20.41	21.20
		HIGH	64QAM	20.18	20.19	20.47	21.20
	75	LOW	64QAM	20.18	20.12	20.41	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.10	23.10	23.31	24.20
		MID	QPSK	23.16	23.29	23.40	24.20
		HIGH	QPSK	23.00	23.27	23.32	24.20
	50	LOW	QPSK	22.11	22.27	22.44	23.20
		MID	QPSK	22.16	22.33	22.40	23.20
		HIGH	QPSK	22.21	22.39	22.45	23.20
	100	LOW	QPSK	22.15	22.27	22.37	23.20
20	1	LOW	Q16	22.46	22.23	22.79	23.20
		MID	Q16	22.50	22.44	22.87	23.20
		HIGH	Q16	22.37	22.43	22.78	23.20
	50	LOW	Q16	21.03	21.25	21.44	22.20
		MID	Q16	21.12	21.28	21.45	22.20
		HIGH	Q16	21.18	21.32	21.44	22.20
	100	LOW	Q16	21.09	21.27	21.37	22.20
20	1	LOW	64QAM	21.35	21.08	21.78	22.20
		MID	64QAM	21.42	21.56	21.95	22.20
		HIGH	64QAM	21.40	21.41	21.67	22.20
	50	LOW	64QAM	20.16	20.31	20.53	21.20
		MID	64QAM	20.08	20.39	20.49	21.20
		HIGH	64QAM	20.31	20.37	20.49	21.20
	100	LOW	64QAM	20.09	20.32	20.22	21.20

LTE B41-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	23.22	23.38	24.20
		MID	QPSK	23.40	23.30	23.41	24.20
		HIGH	QPSK	23.39	23.32	23.41	24.20
	12	LOW	QPSK	22.30	22.30	22.38	23.20
		MID	QPSK	22.24	22.30	22.36	23.20
		HIGH	QPSK	22.26	22.32	22.40	23.20
	25	LOW	QPSK	22.23	22.32	22.36	23.20
5	1	LOW	Q16	22.51	22.54	22.71	23.20
		MID	Q16	22.49	22.61	22.71	23.20
		HIGH	Q16	22.47	22.60	22.72	23.20
	12	LOW	Q16	21.26	21.23	21.48	22.20
		MID	Q16	21.27	21.24	21.44	22.20
		HIGH	Q16	21.23	21.27	21.46	22.20
	25	LOW	Q16	21.21	21.30	21.39	22.20
5	1	LOW	64QAM	21.59	21.67	21.62	22.20
		MID	64QAM	21.38	21.58	21.80	22.20
		HIGH	64QAM	21.58	21.67	21.81	22.20
	12	LOW	64QAM	20.23	20.37	20.49	21.20
		MID	64QAM	20.38	20.11	20.30	21.20
		HIGH	64QAM	20.11	20.40	20.45	21.20
	25	LOW	64QAM	20.06	20.22	20.48	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.22	23.38	24.20
		MID	QPSK	23.24	23.32	23.38	24.20
		HIGH	QPSK	23.20	23.32	23.34	24.20
	25	LOW	QPSK	22.21	22.27	22.34	23.20
		MID	QPSK	22.25	22.26	22.38	23.20
		HIGH	QPSK	22.25	22.31	22.39	23.20
	50	LOW	QPSK	22.25	22.32	22.40	23.20
10	1	LOW	Q16	22.53	22.64	22.75	23.20
		MID	Q16	22.49	22.70	22.74	23.20
		HIGH	Q16	22.50	22.70	22.76	23.20
	25	LOW	Q16	21.20	21.27	21.38	22.20
		MID	Q16	21.24	21.33	21.41	22.20
		HIGH	Q16	21.24	21.32	21.46	22.20
	50	LOW	Q16	21.22	21.32	21.42	22.20
10	1	LOW	64QAM	21.48	21.58	21.82	22.20
		MID	64QAM	21.63	21.82	21.68	22.20
		HIGH	64QAM	21.58	21.72	21.68	22.20
	25	LOW	64QAM	20.13	20.28	20.26	21.20
		MID	64QAM	20.12	20.20	20.42	21.20
		HIGH	64QAM	20.21	20.44	20.50	21.20
	50	LOW	64QAM	20.22	20.47	20.34	21.20

LTE B41-Level5&6-off -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.13	23.36	24.20
		MID	QPSK	23.22	23.28	23.42	24.20
		HIGH	QPSK	23.09	23.31	23.31	24.20
	36	LOW	QPSK	22.11	22.25	22.30	23.20
		MID	QPSK	22.18	22.25	22.32	23.20
		HIGH	QPSK	22.17	22.28	22.39	23.20
	75	LOW	QPSK	22.17	22.26	22.36	23.20
15	1	LOW	Q16	22.49	22.60	22.60	23.20
		MID	Q16	22.49	22.71	22.64	23.20
		HIGH	Q16	22.33	22.72	22.61	23.20
	36	LOW	Q16	21.15	21.25	21.35	22.20
		MID	Q16	21.15	21.28	21.38	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	75	LOW	Q16	21.13	21.25	21.36	22.20
15	1	LOW	64QAM	21.56	21.65	21.59	22.20
		MID	64QAM	21.55	21.69	21.57	22.20
		HIGH	64QAM	21.39	21.71	21.71	22.20
	36	LOW	64QAM	20.15	20.29	20.23	21.20
		MID	64QAM	20.03	20.22	20.41	21.20
		HIGH	64QAM	20.18	20.19	20.47	21.20
	75	LOW	64QAM	20.18	20.12	20.41	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.10	23.10	23.31	24.20
		MID	QPSK	23.16	23.29	23.40	24.20
		HIGH	QPSK	23.00	23.27	23.32	24.20
	50	LOW	QPSK	22.11	22.27	22.44	23.20
		MID	QPSK	22.16	22.33	22.40	23.20
		HIGH	QPSK	22.21	22.39	22.45	23.20
	100	LOW	QPSK	22.15	22.27	22.37	23.20
20	1	LOW	Q16	22.46	22.23	22.79	23.20
		MID	Q16	22.50	22.44	22.87	23.20
		HIGH	Q16	22.37	22.43	22.78	23.20
	50	LOW	Q16	21.03	21.25	21.44	22.20
		MID	Q16	21.12	21.28	21.45	22.20
		HIGH	Q16	21.18	21.32	21.44	22.20
	100	LOW	Q16	21.09	21.27	21.37	22.20
20	1	LOW	64QAM	21.35	21.08	21.78	22.20
		MID	64QAM	21.42	21.56	21.95	22.20
		HIGH	64QAM	21.40	21.41	21.67	22.20
	50	LOW	64QAM	20.16	20.31	20.53	21.20
		MID	64QAM	20.08	20.39	20.49	21.20
		HIGH	64QAM	20.31	20.37	20.49	21.20
	100	LOW	64QAM	20.09	20.32	20.22	21.20

LTE B41-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40620	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	23.22	23.38	24.20
		MID	QPSK	23.40	23.30	23.41	24.20
		HIGH	QPSK	23.39	23.32	23.41	24.20
	12	LOW	QPSK	22.30	22.30	22.38	23.20
		MID	QPSK	22.24	22.30	22.36	23.20
		HIGH	QPSK	22.26	22.32	22.40	23.20
	25	LOW	QPSK	22.23	22.32	22.36	23.20
5	1	LOW	Q16	22.51	22.54	22.71	23.20
		MID	Q16	22.49	22.61	22.71	23.20
		HIGH	Q16	22.47	22.60	22.72	23.20
	12	LOW	Q16	21.26	21.23	21.48	22.20
		MID	Q16	21.27	21.24	21.44	22.20
		HIGH	Q16	21.23	21.27	21.46	22.20
	25	LOW	Q16	21.21	21.30	21.39	22.20
5	1	LOW	64QAM	21.59	21.67	21.62	22.20
		MID	64QAM	21.38	21.58	21.80	22.20
		HIGH	64QAM	21.58	21.67	21.81	22.20
	12	LOW	64QAM	20.23	20.37	20.49	21.20
		MID	64QAM	20.38	20.11	20.30	21.20
		HIGH	64QAM	20.11	20.40	20.45	21.20
	25	LOW	64QAM	20.06	20.22	20.48	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.22	23.38	24.20
		MID	QPSK	23.24	23.32	23.38	24.20
		HIGH	QPSK	23.20	23.32	23.34	24.20
	25	LOW	QPSK	22.21	22.27	22.34	23.20
		MID	QPSK	22.25	22.26	22.38	23.20
		HIGH	QPSK	22.25	22.31	22.39	23.20
	50	LOW	QPSK	22.25	22.32	22.40	23.20
10	1	LOW	Q16	22.53	22.64	22.75	23.20
		MID	Q16	22.49	22.70	22.74	23.20
		HIGH	Q16	22.50	22.70	22.76	23.20
	25	LOW	Q16	21.20	21.27	21.38	22.20
		MID	Q16	21.24	21.33	21.41	22.20
		HIGH	Q16	21.24	21.32	21.46	22.20
	50	LOW	Q16	21.22	21.32	21.42	22.20
10	1	LOW	64QAM	21.48	21.58	21.82	22.20
		MID	64QAM	21.63	21.82	21.68	22.20
		HIGH	64QAM	21.58	21.72	21.68	22.20
	25	LOW	64QAM	20.13	20.28	20.26	21.20
		MID	64QAM	20.12	20.20	20.42	21.20
		HIGH	64QAM	20.21	20.44	20.50	21.20
	50	LOW	64QAM	20.22	20.47	20.34	21.20

LTE B41-Level5&6-on2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.21	23.13	23.36	24.20
		MID	QPSK	23.22	23.28	23.42	24.20
		HIGH	QPSK	23.09	23.31	23.31	24.20
	36	LOW	QPSK	22.11	22.25	22.30	23.20
		MID	QPSK	22.18	22.25	22.32	23.20
		HIGH	QPSK	22.17	22.28	22.39	23.20
	75	LOW	QPSK	22.17	22.26	22.36	23.20
15	1	LOW	Q16	22.49	22.60	22.60	23.20
		MID	Q16	22.49	22.71	22.64	23.20
		HIGH	Q16	22.33	22.72	22.61	23.20
	36	LOW	Q16	21.15	21.25	21.35	22.20
		MID	Q16	21.15	21.28	21.38	22.20
		HIGH	Q16	21.19	21.30	21.46	22.20
	75	LOW	Q16	21.13	21.25	21.36	22.20
15	1	LOW	64QAM	21.56	21.65	21.59	22.20
		MID	64QAM	21.55	21.69	21.57	22.20
		HIGH	64QAM	21.39	21.71	21.71	22.20
	36	LOW	64QAM	20.15	20.29	20.23	21.20
		MID	64QAM	20.03	20.22	20.41	21.20
		HIGH	64QAM	20.18	20.19	20.47	21.20
	75	LOW	64QAM	20.18	20.12	20.41	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.10	23.10	23.31	24.20
		MID	QPSK	23.16	23.29	23.40	24.20
		HIGH	QPSK	23.00	23.27	23.32	24.20
	50	LOW	QPSK	22.11	22.27	22.44	23.20
		MID	QPSK	22.16	22.33	22.40	23.20
		HIGH	QPSK	22.21	22.39	22.45	23.20
	100	LOW	QPSK	22.15	22.27	22.37	23.20
20	1	LOW	Q16	22.46	22.23	22.79	23.20
		MID	Q16	22.50	22.44	22.87	23.20
		HIGH	Q16	22.37	22.43	22.78	23.20
	50	LOW	Q16	21.03	21.25	21.44	22.20
		MID	Q16	21.12	21.28	21.45	22.20
		HIGH	Q16	21.18	21.32	21.44	22.20
	100	LOW	Q16	21.09	21.27	21.37	22.20
20	1	LOW	64QAM	21.35	21.08	21.78	22.20
		MID	64QAM	21.42	21.56	21.95	22.20
		HIGH	64QAM	21.40	21.41	21.67	22.20
	50	LOW	64QAM	20.16	20.31	20.53	21.20
		MID	64QAM	20.08	20.39	20.49	21.20
		HIGH	64QAM	20.31	20.37	20.49	21.20
	100	LOW	64QAM	20.09	20.32	20.22	21.20

LTE B41-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.63	22.81	24.50
		MID	QPSK	22.94	22.70	22.82	24.50
		HIGH	QPSK	22.94	22.72	22.83	24.50
	12	LOW	QPSK	21.84	21.77	21.81	23.50
		MID	QPSK	21.79	21.76	21.81	23.50
		HIGH	QPSK	21.81	21.78	21.84	23.50
	25	LOW	QPSK	21.85	21.73	21.83	23.50
5	1	LOW	Q16	22.06	21.96	22.14	23.50
		MID	Q16	22.05	22.03	22.14	23.50
		HIGH	Q16	22.04	22.03	22.16	23.50
	12	LOW	Q16	20.89	20.74	20.90	22.50
		MID	Q16	20.85	20.75	20.90	22.50
		HIGH	Q16	20.86	20.74	20.91	22.50
	25	LOW	Q16	20.88	20.77	20.84	22.50
5	1	LOW	64QAM	20.92	21.01	21.09	22.50
		MID	64QAM	21.19	21.12	21.23	22.50
		HIGH	64QAM	21.06	21.12	21.22	22.50
	12	LOW	64QAM	19.81	19.80	19.81	21.50
		MID	64QAM	19.75	19.60	20.04	21.50
		HIGH	64QAM	19.77	19.88	19.88	21.50
	25	LOW	64QAM	19.80	19.83	19.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.67	22.81	24.50
		MID	QPSK	22.82	22.76	22.80	24.50
		HIGH	QPSK	22.80	22.77	22.81	24.50
	25	LOW	QPSK	21.80	21.76	21.86	23.50
		MID	QPSK	21.85	21.77	21.87	23.50
		HIGH	QPSK	21.89	21.82	21.88	23.50
	50	LOW	QPSK	21.88	21.81	21.92	23.50
10	1	LOW	Q16	22.11	22.05	22.18	22.50
		MID	Q16	22.08	22.13	22.19	22.50
		HIGH	Q16	22.09	22.15	22.20	22.50
	25	LOW	Q16	20.85	20.80	20.91	22.50
		MID	Q16	20.89	20.83	20.90	22.50
		HIGH	Q16	20.93	20.81	20.95	22.50
	50	LOW	Q16	20.88	20.85	20.93	22.50
10	1	LOW	64QAM	21.07	20.95	21.19	22.50
		MID	64QAM	21.00	21.23	21.20	22.50
		HIGH	64QAM	21.22	21.20	21.28	22.50
	25	LOW	64QAM	19.71	19.94	19.96	21.50
		MID	64QAM	19.76	19.76	19.99	21.50
		HIGH	64QAM	20.01	19.96	20.07	21.50
	50	LOW	64QAM	20.01	19.95	20.03	21.50

LTE B41-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.60	22.86	24.50
		MID	QPSK	22.84	22.73	22.88	24.50
		HIGH	QPSK	22.68	22.71	22.77	24.50
	36	LOW	QPSK	21.77	21.73	21.77	23.50
		MID	QPSK	21.80	21.76	21.83	23.50
		HIGH	QPSK	21.79	21.77	21.86	23.50
	75	LOW	QPSK	21.82	21.76	21.84	23.50
15	1	LOW	Q16	22.10	22.05	22.07	22.50
		MID	Q16	22.13	22.15	22.10	22.50
		HIGH	Q16	21.99	22.14	21.99	22.50
	36	LOW	Q16	20.79	20.77	20.87	22.50
		MID	Q16	20.83	20.78	20.87	22.50
		HIGH	Q16	20.82	20.78	20.91	22.50
	75	LOW	Q16	20.81	20.78	20.83	22.50
15	1	LOW	64QAM	21.18	20.92	20.99	22.50
		MID	64QAM	21.14	21.09	20.97	22.50
		HIGH	64QAM	21.12	21.25	20.89	22.50
	36	LOW	64QAM	19.91	19.84	19.95	21.50
		MID	64QAM	19.75	19.80	19.84	21.50
		HIGH	64QAM	19.92	19.72	19.83	21.50
	75	LOW	64QAM	19.89	19.88	19.81	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.51	22.77	24.50
		MID	QPSK	22.73	22.73	22.84	24.50
		HIGH	QPSK	22.65	22.72	22.79	24.50
	50	LOW	QPSK	21.81	21.80	21.98	23.50
		MID	QPSK	21.86	21.82	21.90	23.50
		HIGH	QPSK	21.87	21.85	21.99	23.50
	100	LOW	QPSK	21.83	21.76	21.88	23.50
20	1	LOW	Q16	22.09	21.68	22.31	22.50
		MID	Q16	22.14	21.89	22.38	22.50
		HIGH	Q16	22.01	21.88	22.27	22.50
	50	LOW	Q16	20.75	20.83	20.97	22.50
		MID	Q16	20.83	20.84	20.94	22.50
		HIGH	Q16	20.85	20.82	21.02	22.50
	100	LOW	Q16	20.79	20.83	20.88	22.50
20	1	LOW	64QAM	21.06	20.60	21.18	22.50
		MID	64QAM	21.10	20.90	21.42	22.50
		HIGH	64QAM	20.87	20.96	21.21	22.50
	50	LOW	64QAM	19.90	19.89	20.11	21.50
		MID	64QAM	19.70	19.79	19.89	21.50
		HIGH	64QAM	19.78	19.71	20.07	21.50
	100	LOW	64QAM	19.89	19.96	19.94	21.50

LTE B41-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.63	22.81	24.50
		MID	QPSK	22.94	22.70	22.82	24.50
		HIGH	QPSK	22.94	22.72	22.83	24.50
	12	LOW	QPSK	21.84	21.77	21.81	23.50
		MID	QPSK	21.79	21.76	21.81	23.50
		HIGH	QPSK	21.81	21.78	21.84	23.50
	25	LOW	QPSK	21.85	21.73	21.83	23.50
5	1	LOW	Q16	22.06	21.96	22.14	23.50
		MID	Q16	22.05	22.03	22.14	23.50
		HIGH	Q16	22.04	22.03	22.16	23.50
	12	LOW	Q16	20.89	20.74	20.90	22.50
		MID	Q16	20.85	20.75	20.90	22.50
		HIGH	Q16	20.86	20.74	20.91	22.50
	25	LOW	Q16	20.88	20.77	20.84	22.50
5	1	LOW	64QAM	20.92	21.01	21.09	22.50
		MID	64QAM	21.19	21.12	21.23	22.50
		HIGH	64QAM	21.06	21.12	21.22	22.50
	12	LOW	64QAM	19.81	19.80	19.81	21.50
		MID	64QAM	19.75	19.60	20.04	21.50
		HIGH	64QAM	19.77	19.88	19.88	21.50
	25	LOW	64QAM	19.80	19.83	19.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.67	22.81	24.50
		MID	QPSK	22.82	22.76	22.80	24.50
		HIGH	QPSK	22.80	22.77	22.81	24.50
	25	LOW	QPSK	21.80	21.76	21.86	23.50
		MID	QPSK	21.85	21.77	21.87	23.50
		HIGH	QPSK	21.89	21.82	21.88	23.50
	50	LOW	QPSK	21.88	21.81	21.92	23.50
10	1	LOW	Q16	22.11	22.05	22.18	22.50
		MID	Q16	22.08	22.13	22.19	22.50
		HIGH	Q16	22.09	22.15	22.20	22.50
	25	LOW	Q16	20.85	20.80	20.91	22.50
		MID	Q16	20.89	20.83	20.90	22.50
		HIGH	Q16	20.93	20.81	20.95	22.50
	50	LOW	Q16	20.88	20.85	20.93	22.50
10	1	LOW	64QAM	21.07	20.95	21.19	22.50
		MID	64QAM	21.00	21.23	21.20	22.50
		HIGH	64QAM	21.22	21.20	21.28	22.50
	25	LOW	64QAM	19.71	19.94	19.96	21.50
		MID	64QAM	19.76	19.76	19.99	21.50
		HIGH	64QAM	20.01	19.96	20.07	21.50
	50	LOW	64QAM	20.01	19.95	20.03	21.50

LTE B41-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.60	22.86	24.50
		MID	QPSK	22.84	22.73	22.88	24.50
		HIGH	QPSK	22.68	22.71	22.77	24.50
	36	LOW	QPSK	21.77	21.73	21.77	23.50
		MID	QPSK	21.80	21.76	21.83	23.50
		HIGH	QPSK	21.79	21.77	21.86	23.50
	75	LOW	QPSK	21.82	21.76	21.84	23.50
15	1	LOW	Q16	22.10	22.05	22.07	22.50
		MID	Q16	22.13	22.15	22.10	22.50
		HIGH	Q16	21.99	22.14	21.99	22.50
	36	LOW	Q16	20.79	20.77	20.87	22.50
		MID	Q16	20.83	20.78	20.87	22.50
		HIGH	Q16	20.82	20.78	20.91	22.50
	75	LOW	Q16	20.81	20.78	20.83	22.50
15	1	LOW	64QAM	21.18	20.92	20.99	22.50
		MID	64QAM	21.14	21.09	20.97	22.50
		HIGH	64QAM	21.12	21.25	20.89	22.50
	36	LOW	64QAM	19.91	19.84	19.95	21.50
		MID	64QAM	19.75	19.80	19.84	21.50
		HIGH	64QAM	19.92	19.72	19.83	21.50
	75	LOW	64QAM	19.89	19.88	19.81	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.51	22.77	24.50
		MID	QPSK	22.73	22.73	22.84	24.50
		HIGH	QPSK	22.65	22.72	22.79	24.50
	50	LOW	QPSK	21.81	21.80	21.98	23.50
		MID	QPSK	21.86	21.82	21.90	23.50
		HIGH	QPSK	21.87	21.85	21.99	23.50
	100	LOW	QPSK	21.83	21.76	21.88	23.50
20	1	LOW	Q16	22.09	21.68	22.31	22.50
		MID	Q16	22.14	21.89	22.38	22.50
		HIGH	Q16	22.01	21.88	22.27	22.50
	50	LOW	Q16	20.75	20.83	20.97	22.50
		MID	Q16	20.83	20.84	20.94	22.50
		HIGH	Q16	20.85	20.82	21.02	22.50
	100	LOW	Q16	20.79	20.83	20.88	22.50
20	1	LOW	64QAM	21.06	20.60	21.18	22.50
		MID	64QAM	21.10	20.90	21.42	22.50
		HIGH	64QAM	20.87	20.96	21.21	22.50
	50	LOW	64QAM	19.90	19.89	20.11	21.50
		MID	64QAM	19.70	19.79	19.89	21.50
		HIGH	64QAM	19.78	19.71	20.07	21.50
	100	LOW	64QAM	19.89	19.96	19.94	21.50

LTE B41-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.63	22.81	24.50
		MID	QPSK	22.94	22.70	22.82	24.50
		HIGH	QPSK	22.94	22.72	22.83	24.50
	12	LOW	QPSK	21.84	21.77	21.81	23.50
		MID	QPSK	21.79	21.76	21.81	23.50
		HIGH	QPSK	21.81	21.78	21.84	23.50
	25	LOW	QPSK	21.85	21.73	21.83	23.50
5	1	LOW	Q16	22.06	21.96	22.14	23.50
		MID	Q16	22.05	22.03	22.14	23.50
		HIGH	Q16	22.04	22.03	22.16	23.50
	12	LOW	Q16	20.89	20.74	20.90	22.50
		MID	Q16	20.85	20.75	20.90	22.50
		HIGH	Q16	20.86	20.74	20.91	22.50
	25	LOW	Q16	20.88	20.77	20.84	22.50
5	1	LOW	64QAM	20.92	21.01	21.09	22.50
		MID	64QAM	21.19	21.12	21.23	22.50
		HIGH	64QAM	21.06	21.12	21.22	22.50
	12	LOW	64QAM	19.81	19.80	19.81	21.50
		MID	64QAM	19.75	19.60	20.04	21.50
		HIGH	64QAM	19.77	19.88	19.88	21.50
	25	LOW	64QAM	19.80	19.83	19.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.67	22.81	24.50
		MID	QPSK	22.82	22.76	22.80	24.50
		HIGH	QPSK	22.80	22.77	22.81	24.50
	25	LOW	QPSK	21.80	21.76	21.86	23.50
		MID	QPSK	21.85	21.77	21.87	23.50
		HIGH	QPSK	21.89	21.82	21.88	23.50
	50	LOW	QPSK	21.88	21.81	21.92	23.50
10	1	LOW	Q16	22.11	22.05	22.18	22.50
		MID	Q16	22.08	22.13	22.19	22.50
		HIGH	Q16	22.09	22.15	22.20	22.50
	25	LOW	Q16	20.85	20.80	20.91	22.50
		MID	Q16	20.89	20.83	20.90	22.50
		HIGH	Q16	20.93	20.81	20.95	22.50
	50	LOW	Q16	20.88	20.85	20.93	22.50
10	1	LOW	64QAM	21.07	20.95	21.19	22.50
		MID	64QAM	21.00	21.23	21.20	22.50
		HIGH	64QAM	21.22	21.20	21.28	22.50
	25	LOW	64QAM	19.71	19.94	19.96	21.50
		MID	64QAM	19.76	19.76	19.99	21.50
		HIGH	64QAM	20.01	19.96	20.07	21.50
	50	LOW	64QAM	20.01	19.95	20.03	21.50

LTE B41-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.60	22.86	24.50
		MID	QPSK	22.84	22.73	22.88	24.50
		HIGH	QPSK	22.68	22.71	22.77	24.50
	36	LOW	QPSK	21.77	21.73	21.77	23.50
		MID	QPSK	21.80	21.76	21.83	23.50
		HIGH	QPSK	21.79	21.77	21.86	23.50
	75	LOW	QPSK	21.82	21.76	21.84	23.50
15	1	LOW	Q16	22.10	22.05	22.07	22.50
		MID	Q16	22.13	22.15	22.10	22.50
		HIGH	Q16	21.99	22.14	21.99	22.50
	36	LOW	Q16	20.79	20.77	20.87	22.50
		MID	Q16	20.83	20.78	20.87	22.50
		HIGH	Q16	20.82	20.78	20.91	22.50
	75	LOW	Q16	20.81	20.78	20.83	22.50
15	1	LOW	64QAM	21.18	20.92	20.99	22.50
		MID	64QAM	21.14	21.09	20.97	22.50
		HIGH	64QAM	21.12	21.25	20.89	22.50
	36	LOW	64QAM	19.91	19.84	19.95	21.50
		MID	64QAM	19.75	19.80	19.84	21.50
		HIGH	64QAM	19.92	19.72	19.83	21.50
	75	LOW	64QAM	19.89	19.88	19.81	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.51	22.77	24.50
		MID	QPSK	22.73	22.73	22.84	24.50
		HIGH	QPSK	22.65	22.72	22.79	24.50
	50	LOW	QPSK	21.81	21.80	21.98	23.50
		MID	QPSK	21.86	21.82	21.90	23.50
		HIGH	QPSK	21.87	21.85	21.99	23.50
	100	LOW	QPSK	21.83	21.76	21.88	23.50
20	1	LOW	Q16	22.09	21.68	22.31	22.50
		MID	Q16	22.14	21.89	22.38	22.50
		HIGH	Q16	22.01	21.88	22.27	22.50
	50	LOW	Q16	20.75	20.83	20.97	22.50
		MID	Q16	20.83	20.84	20.94	22.50
		HIGH	Q16	20.85	20.82	21.02	22.50
	100	LOW	Q16	20.79	20.83	20.88	22.50
20	1	LOW	64QAM	21.06	20.60	21.18	22.50
		MID	64QAM	21.10	20.90	21.42	22.50
		HIGH	64QAM	20.87	20.96	21.21	22.50
	50	LOW	64QAM	19.90	19.89	20.11	21.50
		MID	64QAM	19.70	19.79	19.89	21.50
		HIGH	64QAM	19.78	19.71	20.07	21.50
	100	LOW	64QAM	19.89	19.96	19.94	21.50

LTE B41-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.63	22.81	24.50
		MID	QPSK	22.94	22.70	22.82	24.50
		HIGH	QPSK	22.94	22.72	22.83	24.50
	12	LOW	QPSK	21.84	21.77	21.81	23.50
		MID	QPSK	21.79	21.76	21.81	23.50
		HIGH	QPSK	21.81	21.78	21.84	23.50
	25	LOW	QPSK	21.85	21.73	21.83	23.50
5	1	LOW	Q16	22.06	21.96	22.14	23.50
		MID	Q16	22.05	22.03	22.14	23.50
		HIGH	Q16	22.04	22.03	22.16	23.50
	12	LOW	Q16	20.89	20.74	20.90	22.50
		MID	Q16	20.85	20.75	20.90	22.50
		HIGH	Q16	20.86	20.74	20.91	22.50
	25	LOW	Q16	20.88	20.77	20.84	22.50
5	1	LOW	64QAM	20.92	21.01	21.09	22.50
		MID	64QAM	21.19	21.12	21.23	22.50
		HIGH	64QAM	21.06	21.12	21.22	22.50
	12	LOW	64QAM	19.81	19.80	19.81	21.50
		MID	64QAM	19.75	19.60	20.04	21.50
		HIGH	64QAM	19.77	19.88	19.88	21.50
	25	LOW	64QAM	19.80	19.83	19.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.67	22.81	24.50
		MID	QPSK	22.82	22.76	22.80	24.50
		HIGH	QPSK	22.80	22.77	22.81	24.50
	25	LOW	QPSK	21.80	21.76	21.86	23.50
		MID	QPSK	21.85	21.77	21.87	23.50
		HIGH	QPSK	21.89	21.82	21.88	23.50
	50	LOW	QPSK	21.88	21.81	21.92	23.50
10	1	LOW	Q16	22.11	22.05	22.18	22.50
		MID	Q16	22.08	22.13	22.19	22.50
		HIGH	Q16	22.09	22.15	22.20	22.50
	25	LOW	Q16	20.85	20.80	20.91	22.50
		MID	Q16	20.89	20.83	20.90	22.50
		HIGH	Q16	20.93	20.81	20.95	22.50
	50	LOW	Q16	20.88	20.85	20.93	22.50
10	1	LOW	64QAM	21.07	20.95	21.19	22.50
		MID	64QAM	21.00	21.23	21.20	22.50
		HIGH	64QAM	21.22	21.20	21.28	22.50
	25	LOW	64QAM	19.71	19.94	19.96	21.50
		MID	64QAM	19.76	19.76	19.99	21.50
		HIGH	64QAM	20.01	19.96	20.07	21.50
	50	LOW	64QAM	20.01	19.95	20.03	21.50

LTE B41-Level4-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.60	22.86	24.50
		MID	QPSK	22.84	22.73	22.88	24.50
		HIGH	QPSK	22.68	22.71	22.77	24.50
	36	LOW	QPSK	21.77	21.73	21.77	23.50
		MID	QPSK	21.80	21.76	21.83	23.50
		HIGH	QPSK	21.79	21.77	21.86	23.50
	75	LOW	QPSK	21.82	21.76	21.84	23.50
15	1	LOW	Q16	22.10	22.05	22.07	22.50
		MID	Q16	22.13	22.15	22.10	22.50
		HIGH	Q16	21.99	22.14	21.99	22.50
	36	LOW	Q16	20.79	20.77	20.87	22.50
		MID	Q16	20.83	20.78	20.87	22.50
		HIGH	Q16	20.82	20.78	20.91	22.50
	75	LOW	Q16	20.81	20.78	20.83	22.50
15	1	LOW	64QAM	21.18	20.92	20.99	22.50
		MID	64QAM	21.14	21.09	20.97	22.50
		HIGH	64QAM	21.12	21.25	20.89	22.50
	36	LOW	64QAM	19.91	19.84	19.95	21.50
		MID	64QAM	19.75	19.80	19.84	21.50
		HIGH	64QAM	19.92	19.72	19.83	21.50
	75	LOW	64QAM	19.89	19.88	19.81	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.51	22.77	24.50
		MID	QPSK	22.73	22.73	22.84	24.50
		HIGH	QPSK	22.65	22.72	22.79	24.50
	50	LOW	QPSK	21.81	21.80	21.98	23.50
		MID	QPSK	21.86	21.82	21.90	23.50
		HIGH	QPSK	21.87	21.85	21.99	23.50
	100	LOW	QPSK	21.83	21.76	21.88	23.50
20	1	LOW	Q16	22.09	21.68	22.31	22.50
		MID	Q16	22.14	21.89	22.38	22.50
		HIGH	Q16	22.01	21.88	22.27	22.50
	50	LOW	Q16	20.75	20.83	20.97	22.50
		MID	Q16	20.83	20.84	20.94	22.50
		HIGH	Q16	20.85	20.82	21.02	22.50
	100	LOW	Q16	20.79	20.83	20.88	22.50
20	1	LOW	64QAM	21.06	20.60	21.18	22.50
		MID	64QAM	21.10	20.90	21.42	22.50
		HIGH	64QAM	20.87	20.96	21.21	22.50
	50	LOW	64QAM	19.90	19.89	20.11	21.50
		MID	64QAM	19.70	19.79	19.89	21.50
		HIGH	64QAM	19.78	19.71	20.07	21.50
	100	LOW	64QAM	19.89	19.96	19.94	21.50

LTE B41-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.63	22.81	24.50
		MID	QPSK	22.94	22.70	22.82	24.50
		HIGH	QPSK	22.94	22.72	22.83	24.50
	12	LOW	QPSK	21.84	21.77	21.81	23.50
		MID	QPSK	21.79	21.76	21.81	23.50
		HIGH	QPSK	21.81	21.78	21.84	23.50
	25	LOW	QPSK	21.85	21.73	21.83	23.50
5	1	LOW	Q16	22.06	21.96	22.14	23.50
		MID	Q16	22.05	22.03	22.14	23.50
		HIGH	Q16	22.04	22.03	22.16	23.50
	12	LOW	Q16	20.89	20.74	20.90	22.50
		MID	Q16	20.85	20.75	20.90	22.50
		HIGH	Q16	20.86	20.74	20.91	22.50
	25	LOW	Q16	20.88	20.77	20.84	22.50
5	1	LOW	64QAM	20.92	21.01	21.09	22.50
		MID	64QAM	21.19	21.12	21.23	22.50
		HIGH	64QAM	21.06	21.12	21.22	22.50
	12	LOW	64QAM	19.81	19.80	19.81	21.50
		MID	64QAM	19.75	19.60	20.04	21.50
		HIGH	64QAM	19.77	19.88	19.88	21.50
	25	LOW	64QAM	19.80	19.83	19.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.67	22.81	24.50
		MID	QPSK	22.82	22.76	22.80	24.50
		HIGH	QPSK	22.80	22.77	22.81	24.50
	25	LOW	QPSK	21.80	21.76	21.86	23.50
		MID	QPSK	21.85	21.77	21.87	23.50
		HIGH	QPSK	21.89	21.82	21.88	23.50
	50	LOW	QPSK	21.88	21.81	21.92	23.50
10	1	LOW	Q16	22.11	22.05	22.18	22.50
		MID	Q16	22.08	22.13	22.19	22.50
		HIGH	Q16	22.09	22.15	22.20	22.50
	25	LOW	Q16	20.85	20.80	20.91	22.50
		MID	Q16	20.89	20.83	20.90	22.50
		HIGH	Q16	20.93	20.81	20.95	22.50
	50	LOW	Q16	20.88	20.85	20.93	22.50
10	1	LOW	64QAM	21.07	20.95	21.19	22.50
		MID	64QAM	21.00	21.23	21.20	22.50
		HIGH	64QAM	21.22	21.20	21.28	22.50
	25	LOW	64QAM	19.71	19.94	19.96	21.50
		MID	64QAM	19.76	19.76	19.99	21.50
		HIGH	64QAM	20.01	19.96	20.07	21.50
	50	LOW	64QAM	20.01	19.95	20.03	21.50

LTE B41-Level4-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.60	22.86	24.50
		MID	QPSK	22.84	22.73	22.88	24.50
		HIGH	QPSK	22.68	22.71	22.77	24.50
	36	LOW	QPSK	21.77	21.73	21.77	23.50
		MID	QPSK	21.80	21.76	21.83	23.50
		HIGH	QPSK	21.79	21.77	21.86	23.50
	75	LOW	QPSK	21.82	21.76	21.84	23.50
15	1	LOW	Q16	22.10	22.05	22.07	22.50
		MID	Q16	22.13	22.15	22.10	22.50
		HIGH	Q16	21.99	22.14	21.99	22.50
	36	LOW	Q16	20.79	20.77	20.87	22.50
		MID	Q16	20.83	20.78	20.87	22.50
		HIGH	Q16	20.82	20.78	20.91	22.50
	75	LOW	Q16	20.81	20.78	20.83	22.50
15	1	LOW	64QAM	21.18	20.92	20.99	22.50
		MID	64QAM	21.14	21.09	20.97	22.50
		HIGH	64QAM	21.12	21.25	20.89	22.50
	36	LOW	64QAM	19.91	19.84	19.95	21.50
		MID	64QAM	19.75	19.80	19.84	21.50
		HIGH	64QAM	19.92	19.72	19.83	21.50
	75	LOW	64QAM	19.89	19.88	19.81	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.51	22.77	24.50
		MID	QPSK	22.73	22.73	22.84	24.50
		HIGH	QPSK	22.65	22.72	22.79	24.50
	50	LOW	QPSK	21.81	21.80	21.98	23.50
		MID	QPSK	21.86	21.82	21.90	23.50
		HIGH	QPSK	21.87	21.85	21.99	23.50
	100	LOW	QPSK	21.83	21.76	21.88	23.50
20	1	LOW	Q16	22.09	21.68	22.31	22.50
		MID	Q16	22.14	21.89	22.38	22.50
		HIGH	Q16	22.01	21.88	22.27	22.50
	50	LOW	Q16	20.75	20.83	20.97	22.50
		MID	Q16	20.83	20.84	20.94	22.50
		HIGH	Q16	20.85	20.82	21.02	22.50
	100	LOW	Q16	20.79	20.83	20.88	22.50
20	1	LOW	64QAM	21.06	20.60	21.18	22.50
		MID	64QAM	21.10	20.90	21.42	22.50
		HIGH	64QAM	20.87	20.96	21.21	22.50
	50	LOW	64QAM	19.90	19.89	20.11	21.50
		MID	64QAM	19.70	19.79	19.89	21.50
		HIGH	64QAM	19.78	19.71	20.07	21.50
	100	LOW	64QAM	19.89	19.96	19.94	21.50

LTE B41-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.63	22.81	24.50
		MID	QPSK	22.94	22.70	22.82	24.50
		HIGH	QPSK	22.94	22.72	22.83	24.50
	12	LOW	QPSK	21.84	21.77	21.81	23.50
		MID	QPSK	21.79	21.76	21.81	23.50
		HIGH	QPSK	21.81	21.78	21.84	23.50
	25	LOW	QPSK	21.85	21.73	21.83	23.50
5	1	LOW	Q16	22.06	21.96	22.14	23.50
		MID	Q16	22.05	22.03	22.14	23.50
		HIGH	Q16	22.04	22.03	22.16	23.50
	12	LOW	Q16	20.89	20.74	20.90	22.50
		MID	Q16	20.85	20.75	20.90	22.50
		HIGH	Q16	20.86	20.74	20.91	22.50
	25	LOW	Q16	20.88	20.77	20.84	22.50
5	1	LOW	64QAM	20.92	21.01	21.09	22.50
		MID	64QAM	21.19	21.12	21.23	22.50
		HIGH	64QAM	21.06	21.12	21.22	22.50
	12	LOW	64QAM	19.81	19.80	19.81	21.50
		MID	64QAM	19.75	19.60	20.04	21.50
		HIGH	64QAM	19.77	19.88	19.88	21.50
	25	LOW	64QAM	19.80	19.83	19.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.67	22.81	24.50
		MID	QPSK	22.82	22.76	22.80	24.50
		HIGH	QPSK	22.80	22.77	22.81	24.50
	25	LOW	QPSK	21.80	21.76	21.86	23.50
		MID	QPSK	21.85	21.77	21.87	23.50
		HIGH	QPSK	21.89	21.82	21.88	23.50
	50	LOW	QPSK	21.88	21.81	21.92	23.50
10	1	LOW	Q16	22.11	22.05	22.18	22.50
		MID	Q16	22.08	22.13	22.19	22.50
		HIGH	Q16	22.09	22.15	22.20	22.50
	25	LOW	Q16	20.85	20.80	20.91	22.50
		MID	Q16	20.89	20.83	20.90	22.50
		HIGH	Q16	20.93	20.81	20.95	22.50
	50	LOW	Q16	20.88	20.85	20.93	22.50
10	1	LOW	64QAM	21.07	20.95	21.19	22.50
		MID	64QAM	21.00	21.23	21.20	22.50
		HIGH	64QAM	21.22	21.20	21.28	22.50
	25	LOW	64QAM	19.71	19.94	19.96	21.50
		MID	64QAM	19.76	19.76	19.99	21.50
		HIGH	64QAM	20.01	19.96	20.07	21.50
	50	LOW	64QAM	20.01	19.95	20.03	21.50

LTE B41-Level5&6-off -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.60	22.86	24.50
		MID	QPSK	22.84	22.73	22.88	24.50
		HIGH	QPSK	22.68	22.71	22.77	24.50
	36	LOW	QPSK	21.77	21.73	21.77	23.50
		MID	QPSK	21.80	21.76	21.83	23.50
		HIGH	QPSK	21.79	21.77	21.86	23.50
	75	LOW	QPSK	21.82	21.76	21.84	23.50
15	1	LOW	Q16	22.10	22.05	22.07	22.50
		MID	Q16	22.13	22.15	22.10	22.50
		HIGH	Q16	21.99	22.14	21.99	22.50
	36	LOW	Q16	20.79	20.77	20.87	22.50
		MID	Q16	20.83	20.78	20.87	22.50
		HIGH	Q16	20.82	20.78	20.91	22.50
	75	LOW	Q16	20.81	20.78	20.83	22.50
15	1	LOW	64QAM	21.18	20.92	20.99	22.50
		MID	64QAM	21.14	21.09	20.97	22.50
		HIGH	64QAM	21.12	21.25	20.89	22.50
	36	LOW	64QAM	19.91	19.84	19.95	21.50
		MID	64QAM	19.75	19.80	19.84	21.50
		HIGH	64QAM	19.92	19.72	19.83	21.50
	75	LOW	64QAM	19.89	19.88	19.81	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.51	22.77	24.50
		MID	QPSK	22.73	22.73	22.84	24.50
		HIGH	QPSK	22.65	22.72	22.79	24.50
	50	LOW	QPSK	21.81	21.80	21.98	23.50
		MID	QPSK	21.86	21.82	21.90	23.50
		HIGH	QPSK	21.87	21.85	21.99	23.50
	100	LOW	QPSK	21.83	21.76	21.88	23.50
20	1	LOW	Q16	22.09	21.68	22.31	22.50
		MID	Q16	22.14	21.89	22.38	22.50
		HIGH	Q16	22.01	21.88	22.27	22.50
	50	LOW	Q16	20.75	20.83	20.97	22.50
		MID	Q16	20.83	20.84	20.94	22.50
		HIGH	Q16	20.85	20.82	21.02	22.50
	100	LOW	Q16	20.79	20.83	20.88	22.50
20	1	LOW	64QAM	21.06	20.60	21.18	22.50
		MID	64QAM	21.10	20.90	21.42	22.50
		HIGH	64QAM	20.87	20.96	21.21	22.50
	50	LOW	64QAM	19.90	19.89	20.11	21.50
		MID	64QAM	19.70	19.79	19.89	21.50
		HIGH	64QAM	19.78	19.71	20.07	21.50
	100	LOW	64QAM	19.89	19.96	19.94	21.50

LTE B41-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.63	22.81	24.50
		MID	QPSK	22.94	22.70	22.82	24.50
		HIGH	QPSK	22.94	22.72	22.83	24.50
	12	LOW	QPSK	21.84	21.77	21.81	23.50
		MID	QPSK	21.79	21.76	21.81	23.50
		HIGH	QPSK	21.81	21.78	21.84	23.50
	25	LOW	QPSK	21.85	21.73	21.83	23.50
5	1	LOW	Q16	22.06	21.96	22.14	23.50
		MID	Q16	22.05	22.03	22.14	23.50
		HIGH	Q16	22.04	22.03	22.16	23.50
	12	LOW	Q16	20.89	20.74	20.90	22.50
		MID	Q16	20.85	20.75	20.90	22.50
		HIGH	Q16	20.86	20.74	20.91	22.50
	25	LOW	Q16	20.88	20.77	20.84	22.50
5	1	LOW	64QAM	20.92	21.01	21.09	22.50
		MID	64QAM	21.19	21.12	21.23	22.50
		HIGH	64QAM	21.06	21.12	21.22	22.50
	12	LOW	64QAM	19.81	19.80	19.81	21.50
		MID	64QAM	19.75	19.60	20.04	21.50
		HIGH	64QAM	19.77	19.88	19.88	21.50
	25	LOW	64QAM	19.80	19.83	19.72	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40620	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.67	22.81	24.50
		MID	QPSK	22.82	22.76	22.80	24.50
		HIGH	QPSK	22.80	22.77	22.81	24.50
	25	LOW	QPSK	21.80	21.76	21.86	23.50
		MID	QPSK	21.85	21.77	21.87	23.50
		HIGH	QPSK	21.89	21.82	21.88	23.50
	50	LOW	QPSK	21.88	21.81	21.92	23.50
10	1	LOW	Q16	22.11	22.05	22.18	22.50
		MID	Q16	22.08	22.13	22.19	22.50
		HIGH	Q16	22.09	22.15	22.20	22.50
	25	LOW	Q16	20.85	20.80	20.91	22.50
		MID	Q16	20.89	20.83	20.90	22.50
		HIGH	Q16	20.93	20.81	20.95	22.50
	50	LOW	Q16	20.88	20.85	20.93	22.50
10	1	LOW	64QAM	21.07	20.95	21.19	22.50
		MID	64QAM	21.00	21.23	21.20	22.50
		HIGH	64QAM	21.22	21.20	21.28	22.50
	25	LOW	64QAM	19.71	19.94	19.96	21.50
		MID	64QAM	19.76	19.76	19.99	21.50
		HIGH	64QAM	20.01	19.96	20.07	21.50
	50	LOW	64QAM	20.01	19.95	20.03	21.50

LTE B41-Level5&6-on1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40620	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.60	22.86	24.50
		MID	QPSK	22.84	22.73	22.88	24.50
		HIGH	QPSK	22.68	22.71	22.77	24.50
	36	LOW	QPSK	21.77	21.73	21.77	23.50
		MID	QPSK	21.80	21.76	21.83	23.50
		HIGH	QPSK	21.79	21.77	21.86	23.50
	75	LOW	QPSK	21.82	21.76	21.84	23.50
15	1	LOW	Q16	22.10	22.05	22.07	22.50
		MID	Q16	22.13	22.15	22.10	22.50
		HIGH	Q16	21.99	22.14	21.99	22.50
	36	LOW	Q16	20.79	20.77	20.87	22.50
		MID	Q16	20.83	20.78	20.87	22.50
		HIGH	Q16	20.82	20.78	20.91	22.50
	75	LOW	Q16	20.81	20.78	20.83	22.50
15	1	LOW	64QAM	21.18	20.92	20.99	22.50
		MID	64QAM	21.14	21.09	20.97	22.50
		HIGH	64QAM	21.12	21.25	20.89	22.50
	36	LOW	64QAM	19.91	19.84	19.95	21.50
		MID	64QAM	19.75	19.80	19.84	21.50
		HIGH	64QAM	19.92	19.72	19.83	21.50
	75	LOW	64QAM	19.89	19.88	19.81	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40620	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.51	22.77	24.50
		MID	QPSK	22.73	22.73	22.84	24.50
		HIGH	QPSK	22.65	22.72	22.79	24.50
	50	LOW	QPSK	21.81	21.80	21.98	23.50
		MID	QPSK	21.86	21.82	21.90	23.50
		HIGH	QPSK	21.87	21.85	21.99	23.50
	100	LOW	QPSK	21.83	21.76	21.88	23.50
20	1	LOW	Q16	22.09	21.68	22.31	22.50
		MID	Q16	22.14	21.89	22.38	22.50
		HIGH	Q16	22.01	21.88	22.27	22.50
	50	LOW	Q16	20.75	20.83	20.97	22.50
		MID	Q16	20.83	20.84	20.94	22.50
		HIGH	Q16	20.85	20.82	21.02	22.50
	100	LOW	Q16	20.79	20.83	20.88	22.50
20	1	LOW	64QAM	21.06	20.60	21.18	22.50
		MID	64QAM	21.10	20.90	21.42	22.50
		HIGH	64QAM	20.87	20.96	21.21	22.50
	50	LOW	64QAM	19.90	19.89	20.11	21.50
		MID	64QAM	19.70	19.79	19.89	21.50
		HIGH	64QAM	19.78	19.71	20.07	21.50
	100	LOW	64QAM	19.89	19.96	19.94	21.50

8.4 Intra-Band Uplink CA Power

8.4.1 LTE Band7 Uplink CA Output Power

LTE Uplink 2CA_ Band 7-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.			
20850	21048	20	QPSK	1	High	1	Low	2	22.38	23.7
21100	21298	20	QPSK	1	High	1	Low	2	22.52	23.7
21350	21152	20	QPSK	1	Low	1	High	2	22.4	23.7

LTE Uplink 2CA_ Band 7-ANT1-LEVEL1										
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	16.18	18.2
21100	21298	20	QPSK	1	High	1	Low	2	16.35	18.2
21350	21152	20	QPSK	1	Low	1	High	2	16.12	18.2

LTE Uplink 2CA_ Band 7-ANT1-LEVEL2&3										
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	15.3	17.2
21100	21298	20	QPSK	1	High	1	Low	2	15.45	17.2
21350	21152	20	QPSK	1	Low	1	High	2	15.35	17.2

LTE Uplink 2CA_ Band 7-ANT1-LEVEL4 ON2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	20.8	22.7
21100	21298	20	QPSK	1	High	1	Low	2	21.02	22.7
21350	21152	20	QPSK	1	Low	1	High	2	20.96	22.7

LTE Uplink 2CA_ Band 7-ANT1-LEVEL4 OFF										
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	22.38	23.7
21100	21298	20	QPSK	1	High	1	Low	2	22.52	23.7
21350	21152	20	QPSK	1	Low	1	High	2	22.4	23.7

LTE Uplink 2CA_ Band 7-ANT1-LEVEL5&6 ON2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	20.28	22.2
21100	21298	20	QPSK	1	High	1	Low	2	20.45	22.2
21350	21152	20	QPSK	1	Low	1	High	2	20.32	22.2

LTE Uplink 2CA_ Band 7-ANT1-LEVEL5&6 OFF										
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	22.38	23.7
21100	21298	20	QPSK	1	High	1	Low	2	22.52	23.7
21350	21152	20	QPSK	1	Low	1	High	2	22.4	23.7

LTE Uplink 2CA_ Band 7-ANT0 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.38	24
21100	21298	20	QPSK	1	High	1	Low	2	23.42	24
21350	21152	20	QPSK	1	Low	1	High	2	23.25	24

LTE Uplink 2CA_ Band 7-ANT0-LEVEL1										
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	23.38	24
21100	21298	20	QPSK	1	High	1	Low	2	23.42	24
21350	21152	20	QPSK	1	Low	1	High	2	23.25	24

LTE Uplink 2CA_ Band 7-ANT0-LEVEL2&3										
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	23.38	24
21100	21298	20	QPSK	1	High	1	Low	2	23.42	24
21350	21152	20	QPSK	1	Low	1	High	2	23.25	24

LTE Uplink 2CA_ Band 7-ANT0-LEVEL4 ON1										
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	22.32	23
21100	21298	20	QPSK	1	High	1	Low	2	22.41	23
21350	21152	20	QPSK	1	Low	1	High	2	22.29	23

LTE Uplink 2CA_ Band 7-ANT0-LEVEL4 OFF										
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	23.38	24
21100	21298	20	QPSK	1	High	1	Low	2	23.42	24
21350	21152	20	QPSK	1	Low	1	High	2	23.25	24

LTE Uplink 2CA_ Band 7-ANT0-LEVEL5&6 ON1										
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	22.32	23
21100	21298	20	QPSK	1	High	1	Low	2	22.41	23
21350	21152	20	QPSK	1	Low	1	High	2	22.29	23

LTE Uplink 2CA_ Band 7-ANT0-LEVEL5&6 OFF										
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	23.38	24
21100	21298	20	QPSK	1	High	1	Low	2	23.42	24
21350	21152	20	QPSK	1	Low	1	High	2	23.25	24

8.4.2 LTE Band38 Uplink CA Output Power

LTE Uplink 2CA_Band 38-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.			
37850	38048	20	QPSK	1	High	1	Low	2	22.54	24.2
38099	37901	20	QPSK	1	Low	1	High	2	22.48	24.2
38150	37952	20	QPSK	1	Low	1	High	2	22.52	24.2

LTE Uplink 2CA_Band 38-ANT1-LEVEL1										
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	17.24	19.7
38099	37901	20	QPSK	1	Low	1	High	2	18.42	19.7
38150	37952	20	QPSK	1	Low	1	High	2	17.28	19.7

LTE Uplink 2CA_Band 38-ANT1-LEVEL2&3										
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	16.54	18.7
38099	37901	20	QPSK	1	Low	1	High	2	16.58	18.7
38150	37952	20	QPSK	1	Low	1	High	2	16.52	18.7

LTE Uplink 2CA_Band 38-ANT1-LEVEL4 ON2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.54	24.2
38099	37901	20	QPSK	1	Low	1	High	2	22.48	24.2
38150	37952	20	QPSK	1	Low	1	High	2	22.52	24.2

LTE Uplink 2CA_Band 38-ANT1-LEVEL4 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.54	24.2
38099	37901	20	QPSK	1	Low	1	High	2	22.48	24.2
38150	37952	20	QPSK	1	Low	1	High	2	22.52	24.2

LTE Uplink 2CA_Band 38-ANT1-LEVEL5&6 ON2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.54	24.2
38099	37901	20	QPSK	1	Low	1	High	2	22.48	24.2
38150	37952	20	QPSK	1	Low	1	High	2	22.52	24.2

LTE Uplink 2CA_Band 38-ANT1-LEVEL5&6 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.54	24.2
38099	37901	20	QPSK	1	Low	1	High	2	22.48	24.2
38150	37952	20	QPSK	1	Low	1	High	2	22.52	24.2

LTE Uplink 2CA_Band 38-ANT0-Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.28	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.04	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.5

LTE Uplink 2CA_Band 38-ANT0-LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.81	24.5
38099	37901	20	QPSK	1	Low	1	High	2	22.83	24.5
38150	37952	20	QPSK	1	Low	1	High	2	22.85	24.5

LTE Uplink 2CA_Band 38-ANT0-LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.28	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.04	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.5

LTE Uplink 2CA_Band 38-ANT0-LEVEL4 ON1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.28	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.04	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.5

LTE Uplink 2CA_Band 38-ANT0-LEVEL4 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.28	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.04	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.5

LTE Uplink 2CA_Band 38-ANT0-LEVEL5&6 ON1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.28	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.04	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.5

LTE Uplink 2CA_Band 38-ANT0-LEVEL5&6 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.28	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.04	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.5

8.4.3 LTE Band41 Uplink CA Output Power

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	22.43	24.2
40185	40383	20	QPSK	1	High	1	Low	2	22.48	24.2
40620	40818	20	QPSK	1	High	1	Low	2	22.55	24.2
41055	40857	20	QPSK	1	Low	1	High	2	22.52	24.2
41490	41292	20	QPSK	1	Low	1	High	2	22.57	24.2

LTE Uplink 2CA_Band 41-ANT1-LEVEL1										
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	17.71	19.7
40185	40383	20	QPSK	1	High	1	Low	2	17.94	19.7
40620	40818	20	QPSK	1	High	1	Low	2	18.32	19.7
41055	40857	20	QPSK	1	Low	1	High	2	17.94	19.7
41490	41292	20	QPSK	1	Low	1	High	2	18.04	19.7

LTE Uplink 2CA_Band 41-ANT1-LEVEL2&3										
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	16.78	18.7
40185	40383	20	QPSK	1	High	1	Low	2	16.82	18.7
40620	40818	20	QPSK	1	High	1	Low	2	17.04	18.7
41055	40857	20	QPSK	1	Low	1	High	2	16.95	18.7
41490	41292	20	QPSK	1	Low	1	High	2	16.91	18.7

LTE Uplink 2CA_Band 41-ANT1-LEVEL4 ON2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.43	24.2
40185	40383	20	QPSK	1	High	1	Low	2	22.48	24.2
40620	40818	20	QPSK	1	High	1	Low	2	22.55	24.2
41055	40857	20	QPSK	1	Low	1	High	2	22.52	24.2
41490	41292	20	QPSK	1	Low	1	High	2	22.57	24.2

LTE Uplink 2CA_Band 41-ANT1-LEVEL4 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.43	24.2
40185	40383	20	QPSK	1	High	1	Low	2	22.48	24.2
40620	40818	20	QPSK	1	High	1	Low	2	22.55	24.2
41055	40857	20	QPSK	1	Low	1	High	2	22.52	24.2
41490	41292	20	QPSK	1	Low	1	High	2	22.57	24.2

LTE Uplink 2CA_Band 41-ANT1-LEVEL5&6 ON2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.43	24.2
40185	40383	20	QPSK	1	High	1	Low	2	22.48	24.2
40620	40818	20	QPSK	1	High	1	Low	2	22.55	24.2
41055	40857	20	QPSK	1	Low	1	High	2	22.52	24.2
41490	41292	20	QPSK	1	Low	1	High	2	22.57	24.2

LTE Uplink 2CA_Band 41-ANT1-LEVEL5&6 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.43	24.2
40185	40383	20	QPSK	1	High	1	Low	2	22.48	24.2
40620	40818	20	QPSK	1	High	1	Low	2	22.55	24.2
41055	40857	20	QPSK	1	Low	1	High	2	22.52	24.2
41490	41292	20	QPSK	1	Low	1	High	2	22.57	24.2

LTE Uplink 2CA_Band 41-ANT0-Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.67	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.8	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.83	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.65	24.5

LTE Uplink 2CA_Band 41-ANT0-LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.67	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.8	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.83	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.65	24.5

LTE Uplink 2CA_Band 41-ANT0-LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.67	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.8	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.83	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.65	24.5

LTE Uplink 2CA_Band 41-ANT0-LEVEL4 ON1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.67	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.8	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.83	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.65	24.5

LTE Uplink 2CA_Band 41-ANT0-LEVEL4 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.67	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.8	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.83	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.65	24.5

LTE Uplink 2CA_Band 41-ANT0-LEVEL5&6 ON1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.67	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.8	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.83	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.65	24.5

LTE Uplink 2CA_Band 41-ANT0-LEVEL5&6 OFF										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.67	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.8	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.83	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.65	24.5

8.5 LTE Downlink CA Power

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

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

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

LTE Downlink Carrier Aggregation 2CC Level1															
CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	1	7	20M	21350	2560	1	49	3350	2680	7	20M	3548	2699.8	16.75	16.52
7B	1	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	16.78	16.47
38C	1	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	18.88	18.59
41C	1	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	18.78	18.53
2A-7A	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	15.55	15.39
4A-5A	1	4	20M	20175	1747.5	1	49	2050	2120	5	10M	2525	881.5	15.91	15.71
4A-7A	1	4	20M	20175	1747.5	1	49	2050	2120	7	20M	3100	2655	15.91	15.77
7A-7A	1	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	16.75	16.59
7A-66A	1	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	16.75	16.58
12A-66A	1	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	23.90	23.75
41A-41A	1	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	18.78	18.63
66A-66A	1	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	16.12	15.95
7C	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	22.28	22.18
7B	0	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.31	22.11
38C	0	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	22.81	22.63
41C	0	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	22.84	22.59
2A-7A	0	2	20M	18700	1860	1	49	900	1960	7	20M	3100	2655	22.48	22.16
4A-5A	0	4	20M	20300	1775	1	49	2300	2145	5	10M	2525	881.5	23.25	23.02
4A-7A	0	4	20M	20300	1775	1	49	2300	2145	7	20M	3100	2655	23.25	23.04
7A-7A	0	7	20M	20850	2510	1	49	2850	2630	7	5M	2775	2622.5	22.28	22.03
7A-66A	0	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	22.28	22.01
12A-66A	0	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	24.09	23.89
41A-41A	0	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	22.84	21.77
66A-66A	0	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	23.45	23.09

LTE Downlink Carrier Aggregation 3CC Level1																			
CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C arrier Tx Power	Tx Power with DL CA Active
2A-7C	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	15.55	15.38
4A-7C	1	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	15.91	15.77
7C-66A	1	7	20M	21100	2535	1	49	3100	2655	7	20M	3298	2674.8	66	1.4M	66443	2110.7	16.75	16.69
2A-7C	0	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	22.48	22.18
4A-7C	0	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	23.25	23.09
7C-66A	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	66	1.4M	66443	2110.7	22.28	22.04

LTE Downlink Carrier Aggregation 2CC Level2&3															
CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C arrier Tx Power	Tx Power with DL- CA Active
7C	1	7	20M	21350	2560	1	49	3350	2680	7	20M	3548	2699.8	15.98	15.81
7B	1	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	15.99	15.77
38C	1	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	17.82	17.69
41C	1	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	17.73	17.49
2A-7A	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	14.62	14.53
4A-5A	1	4	20M	20175	1747.5	1	49	2050	2120	5	10M	2525	881.5	15.03	14.89
4A-7A	1	4	20M	20175	1747.5	1	49	2050	2120	7	20M	3100	2655	15.03	14.75
7A-7A	1	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	15.98	15.69
7A-66A	1	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	15.98	15.68
12A-66A	1	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	23.30	23.02
41A-41A	1	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	17.73	17.56
66A-66A	1	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	15.13	14.89
7C	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	22.28	22.18
7B	0	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.31	22.11
38C	0	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	22.81	22.63
41C	0	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	22.84	22.59
2A-7A	0	2	20M	18700	1860	1	49	900	1960	7	20M	3100	2655	22.48	22.16
4A-5A	0	4	20M	20300	1775	1	49	2300	2145	5	10M	2525	881.5	23.25	23.02
4A-7A	0	4	20M	20300	1775	1	49	2300	2145	7	20M	3100	2655	23.25	23.04
7A-7A	0	7	20M	20850	2510	1	49	2850	2630	7	5M	2775	2622.5	22.28	22.03
7A-66A	0	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	22.28	22.01
12A-66A	0	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	24.09	23.89
41A-41A	0	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	22.84	21.77
66A-66A	0	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	23.45	23.09

LTE Downlink Carrier Aggregation 3CC Level2&3																			
CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C arrier Tx Power	Tx Power with DL-CA Active
2A-7C	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	14.62	14.52
4A-7C	1	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	15.03	14.89
7C-66A	1	7	20M	21100	2535	1	49	3100	2655	7	20M	3298	2674.8	66	1.4M	66443	2110.7	15.98	15.69
2A-7C	0	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	22.48	22.18
4A-7C	0	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	23.25	23.09
7C-66A	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	66	1.4M	66443	2110.7	22.28	22.04

LTE Downlink Carrier Aggregation 2CC Level4 off																
CA Combination	Antenna	PCC								SCC1				Power(dBm)		
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C	Tx Power with DL-CA Active	
														arrier Tx Power		
7C	1	7	20M	21350	2560	1	49	3350	2680	7	20M	3548	2699.8	22.64	22.33	
7B	1	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.72	22.58	
38C	1	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.42	23.15	
41C	1	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	23.40	23.19	
2A-7A	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	22.38	22.15	
4A-5A	1	4	20M	20175	1747.5	1	49	2050	2120	5	10M	2525	881.5	23.27	22.92	
4A-7A	1	4	20M	20175	1747.5	1	49	2050	2120	7	20M	3100	2655	23.27	23.09	
7A-7A	1	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	22.64	22.26	
7A-66A	1	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	22.64	22.27	
12A-66A	1	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	23.90	23.74	
41A-41A	1	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	23.40	23.00	
66A-66A	1	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	23.34	23.13	
7C	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	22.31	21.96	
7B	0	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.31	22.19	
38C	0	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	22.81	22.47	
41C	0	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	22.84	22.46	
2A-7A	0	2	20M	18700	1860	1	49	900	1960	7	20M	3100	2655	22.48	22.11	
4A-5A	0	4	20M	20300	1775	1	49	2300	2145	5	10M	2525	881.5	23.25	22.98	
4A-7A	0	4	20M	20300	1775	1	49	2300	2145	7	20M	3100	2655	23.25	23.01	
7A-7A	0	7	20M	20850	2510	1	49	2850	2630	7	5M	2775	2622.5	22.31	22.13	
7A-66A	0	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	22.31	22.07	
12A-66A	0	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	24.09	23.85	
41A-41A	0	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	22.84	22.58	
66A-66A	0	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	23.45	23.09	

LTE Downlink Carrier Aggregation 3CC Level4 off																		
CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C
																		arrier Tx Power
2A-7C	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	22.38
4A-7C	1	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	23.27
7C-66A	1	7	20M	21100	2535	1	49	3100	2655	7	20M	3298	2674.8	66	1.4M	66443	2110.7	22.64
2A-7C	0	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	22.48
4A-7C	0	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	23.25
7C-66A	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	66	1.4M	66443	2110.7	22.31

LTE Downlink Carrier Aggregation 2CC Level4 on																
CA Combination	Antenna	PCC								SCC1				Power(dBm)		
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C	Tx Power with DL-CA Active	
														arrier Tx Power		
7C	1	7	20M	21350	2560	1	49	3350	2680	7	20M	3548	2699.8	21.09	20.69	
7B	1	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	21.18	20.89	
38C	1	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.42	23.10	
41C	1	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	23.40	23.13	
2A-7A	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	18.87	18.69	
4A-5A	1	4	20M	20175	1747.5	1	49	2050	2120	5	10M	2525	881.5	19.62	19.30	
4A-7A	1	4	20M	20175	1747.5	1	49	2050	2120	7	20M	3100	2655	19.62	19.51	
7A-7A	1	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	21.09	20.77	
7A-66A	1	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	21.09	20.97	
12A-66A	1	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	23.90	23.54	
41A-41A	1	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	23.40	23.07	
66A-66A	1	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	19.73	19.43	
7C	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	22.47	22.11	
7B	0	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.49	22.32	
38C	0	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	22.81	22.57	
41C	0	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	22.84	22.44	
2A-7A	0	2	20M	18700	1860	1	49	900	1960	7	20M	3100	2655	20.47	20.14	
4A-5A	0	4	20M	20300	1775	1	49	2300	2145	5	10M	2525	881.5	21.42	21.32	
4A-7A	0	4	20M	20300	1775	1	49	2300	2145	7	20M	3100	2655	21.42	21.12	
7A-7A	0	7	20M	20850	2510	1	49	2850	2630	7	5M	2775	2622.5	22.47	22.24	
7A-66A	0	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	22.47	22.07	
12A-66A	0	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	24.09	23.95	
41A-41A	0	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	22.84	22.53	
66A-66A	0	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	21.56	21.43	

LTE Downlink Carrier Aggregation 3CC Level4 on																			
CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C arrier	Tx Power with DL- CA Active
																		Tx Power	
2A-7C	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	18.87	18.74
4A-7C	1	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	19.62	19.49
7C-66A	1	7	20M	21100	2535	1	49	3100	2655	7	20M	3298	2674.8	66	1.4M	66443	2110.7	21.09	20.99
2A-7C	0	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	20.47	20.14
4A-7C	0	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	21.42	21.07
7C-66A	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	66	1.4M	66443	2110.7	22.47	22.37

LTE Downlink Carrier Aggregation 2CC Level5&6 off																
CA Combination	Antenna	PCC								SCC1				Power(dBm)		
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C	Tx Power with DL-CA Active	
														arrier Tx Power		
7C	1	7	20M	21350	2560	1	49	3350	2680	7	20M	3548	2699.8	22.64	22.33	
7B	1	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.72	22.58	
38C	1	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.42	23.15	
41C	1	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	23.40	23.19	
2A-7A	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	22.38	22.15	
4A-5A	1	4	20M	20175	1747.5	1	49	2050	2120	5	10M	2525	881.5	23.27	22.92	
4A-7A	1	4	20M	20175	1747.5	1	49	2050	2120	7	20M	3100	2655	23.27	23.09	
7A-7A	1	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	22.64	22.26	
7A-66A	1	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	22.64	22.27	
12A-66A	1	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	23.90	23.74	
41A-41A	1	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	23.40	23.00	
66A-66A	1	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	23.34	23.13	
7C	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	22.31	21.96	
7B	0	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.31	22.19	
38C	0	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	22.81	22.47	
41C	0	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	22.84	22.46	
2A-7A	0	2	20M	18700	1860	1	49	900	1960	7	20M	3100	2655	22.48	22.11	
4A-5A	0	4	20M	20300	1775	1	49	2300	2145	5	10M	2525	881.5	23.25	22.98	
4A-7A	0	4	20M	20300	1775	1	49	2300	2145	7	20M	3100	2655	23.25	23.01	
7A-7A	0	7	20M	20850	2510	1	49	2850	2630	7	5M	2775	2622.5	22.31	22.13	
7A-66A	0	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	22.31	22.07	
12A-66A	0	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	24.09	23.85	
41A-41A	0	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	22.84	22.58	
66A-66A	0	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	23.45	23.09	

LTE Downlink Carrier Aggregation 3CC Level5&6 off																			
CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C arrier	Tx Power with DL- CA Active
																		Tx Power	
2A-7C	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	22.38	22.01
4A-7C	1	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	23.27	23.17
7C-66A	1	7	20M	21100	2535	1	49	3100	2655	7	20M	3298	2674.8	66	1.4M	66443	2110.7	22.64	22.48
2A-7C	0	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	22.48	22.34
4A-7C	0	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	23.25	22.93
7C-66A	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	66	1.4M	66443	2110.7	22.31	22.16

LTE Downlink Carrier Aggregation 2CC Level5&6 on																
CA Combination	Antenna	PCC								SCC1				Power(dBm)		
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C	Tx Power with DL-CA Active	
														arrier Tx Power		
7C	1	7	20M	21350	2560	1	49	3350	2680	7	20M	3548	2699.8	21.15	20.91	
7B	1	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	21.06	20.95	
38C	1	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.42	23.09	
41C	1	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	23.40	23.23	
2A-7A	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	19.30	18.96	
4A-5A	1	4	20M	20175	1747.5	1	49	2050	2120	5	10M	2525	881.5	20.17	19.89	
4A-7A	1	4	20M	20175	1747.5	1	49	2050	2120	7	20M	3100	2655	20.17	19.98	
7A-7A	1	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	21.15	20.75	
7A-66A	1	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	21.15	20.96	
12A-66A	1	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	23.90	23.57	
41A-41A	1	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	23.40	23.10	
66A-66A	1	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	20.32	20.00	
7C	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	21.94	21.57	
7B	0	7	15M	21100	2535	1	99	3100	2655	7	5M	3193	2664.3	22.09	21.69	
38C	0	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	22.81	22.70	
41C	0	41	20M	41490	2680	1	0	41490	2680	41	20M	41292	2660.2	22.84	22.51	
2A-7A	0	2	20M	18700	1860	1	49	900	1960	7	20M	3100	2655	19.90	19.77	
4A-5A	0	4	20M	20300	1775	1	49	2300	2145	5	10M	2525	881.5	20.78	20.49	
4A-7A	0	4	20M	20300	1775	1	49	2300	2145	7	20M	3100	2655	20.78	20.48	
7A-7A	0	7	20M	20850	2510	1	49	2850	2630	7	5M	2775	2622.5	21.94	21.74	
7A-66A	0	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	21.94	21.57	
12A-66A	0	12	10M	23060	704	1	0	5060	734	66	20M	66786	2145	24.09	23.88	
41A-41A	0	41	20M	41490	2680	1	0	41490	2680	41	5M	39675	2498.5	22.84	22.60	
66A-66A	0	66	20M	132332	1745	1	0	66986	2165	66	5M	67761	2242.5	20.97	20.71	

LTE Downlink Carrier Aggregation 3CC Level5&6 on																			
CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single C arrier	Tx Power with DL-CA Active
																		Tx Power	
2A-7C	1	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	19.30	19.13
4A-7C	1	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	20.17	20.01
7C-66A	1	7	20M	21100	2535	1	49	3100	2655	7	20M	3298	2674.8	66	1.4M	66443	2110.7	21.15	21.01
2A-7C	0	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	3298	2674.8	19.90	19.70
4A-7C	0	4	20M	20050	1720	1	0	2050	2120	7	20M	3100	2655	7	20M	3298	2674.8	20.78	20.41
7C-66A	0	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	66	1.4M	66443	2110.7	21.94	21.66

8.6.1 NR Band5 Output Power

N5-ANT0 Full power

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.29	24.35	24.28	25.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.16	24.18	24.16	25.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.20	24.29	24.22	25.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.39	24.39	24.33	25.00
		1	53	24.23	24.15	24.10	25.00
		1	104	24.33	24.33	24.31	25.00
		50	0	24.45	24.50	24.45	25.00
		50	28	24.15	24.27	24.12	25.00
		50	56	24.22	24.36	24.29	25.00
		100	0	24.10	24.14	24.24	25.00
	DFT-s-OFDM	1	1	24.32	24.33	24.33	25.00
	DFT-s-OFDM	1	1	22.86	23.00	22.98	24.00
	DFT-s-OFDM	1	1	21.45	21.48	21.42	22.50
	DFT-s-OFDM	1	1	19.84	19.98	19.83	20.50
	CP-OFDM QPSK	1	1	22.75	22.71	22.85	23.50
	CP-OFDM 16QAM	1	1	22.42	22.50	22.42	23.00
	CP-OFDM 64QAM	1	1	20.67	20.71	20.85	21.50
	CP-OFDM 256QAM	1	1	17.62	17.61	17.58	18.50

N5-ANT0 Level1

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.29	24.35	24.28	25.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.16	24.18	24.16	25.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.20	24.29	24.22	25.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.39	24.39	24.33	25.00
		1	53	24.23	24.15	24.10	25.00
		1	104	24.33	24.33	24.31	25.00
		50	0	24.45	24.50	24.45	25.00
		50	28	24.15	24.27	24.12	25.00
		50	56	24.22	24.36	24.29	25.00
		100	0	24.10	24.14	24.24	25.00
	DFT-s-OFDM	1	1	24.32	24.33	24.33	25.00
	DFT-s-OFDM	1	1	22.86	23.00	22.98	24.00
	DFT-s-OFDM	1	1	21.45	21.48	21.42	22.50
	DFT-s-OFDM	1	1	19.84	19.98	19.83	20.50
	CP-OFDM QPSK	1	1	22.75	22.71	22.85	23.50
	CP-OFDM 16QAM	1	1	22.42	22.50	22.42	23.00
	CP-OFDM 64QAM	1	1	20.67	20.71	20.85	21.50
	CP-OFDM 256QAM	1	1	17.62	17.61	17.58	18.50

N5-ANT0 Level2&3

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.29	24.35	24.28	25.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.16	24.18	24.16	25.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.20	24.29	24.22	25.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.39	24.39	24.33	25.00
		1	53	24.23	24.15	24.10	25.00
		1	104	24.33	24.33	24.31	25.00
		50	0	24.45	24.50	24.45	25.00
		50	28	24.15	24.27	24.12	25.00
		50	56	24.22	24.36	24.29	25.00
		100	0	24.10	24.14	24.24	25.00
	DFT-s-OFDM	1	1	24.32	24.33	24.33	25.00
	DFT-s-OFDM	1	1	22.86	23.00	22.98	24.00
	DFT-s-OFDM	1	1	21.45	21.48	21.42	22.50
	DFT-s-OFDM	1	1	19.84	19.98	19.83	20.50
	CP-OFDM QPSK	1	1	22.75	22.71	22.85	23.50
	CP-OFDM 16QAM	1	1	22.42	22.50	22.42	23.00
	CP-OFDM 64QAM	1	1	20.67	20.71	20.85	21.50
	CP-OFDM 256QAM	1	1	17.62	17.61	17.58	18.50

N5-ANT0 Level4_OFF

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.29	24.35	24.28	25.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.16	24.18	24.16	25.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.20	24.29	24.22	25.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.39	24.39	24.33	25.00
		1	53	24.23	24.15	24.10	25.00
		1	104	24.33	24.33	24.31	25.00
		50	0	24.45	24.50	24.45	25.00
		50	28	24.15	24.27	24.12	25.00
		50	56	24.22	24.36	24.29	25.00
		100	0	24.10	24.14	24.24	25.00
	DFT-s-OFDM	1	1	24.32	24.33	24.33	25.00
	DFT-s-OFDM	1	1	22.86	23.00	22.98	24.00
	DFT-s-OFDM	1	1	21.45	21.48	21.42	22.50
	DFT-s-OFDM	1	1	19.84	19.98	19.83	20.50
	CP-OFDM QPSK	1	1	22.75	22.71	22.85	23.50
	CP-OFDM 16QAM	1	1	22.42	22.50	22.42	23.00
	CP-OFDM 64QAM	1	1	20.67	20.71	20.85	21.50
	CP-OFDM 256QAM	1	1	17.62	17.61	17.58	18.50

N5-ANT0 Level4_ON1

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.29	24.35	24.28	25.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.16	24.18	24.16	25.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.20	24.29	24.22	25.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.39	24.39	24.33	25.00
		1	53	24.23	24.15	24.10	25.00
		1	104	24.33	24.33	24.31	25.00
		50	0	24.45	24.50	24.45	25.00
		50	28	24.15	24.27	24.12	25.00
		50	56	24.22	24.36	24.29	25.00
		100	0	24.10	24.14	24.24	25.00
	DFT-s-OFDM	1	1	24.32	24.33	24.33	25.00
	DFT-s-OFDM	1	1	22.86	23.00	22.98	24.00
	DFT-s-OFDM	1	1	21.45	21.48	21.42	22.50
	DFT-s-OFDM	1	1	19.84	19.98	19.83	20.50
	CP-OFDM QPSK	1	1	22.75	22.71	22.85	23.50
	CP-OFDM 16QAM	1	1	22.42	22.50	22.42	23.00
	CP-OFDM 64QAM	1	1	20.67	20.71	20.85	21.50
	CP-OFDM 256QAM	1	1	17.62	17.61	17.58	18.50

N5-ANT0 Level5&6_OFF

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.29	24.35	24.28	25.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.16	24.18	24.16	25.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.20	24.29	24.22	25.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.39	24.39	24.33	25.00
		1	53	24.23	24.15	24.10	25.00
		1	104	24.33	24.33	24.31	25.00
		50	0	24.45	24.50	24.45	25.00
		50	28	24.15	24.27	24.12	25.00
		50	56	24.22	24.36	24.29	25.00
		100	0	24.10	24.14	24.24	25.00
	DFT-s-OFDM	1	1	24.32	24.33	24.33	25.00
	DFT-s-OFDM	1	1	22.86	23.00	22.98	24.00
	DFT-s-OFDM	1	1	21.45	21.48	21.42	22.50
	DFT-s-OFDM	1	1	19.84	19.98	19.83	20.50
	CP-OFDM QPSK	1	1	22.75	22.71	22.85	23.50
	CP-OFDM 16QAM	1	1	22.42	22.50	22.42	23.00
	CP-OFDM 64QAM	1	1	20.67	20.71	20.85	21.50
	CP-OFDM 256QAM	1	1	17.62	17.61	17.58	18.50

N5-ANT0 Level5&6_ON1

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.29	24.35	24.28	25.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.16	24.18	24.16	25.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.20	24.29	24.22	25.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.39	24.39	24.33	25.00
		1	53	24.23	24.15	24.10	25.00
		1	104	24.33	24.33	24.31	25.00
		50	0	24.45	24.50	24.45	25.00
		50	28	24.15	24.27	24.12	25.00
		50	56	24.22	24.36	24.29	25.00
		100	0	24.10	24.14	24.24	25.00
	DFT-s-OFDM	1	1	24.32	24.33	24.33	25.00
	DFT-s-OFDM	1	1	22.86	23.00	22.98	24.00
	DFT-s-OFDM	1	1	21.45	21.48	21.42	22.50
	DFT-s-OFDM	1	1	19.84	19.98	19.83	20.50
	CP-OFDM QPSK	1	1	22.75	22.71	22.85	23.50
	CP-OFDM 16QAM	1	1	22.42	22.50	22.42	23.00
	CP-OFDM 64QAM	1	1	20.67	20.71	20.85	21.50
	CP-OFDM 256QAM	1	1	17.62	17.61	17.58	18.50

N5-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1 Level1 (Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	22.34	22.16	22.16	22.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.11	22.10	22.34	22.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.22	22.12	22.31	22.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.36	22.39	22.38	22.70
		1	53	22.30	22.34	22.12	22.70
		1	104	22.35	22.34	22.36	22.70
		50	0	22.64	22.48	22.63	22.70
		50	28	22.06	22.19	22.27	22.70
		50	56	22.10	22.20	22.31	22.70
		100	0	22.35	22.25	22.08	22.70
	DFT-s-OFDM	1	1	22.18	22.32	22.46	22.70
	DFT-s-OFDM	1	1	21.93	22.08	22.12	22.70
	DFT-s-OFDM	1	1	21.67	21.57	21.68	22.20
	DFT-s-OFDM	1	1	20.13	20.10	20.13	20.20
	CP-OFDM QPSK	1	1	22.16	22.29	22.39	22.70
	CP-OFDM 16QAM	1	1	22.61	22.57	22.67	22.70
	CP-OFDM 64QAM	1	1	20.90	20.79	20.64	21.20
	CP-OFDM 256QAM	1	1	17.69	17.76	17.79	18.20

N5-ANT1 Level2&3 (Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	21.68	21.99	21.51	22.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	21.49	21.92	21.72	22.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	21.65	21.81	21.69	22.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	21.76	21.99	21.79	22.20
		1	53	21.69	21.74	21.61	22.20
		1	104	21.99	21.88	21.75	22.20
		50	0	22.03	22.01	21.76	22.20
		50	28	21.65	21.98	21.54	22.20
		50	56	21.58	21.72	21.62	22.20
		100	0	21.57	21.90	21.62	22.20
	DFT-s-OFDM	1	1	21.68	21.97	21.93	22.20
	DFT-s-OFDM	1	1	21.59	21.62	21.52	22.20
	DFT-s-OFDM	1	1	21.57	21.61	21.65	22.20
	DFT-s-OFDM	1	1	20.13	20.06	20.02	20.20
	CP-OFDM QPSK	1	1	21.76	21.88	21.67	22.20
	CP-OFDM 16QAM	1	1	22.16	22.00	21.93	22.20
	CP-OFDM 64QAM	1	1	20.66	20.81	20.76	21.20
	CP-OFDM 256QAM	1	1	17.82	17.64	17.88	18.20

N5-ANT1 Level4_OFF(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1 Level4_ON2(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1 Level5&6_OFF(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1 Level5&6_ON2(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1 Level1 (Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	20.59	20.28	20.48	20.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	20.46	20.38	20.61	20.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	20.42	20.47	20.62	20.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	20.58	20.65	20.58	20.70
		1	53	20.65	20.29	20.49	20.70
		1	104	20.37	20.58	20.67	20.70
		50	0	20.69	20.68	20.67	20.70
		50	28	20.62	20.58	20.57	20.70
		50	56	20.46	20.46	20.48	20.70
		100	0	20.49	20.44	20.57	20.70
	DFT-s-OFDM	1	1	20.39	20.34	20.68	20.70
	DFT-s-OFDM	1	1	20.40	20.37	20.63	20.70
	DFT-s-OFDM	1	1	20.47	20.39	20.40	20.70
	DFT-s-OFDM	1	1	20.52	20.46	20.70	20.70
	CP-OFDM QPSK	1	1	20.63	20.41	20.52	20.70
	CP-OFDM 16QAM	1	1	20.50	20.30	20.64	20.70
	CP-OFDM 64QAM	1	1	20.37	20.50	20.47	20.70
	CP-OFDM 256QAM	1	1	17.96	18.19	18.16	18.20

N5-ANT1 Level2&3 (Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	19.93	19.96	19.98	20.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	20.18	20.13	19.99	20.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	19.99	20.14	20.08	20.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	20.18	20.19	20.17	20.20
		1	53	20.06	20.06	19.94	20.20
		1	104	20.07	20.08	20.03	20.20
		50	0	20.11	20.06	20.03	20.20
		50	28	19.90	20.03	20.07	20.20
		50	56	19.93	19.93	19.91	20.20
		100	0	20.03	20.01	20.02	20.20
	DFT-s-OFDM	1	1	19.94	20.00	20.10	20.20
	DFT-s-OFDM	1	1	20.13	20.04	19.91	20.20
	DFT-s-OFDM	1	1	20.15	20.07	20.01	20.20
	DFT-s-OFDM	1	1	20.14	19.99	19.98	20.20
	CP-OFDM QPSK	1	1	20.18	19.92	20.19	20.20
	CP-OFDM 16QAM	1	1	19.92	19.96	19.94	20.20
	CP-OFDM 64QAM	1	1	20.11	20.05	20.04	20.20
	CP-OFDM 256QAM	1	1	18.19	17.94	18.06	18.20

N5-ANT1Level4_OFF(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1Level4_ON2(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1Level5&6_OFF(Onlyfor ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

N5-ANT1Level5&6_ON2(Onlyfor ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	24.02	24.18	24.31	24.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	24.12	24.17	24.32	24.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	24.29	24.11	24.12	24.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.29	24.23	24.25	24.70
		1	53	24.09	24.00	24.00	24.70
		1	104	24.18	24.23	23.98	24.70
		50	0	24.14	24.16	23.99	24.70
		50	28	24.09	24.09	24.18	24.70
		50	56	24.05	24.04	24.01	24.70
		100	0	24.27	24.00	23.95	24.70
	DFT-s-OFDM	1	1	24.22	24.13	24.19	24.70
	DFT-s-OFDM	1	1	22.68	22.82	22.73	23.70
	DFT-s-OFDM	1	1	21.35	21.33	21.32	22.20
	DFT-s-OFDM	1	1	19.83	19.83	19.77	20.20
	CP-OFDM QPSK	1	1	22.56	22.55	22.69	23.20
	CP-OFDM 16QAM	1	1	22.27	22.33	22.18	22.70
	CP-OFDM 64QAM	1	1	20.59	20.55	20.60	21.20
	CP-OFDM 256QAM	1	1	17.39	17.45	17.60	18.20

8.6.2 NR Band7 Output Power

N7-ANT0 Full power(ENDC&SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.49	22.52	22.43	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.62	22.48	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.51	22.43	22.57	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.67	22.66	22.63	24.20
		1	53	22.48	22.40	22.34	24.20
		1	104	22.55	22.63	22.65	24.20
		50	0	22.64	22.79	22.84	24.20
		50	28	22.43	22.42	22.43	24.20
		50	56	22.63	22.45	22.39	24.20
		100	0	22.60	22.38	22.42	24.20
	DFT-s-OFDM	1	1	22.36	22.74	22.76	24.20
	DFT-s-OFDM	1	1	21.23	21.33	21.28	23.20
	DFT-s-OFDM	1	1	19.84	19.85	19.93	21.70
	DFT-s-OFDM	1	1	18.21	18.22	18.24	19.70
	CP-OFDM QPSK	1	1	21.31	21.33	21.26	22.70
	CP-OFDM 16QAM	1	1	21.25	21.13	20.99	22.20
	CP-OFDM 64QAM	1	1	19.41	19.40	19.37	20.70
	CP-OFDM 256QAM	1	1	16.22	16.13	16.02	17.70

N7-ANT0 Level1(ENDC&SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.49	22.52	22.43	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.62	22.48	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.51	22.43	22.57	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.67	22.66	22.63	24.20
		1	53	22.48	22.40	22.34	24.20
		1	104	22.55	22.63	22.65	24.20
		50	0	22.64	22.79	22.84	24.20
		50	28	22.43	22.42	22.43	24.20
		50	56	22.63	22.45	22.39	24.20
		100	0	22.60	22.38	22.42	24.20
	DFT-s-OFDM	1	1	22.36	22.74	22.76	24.20
	DFT-s-OFDM	1	1	21.23	21.33	21.28	23.20
	DFT-s-OFDM	1	1	19.84	19.85	19.93	21.70
	DFT-s-OFDM	1	1	18.21	18.22	18.24	19.70
	CP-OFDM QPSK	1	1	21.31	21.33	21.26	22.70
	CP-OFDM 16QAM	1	1	21.25	21.13	20.99	22.20
	CP-OFDM 64QAM	1	1	19.41	19.40	19.37	20.70
	CP-OFDM 256QAM	1	1	16.22	16.13	16.02	17.70

N7-ANT0 Level2&3(ENDC&SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.49	22.52	22.43	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.62	22.48	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.51	22.43	22.57	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.67	22.66	22.63	24.20
		1	53	22.48	22.40	22.34	24.20
		1	104	22.55	22.63	22.65	24.20
		50	0	22.64	22.79	22.84	24.20
		50	28	22.43	22.42	22.43	24.20
		50	56	22.63	22.45	22.39	24.20
		100	0	22.60	22.38	22.42	24.20
	DFT-s-OFDM	1	1	22.36	22.74	22.76	24.20
	DFT-s-OFDM	1	1	21.23	21.33	21.28	23.20
	DFT-s-OFDM	1	1	19.84	19.85	19.93	21.70
	DFT-s-OFDM	1	1	18.21	18.22	18.24	19.70
	CP-OFDM QPSK	1	1	21.31	21.33	21.26	22.70
	CP-OFDM 16QAM	1	1	21.25	21.13	20.99	22.20
	CP-OFDM 64QAM	1	1	19.41	19.40	19.37	20.70
	CP-OFDM 256QAM	1	1	16.22	16.13	16.02	17.70

N7-ANT0 Level4_OFF(ENDC&SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.49	22.52	22.43	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.62	22.48	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.51	22.43	22.57	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.67	22.66	22.63	24.20
		1	53	22.48	22.40	22.34	24.20
		1	104	22.55	22.63	22.65	24.20
		50	0	22.64	22.79	22.84	24.20
		50	28	22.43	22.42	22.43	24.20
		50	56	22.63	22.45	22.39	24.20
		100	0	22.60	22.38	22.42	24.20
	DFT-s-OFDM	1	1	22.36	22.74	22.76	24.20
	DFT-s-OFDM	1	1	21.23	21.33	21.28	23.20
	DFT-s-OFDM	1	1	19.84	19.85	19.93	21.70
	DFT-s-OFDM	1	1	18.21	18.22	18.24	19.70
	CP-OFDM QPSK	1	1	21.31	21.33	21.26	22.70
	CP-OFDM 16QAM	1	1	21.25	21.13	20.99	22.20
	CP-OFDM 64QAM	1	1	19.41	19.40	19.37	20.70
	CP-OFDM 256QAM	1	1	16.22	16.13	16.02	17.70

N7-ANT0 Level4_ON1(ENDC&SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.49	22.52	22.43	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.62	22.48	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.51	22.43	22.57	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.67	22.66	22.63	24.20
		1	53	22.48	22.40	22.34	24.20
		1	104	22.55	22.63	22.65	24.20
		50	0	22.64	22.79	22.84	24.20
		50	28	22.43	22.42	22.43	24.20
		50	56	22.63	22.45	22.39	24.20
		100	0	22.60	22.38	22.42	24.20
	DFT-s-OFDM	1	1	22.36	22.74	22.76	24.20
	DFT-s-OFDM	1	1	21.23	21.33	21.28	23.20
	DFT-s-OFDM	1	1	19.84	19.85	19.93	21.70
	DFT-s-OFDM	1	1	18.21	18.22	18.24	19.70
	CP-OFDM QPSK	1	1	21.31	21.33	21.26	22.70
	CP-OFDM 16QAM	1	1	21.25	21.13	20.99	22.20
	CP-OFDM 64QAM	1	1	19.41	19.40	19.37	20.70
	CP-OFDM 256QAM	1	1	16.22	16.13	16.02	17.70

N7-ANT0 Level5&6_OFF(ENDC&SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.49	22.52	22.43	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.62	22.48	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.51	22.43	22.57	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.67	22.66	22.63	24.20
		1	53	22.48	22.40	22.34	24.20
		1	104	22.55	22.63	22.65	24.20
		50	0	22.64	22.79	22.84	24.20
		50	28	22.43	22.42	22.43	24.20
		50	56	22.63	22.45	22.39	24.20
		100	0	22.60	22.38	22.42	24.20
	DFT-s-OFDM	1	1	22.36	22.74	22.76	24.20
	DFT-s-OFDM	1	1	21.23	21.33	21.28	23.20
	DFT-s-OFDM	1	1	19.84	19.85	19.93	21.70
	DFT-s-OFDM	1	1	18.21	18.22	18.24	19.70
	CP-OFDM QPSK	1	1	21.31	21.33	21.26	22.70
	CP-OFDM 16QAM	1	1	21.25	21.13	20.99	22.20
	CP-OFDM 64QAM	1	1	19.41	19.40	19.37	20.70
	CP-OFDM 256QAM	1	1	16.22	16.13	16.02	17.70

N7-ANT0 Level5&6_ON1(ENDC&SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.49	22.52	22.43	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.62	22.48	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.51	22.43	22.57	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.67	22.66	22.63	24.20
		1	53	22.48	22.40	22.34	24.20
		1	104	22.55	22.63	22.65	24.20
		50	0	22.64	22.79	22.84	24.20
		50	28	22.43	22.42	22.43	24.20
		50	56	22.63	22.45	22.39	24.20
		100	0	22.60	22.38	22.42	24.20
	DFT-s-OFDM	1	1	22.36	22.74	22.76	24.20
	DFT-s-OFDM	1	1	21.23	21.33	21.28	23.20
	DFT-s-OFDM	1	1	19.84	19.85	19.93	21.70
	DFT-s-OFDM	1	1	18.21	18.22	18.24	19.70
	CP-OFDM QPSK	1	1	21.31	21.33	21.26	22.70
	CP-OFDM 16QAM	1	1	21.25	21.13	20.99	22.20
	CP-OFDM 64QAM	1	1	19.41	19.40	19.37	20.70
	CP-OFDM 256QAM	1	1	16.22	16.13	16.02	17.70

N7-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.97	22.01	22.21	23.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.91	22.09	22.27	23.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.93	22.04	22.17	23.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.90
		1	53	21.97	21.94	22.17	23.90
		1	104	22.03	22.15	22.13	23.90
		50	0	22.15	22.29	22.25	23.90
		50	28	21.93	21.95	22.15	23.90
		50	56	21.91	21.90	22.21	23.90
		100	0	21.91	22.05	22.18	23.90
	DFT-s-OFDM	1	1	22.54	22.19	22.36	23.90
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.90
	DFT-s-OFDM	1	1	19.63	19.42	19.65	21.40
	DFT-s-OFDM	1	1	18.22	17.97	18.23	19.40
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	22.40
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.90
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	20.40
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	17.40

N7-ANT1 Level1 (Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	16.87	16.88	16.76	17.40
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	16.73	16.95	16.81	17.40
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	16.79	17.02	16.78	17.40
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.19	17.19	17.18	17.40
		1	53	16.92	17.05	16.90	17.40
		1	104	16.91	17.18	16.96	17.40
		50	0	16.92	17.14	16.98	17.40
		50	28	16.83	17.11	16.90	17.40
		50	56	16.64	17.00	16.82	17.40
		100	0	16.79	16.89	16.88	17.40
	DFT-s-OFDM	1	1	16.84	17.10	16.87	17.40
	DFT-s-OFDM	1	1	16.75	16.90	16.90	17.40
	DFT-s-OFDM	1	1	16.69	16.84	16.83	17.40
	DFT-s-OFDM	1	1	16.72	16.96	16.82	17.40
	CP-OFDM QPSK	1	1	16.89	17.06	16.79	17.40
	CP-OFDM 16QAM	1	1	16.76	16.86	16.94	17.40
	CP-OFDM 64QAM	1	1	16.62	17.09	16.73	17.40
	CP-OFDM 256QAM	1	1	16.75	17.03	16.72	17.40

N7-ANT1 Level2&3(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	16.25	16.38	16.50	16.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	16.25	16.49	16.22	16.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	16.15	16.53	16.26	16.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	16.41	16.67	16.52	16.90
		1	53	16.41	16.47	16.46	16.90
		1	104	16.40	16.57	16.40	16.90
		50	0	16.42	16.65	16.41	16.90
		50	28	16.34	16.50	16.45	16.90
		50	56	16.20	16.52	16.44	16.90
		100	0	16.31	16.60	16.46	16.90
	DFT-s-OFDM	1	1	16.12	16.39	16.26	16.90
	DFT-s-OFDM	1	1	16.33	16.63	16.25	16.90
	DFT-s-OFDM	1	1	16.38	16.40	16.41	16.90
	DFT-s-OFDM	1	1	16.11	16.60	16.50	16.90
	CP-OFDM QPSK	1	1	16.13	16.40	16.49	16.90
	CP-OFDM 16QAM	1	1	16.15	16.66	16.25	16.90
	CP-OFDM 64QAM	1	1	16.23	16.46	16.31	16.90
	CP-OFDM 256QAM	1	1	16.16	16.45	16.23	16.90

N7-ANT1 Level4_OFF(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.97	22.01	22.21	23.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.91	22.09	22.27	23.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.93	22.04	22.17	23.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.90
		1	53	21.97	21.94	22.17	23.90
		1	104	22.03	22.15	22.13	23.90
		50	0	22.15	22.29	22.25	23.90
		50	28	21.93	21.95	22.15	23.90
		50	56	21.91	21.90	22.21	23.90
		100	0	21.91	22.05	22.18	23.90
	DFT-s-OFDM	1	1	22.54	22.19	22.36	23.90
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.90
	DFT-s-OFDM	1	1	19.63	19.42	19.65	21.40
	DFT-s-OFDM	1	1	18.22	17.97	18.23	19.40
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	22.40
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.90
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	20.40
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	17.40

N7-ANT1 Level4_ON2(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.97	22.01	22.21	23.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.91	22.09	22.27	23.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.93	22.04	22.17	23.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.90
		1	53	21.97	21.94	22.17	23.90
		1	104	22.03	22.15	22.13	23.90
		50	0	22.15	22.29	22.25	23.90
		50	28	21.93	21.95	22.15	23.90
		50	56	21.91	21.90	22.21	23.90
		100	0	21.91	22.05	22.18	23.90
	DFT-s-OFDM	1	1	22.54	22.19	22.36	23.90
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.90
	DFT-s-OFDM	1	1	19.63	19.42	19.65	21.40
	DFT-s-OFDM	1	1	18.22	17.97	18.23	19.40
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	22.40
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.90
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	20.40
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	17.40

N7-ANT1 Level5&6_OFF(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.97	22.01	22.21	23.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.91	22.09	22.27	23.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.93	22.04	22.17	23.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.90
		1	53	21.97	21.94	22.17	23.90
		1	104	22.03	22.15	22.13	23.90
		50	0	22.15	22.29	22.25	23.90
		50	28	21.93	21.95	22.15	23.90
		50	56	21.91	21.90	22.21	23.90
		100	0	21.91	22.05	22.18	23.90
	DFT-s-OFDM	1	1	22.54	22.19	22.36	23.90
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.90
	DFT-s-OFDM	1	1	19.63	19.42	19.65	21.40
	DFT-s-OFDM	1	1	18.22	17.97	18.23	19.40
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	22.40
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.90
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	20.40
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	17.40

N7-ANT1 Level5&6_ON2(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.97	22.01	22.21	23.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.91	22.09	22.27	23.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.93	22.04	22.17	23.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.90
		1	53	21.97	21.94	22.17	23.90
		1	104	22.03	22.15	22.13	23.90
		50	0	22.15	22.29	22.25	23.90
		50	28	21.93	21.95	22.15	23.90
		50	56	21.91	21.90	22.21	23.90
		100	0	21.91	22.05	22.18	23.90
	DFT-s-OFDM	1	1	22.54	22.19	22.36	23.90
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.90
	DFT-s-OFDM	1	1	19.63	19.42	19.65	21.40
	DFT-s-OFDM	1	1	18.22	17.97	18.23	19.40
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	22.40
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.90
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	20.40
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	17.40

N7-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.78	21.89	22.04	23.40
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.93	21.88	22.06	23.40
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.95	21.97	22.17	23.40
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.40
		1	53	21.94	22.04	22.03	23.40
		1	104	22.03	22.15	22.13	23.40
		50	0	22.15	22.29	22.25	23.40
		50	28	21.83	22.02	22.01	23.40
		50	56	21.87	22.04	22.02	23.40
		100	0	21.74	21.98	22.10	23.40
	DFT-s-OFDM	1	1	21.90	21.84	22.03	23.40
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.40
	DFT-s-OFDM	1	1	19.63	19.42	19.65	20.90
	DFT-s-OFDM	1	1	18.22	17.97	18.23	18.90
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	21.90
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.40
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	19.90
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	16.90

N7-ANT1 Level1 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	15.64	15.55	15.63	15.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	15.52	15.45	15.50	15.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	15.54	15.55	15.63	15.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	15.70	15.72	15.63	15.90
		1	53	15.52	15.50	15.51	15.90
		1	104	15.52	15.53	15.41	15.90
		50	0	15.58	15.73	15.72	15.90
		50	28	15.43	15.47	15.52	15.90
		50	56	15.52	15.65	15.59	15.90
		100	0	15.42	15.50	15.38	15.90
	DFT-s-OFDM	1	1	15.59	15.63	15.49	15.90
	DFT-s-OFDM	1	1	15.48	15.50	15.39	15.90
	DFT-s-OFDM	1	1	15.65	15.53	15.41	15.90
	DFT-s-OFDM	1	1	15.57	15.56	15.58	15.90
	CP-OFDM QPSK	1	1	15.51	15.65	15.42	15.90
	CP-OFDM 16QAM	1	1	15.53	15.64	15.37	15.90
	CP-OFDM 64QAM	1	1	15.43	15.72	15.61	15.90
	CP-OFDM 256QAM	1	1	15.44	15.72	15.60	15.90

N7-ANT1 Level2&3 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	15.07	14.93	14.99	15.40
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	14.97	15.13	14.82	15.40
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	15.12	15.12	14.76	15.40
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	15.22	15.25	15.13	15.40
		1	53	14.84	15.15	14.78	15.40
		1	104	15.11	14.95	15.10	15.40
		50	0	15.12	15.17	15.04	15.40
		50	28	14.82	15.00	14.82	15.40
		50	56	14.86	14.90	14.84	15.40
		100	0	14.92	15.16	14.84	15.40
	DFT-s-OFDM	1	1	15.06	15.12	14.91	15.40
	DFT-s-OFDM	1	1	14.84	15.08	14.77	15.40
	DFT-s-OFDM	1	1	14.87	15.08	14.82	15.40
	DFT-s-OFDM	1	1	14.82	15.14	15.02	15.40
	CP-OFDM QPSK	1	1	15.08	14.92	15.00	15.40
	CP-OFDM 16QAM	1	1	14.84	14.90	14.82	15.40
	CP-OFDM 64QAM	1	1	14.96	14.98	14.96	15.40
	CP-OFDM 256QAM	1	1	15.09	15.15	14.75	15.40

N7-ANT1 Level4_OFF(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.78	21.89	22.04	23.40
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.93	21.88	22.06	23.40
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.95	21.97	22.17	23.40
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.40
		1	53	21.94	22.04	22.03	23.40
		1	104	22.03	22.15	22.13	23.40
		50	0	22.15	22.29	22.25	23.40
		50	28	21.83	22.02	22.01	23.40
		50	56	21.87	22.04	22.02	23.40
		100	0	21.74	21.98	22.10	23.40
	DFT-s-OFDM	1	1	21.90	21.84	22.03	23.40
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.40
	DFT-s-OFDM	1	1	19.63	19.42	19.65	20.90
	DFT-s-OFDM	1	1	18.22	17.97	18.23	18.90
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	21.90
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.40
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	19.90
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	16.90

N7-ANT1 Level4_ON2(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.97	21.95	21.95	22.40
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.81	21.87	22.05	22.40
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.78	21.84	21.94	22.40
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.87	21.94	21.93	22.40
		1	53	21.69	21.79	21.75	22.40
		1	104	21.68	21.70	21.73	22.40
		50	0	21.83	22.09	21.89	22.40
		50	28	21.65	21.79	21.66	22.40
		50	56	21.76	21.87	21.66	22.40
		100	0	21.72	21.92	21.67	22.40
	DFT-s-OFDM	1	1	21.80	21.81	21.74	22.40
	DFT-s-OFDM	1	1	21.61	21.81	21.65	22.40
	DFT-s-OFDM	1	1	20.34	20.61	20.36	20.90
	DFT-s-OFDM	1	1	18.42	18.67	18.37	18.90
	CP-OFDM QPSK	1	1	21.46	21.52	21.31	21.90
	CP-OFDM 16QAM	1	1	21.05	20.94	20.79	21.40
	CP-OFDM 64QAM	1	1	19.57	19.56	19.36	19.90
	CP-OFDM 256QAM	1	1	16.17	16.62	16.73	16.90

N7-ANT1 Level5&6_OFF(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	21.78	21.89	22.04	23.40
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	21.93	21.88	22.06	23.40
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	21.95	21.97	22.17	23.40
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	21.99	22.19	22.18	23.40
		1	53	21.94	22.04	22.03	23.40
		1	104	22.03	22.15	22.13	23.40
		50	0	22.15	22.29	22.25	23.40
		50	28	21.83	22.02	22.01	23.40
		50	56	21.87	22.04	22.02	23.40
		100	0	21.74	21.98	22.10	23.40
	DFT-s-OFDM	1	1	21.90	21.84	22.03	23.40
	DFT-s-OFDM	1	1	21.39	20.94	21.38	22.40
	DFT-s-OFDM	1	1	19.63	19.42	19.65	20.90
	DFT-s-OFDM	1	1	18.22	17.97	18.23	18.90
	CP-OFDM QPSK	1	1	20.89	20.61	21.03	21.90
	CP-OFDM 16QAM	1	1	20.53	20.36	20.64	21.40
	CP-OFDM 64QAM	1	1	19.10	18.69	18.99	19.90
	CP-OFDM 256QAM	1	1	15.75	15.41	15.60	16.90

N7-ANT1 Level5&6_ON2(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	20.54	20.34	20.37	20.90
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	20.40	20.46	20.33	20.90
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	20.59	20.51	20.61	20.90
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	20.48	20.49	20.48	20.90
		1	53	20.28	20.25	20.24	20.90
		1	104	20.35	20.47	20.44	20.90
		50	0	20.36	20.52	20.46	20.90
		50	28	20.11	20.48	20.39	20.90
		50	56	20.15	20.33	20.40	20.90
		100	0	20.12	20.49	20.42	20.90
	DFT-s-OFDM	1	1	20.33	20.43	20.40	20.90
	DFT-s-OFDM	1	1	20.25	20.25	20.36	20.90
	DFT-s-OFDM	1	1	20.07	20.29	20.30	20.90
	DFT-s-OFDM	1	1	18.39	18.62	18.37	18.90
	CP-OFDM QPSK	1	1	20.23	20.29	20.26	20.90
	CP-OFDM 16QAM	1	1	20.07	20.25	20.22	20.90
	CP-OFDM 64QAM	1	1	19.33	19.34	19.66	19.90
	CP-OFDM 256QAM	1	1	16.48	16.55	16.46	16.90

N7-ANT4 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.54	22.41	22.79	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.71	22.38	22.57	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.54	22.68	22.61	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.60	22.53	22.71	24.20
		1	53	22.54	22.49	22.88	24.20
		1	104	22.61	22.64	22.93	24.20
		50	0	22.80	22.75	23.01	24.20
		50	28	22.63	22.61	22.97	24.20
		50	56	22.61	22.61	22.79	24.20
		100	0	22.76	22.45	23.00	24.20
	DFT-s-OFDM	1	1	22.56	22.54	22.65	24.20
	DFT-s-OFDM	1	1	21.30	21.29	21.39	23.20
	DFT-s-OFDM	1	1	19.75	19.80	19.71	21.70
	DFT-s-OFDM	1	1	18.49	18.39	18.37	19.70
	CP-OFDM QPSK	1	1	21.05	21.04	21.15	22.70
	CP-OFDM 16QAM	1	1	20.83	20.79	20.78	22.20
	CP-OFDM 64QAM	1	1	19.05	19.14	19.08	20.70
	CP-OFDM 256QAM	1	1	15.80	15.84	15.79	17.70

N7-ANT4 Level1 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.87	18.00	18.06	18.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.08	18.02	17.80	18.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.82	18.07	17.81	18.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.19	18.18	18.14	18.20
		1	53	17.95	18.03	18.06	18.20
		1	104	18.12	18.15	18.02	18.20
		50	0	18.05	18.12	18.14	18.20
		50	28	18.11	18.06	17.89	18.20
		50	56	17.91	18.03	17.87	18.20
		100	0	18.08	18.12	17.90	18.20
	DFT-s-OFDM	1	1	18.17	17.98	18.09	18.20
	DFT-s-OFDM	1	1	18.17	18.14	18.12	18.20
	DFT-s-OFDM	1	1	18.15	18.06	18.04	18.20
	DFT-s-OFDM	1	1	18.08	17.93	18.10	18.20
	CP-OFDM QPSK	1	1	18.07	17.98	17.95	18.20
	CP-OFDM 16QAM	1	1	18.07	17.97	17.99	18.20
	CP-OFDM 64QAM	1	1	18.02	17.95	17.99	18.20
	CP-OFDM 256QAM	1	1	17.52	17.60	17.67	17.70

N7-ANT4 Level2&3 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.13	17.02	17.11	17.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.18	16.98	17.04	17.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.24	17.18	17.16	17.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.38	17.26	17.29	17.70
		1	53	17.24	16.99	17.18	17.70
		1	104	17.37	17.24	17.37	17.70
		50	0	17.25	17.19	17.26	17.70
		50	28	17.26	17.00	17.22	17.70
		50	56	17.21	17.19	17.08	17.70
		100	0	17.27	16.97	17.00	17.70
	DFT-s-OFDM	1	1	17.13	17.04	17.09	17.70
	DFT-s-OFDM	1	1	17.19	17.21	17.10	17.70
	DFT-s-OFDM	1	1	17.20	17.14	17.32	17.70
	DFT-s-OFDM	1	1	17.22	17.18	17.17	17.70
	CP-OFDM QPSK	1	1	16.99	17.14	17.15	17.70
	CP-OFDM 16QAM	1	1	17.24	17.14	17.09	17.70
	CP-OFDM 64QAM	1	1	17.28	17.05	17.18	17.70
	CP-OFDM 256QAM	1	1	17.21	16.96	17.09	17.70

N7-ANT4 Level4 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	19.05	19.13	19.00	19.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	19.02	19.14	19.10	19.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	19.04	19.09	19.07	19.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	19.17	19.18	19.10	19.20
		1	53	19.16	19.12	19.07	19.20
		1	104	18.88	18.86	18.75	19.20
		50	0	18.90	18.94	18.92	19.20
		50	28	19.07	19.07	18.99	19.20
		50	56	19.08	19.14	19.04	19.20
		100	0	19.15	19.11	19.09	19.20
	DFT-s-OFDM	1	1	19.09	18.98	18.85	19.20
	DFT-s-OFDM	1	1	19.08	18.90	18.81	19.20
	DFT-s-OFDM	1	1	18.90	19.09	18.88	19.20
	DFT-s-OFDM	1	1	18.78	18.89	18.52	19.20
	CP-OFDM QPSK	1	1	18.83	18.77	18.55	19.20
	CP-OFDM 16QAM	1	1	18.77	18.92	18.78	19.20
	CP-OFDM 64QAM	1	1	18.90	18.62	18.76	19.20
	CP-OFDM 256QAM	1	1	17.45	17.00	17.15	17.70

N7-ANT4 Level5&6 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.23	18.21	18.23	18.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.22	18.27	18.25	18.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	18.27	18.24	18.20	18.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.18	18.21	18.34	18.70
		1	53	18.25	18.30	18.24	18.70
		1	104	18.16	18.23	18.27	18.70
		50	0	18.32	18.35	18.31	18.70
		50	28	18.26	18.21	18.17	18.70
		50	56	18.26	18.26	18.16	18.70
		100	0	18.28	18.31	18.18	18.70
	DFT-s-OFDM	1	1	18.22	18.07	18.26	18.70
	DFT-s-OFDM	1	1	18.26	18.31	18.23	18.70
	DFT-s-OFDM	1	1	18.21	18.20	18.17	18.70
	DFT-s-OFDM	1	1	18.18	18.01	18.14	18.70
	CP-OFDM QPSK	1	1	18.17	18.29	18.12	18.70
	CP-OFDM 16QAM	1	1	18.25	18.20	18.16	18.70
	CP-OFDM 64QAM	1	1	17.95	18.25	18.31	18.70
	CP-OFDM 256QAM	1	1	16.88	17.35	17.46	17.70

8.6.3 NR Band66 Output Power

N66-Full Power Ant.1

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.67	22.68	22.48	23.90
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.67	22.80	22.72	23.90
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.60	22.79	22.79	23.90
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.63	22.85	22.60	23.90
		1	53	22.58	22.69	22.84	23.90
		1	104	22.68	22.75	22.80	23.90
		50	0	22.73	22.89	22.88	23.90
		50	28	22.66	22.70	22.82	23.90
		50	56	22.60	22.75	22.83	23.90
		100	0	22.63	22.72	22.76	23.90
	DFT-s-OFDM	1	1	22.65	22.79	22.73	23.90
	DFT-s-OFDM	1	1	21.44	21.46	21.56	22.90
	DFT-s-OFDM	1	1	19.82	19.97	19.88	21.40
	DFT-s-OFDM	1	1	18.70	18.56	18.42	19.40
	CP-OFDM QPSK	1	1	21.15	21.20	21.21	22.40
	CP-OFDM 16QAM	1	1	21.04	20.98	20.89	21.90
	CP-OFDM 64QAM	1	1	19.39	19.25	19.32	20.40
	CP-OFDM 256QAM	1	1	15.89	16.03	16.05	17.40

N66-Level1 Ant.1

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	14.83	14.93	14.93	15.90
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	14.76	15.00	14.93	15.90
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	14.74	14.92	14.96	15.90
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	14.87	15.00	15.05	15.90
		1	53	14.79	14.88	14.97	15.90
		1	104	14.75	14.90	15.02	15.90
		50	0	14.95	15.11	14.94	15.90
		50	28	14.80	14.86	14.96	15.90
		50	56	14.80	14.88	14.94	15.90
		100	0	14.85	14.95	15.02	15.90
	DFT-s-OFDM	1	1	14.76	14.91	15.00	15.90
	DFT-s-OFDM	1	1	14.83	14.87	14.99	15.90
	DFT-s-OFDM	1	1	14.73	14.88	14.97	15.90
	DFT-s-OFDM	1	1	14.85	14.86	14.96	15.90
	CP-OFDM QPSK	1	1	14.79	14.85	14.98	15.90
	CP-OFDM 16QAM	1	1	14.82	14.99	14.97	15.90
	CP-OFDM 64QAM	1	1	14.75	14.91	14.95	15.90
	CP-OFDM 256QAM	1	1	14.84	14.87	14.98	15.90

N66-Level2&3 Ant.1

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	14.82	15.00	14.84	15.40
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	14.90	15.08	14.81	15.40
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	14.94	14.99	14.80	15.40
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	14.87	15.00	15.05	15.40
		1	53	14.93	15.01	14.88	15.40
		1	104	14.93	14.99	14.83	15.40
		50	0	14.95	15.11	14.94	15.40
		50	28	14.87	15.04	14.79	15.40
		50	56	14.89	15.07	14.87	15.40
		100	0	14.94	14.99	14.88	15.40
	DFT-s-OFDM	1	1	14.84	14.98	14.88	15.40
	DFT-s-OFDM	1	1	14.84	15.03	14.91	15.40
	DFT-s-OFDM	1	1	14.80	14.97	14.91	15.40
	DFT-s-OFDM	1	1	14.80	15.01	14.81	15.40
	CP-OFDM QPSK	1	1	14.89	14.96	14.80	15.40
	CP-OFDM 16QAM	1	1	14.88	15.08	14.82	15.40
	CP-OFDM 64QAM	1	1	14.93	14.99	14.80	15.40
	CP-OFDM 256QAM	1	1	14.83	14.98	14.85	15.40

N66-Level4_OFF Ant.1

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.67	22.68	22.48	23.90
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.67	22.80	22.72	23.90
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.60	22.79	22.79	23.90
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.63	22.85	22.60	23.90
		1	53	22.58	22.69	22.84	23.90
		1	104	22.68	22.75	22.80	23.90
		50	0	22.73	22.89	22.88	23.90
		50	28	22.66	22.70	22.82	23.90
		50	56	22.60	22.75	22.83	23.90
		100	0	22.63	22.72	22.76	23.90
	DFT-s-OFDM	1	1	22.65	22.79	22.73	23.90
	DFT-s-OFDM	1	1	21.44	21.46	21.56	22.90
	DFT-s-OFDM	1	1	19.82	19.97	19.88	21.40
	DFT-s-OFDM	1	1	18.70	18.56	18.42	19.40
	CP-OFDM QPSK	1	1	21.15	21.20	21.21	22.40
	CP-OFDM 16QAM	1	1	21.04	20.98	20.89	21.90
	CP-OFDM 64QAM	1	1	19.39	19.25	19.32	20.40
	CP-OFDM 256QAM	1	1	15.89	16.03	16.05	17.40

N66-Level4_ON2 Ant.1

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	20.73	20.76	20.66	20.90
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	20.62	20.86	20.78	20.90
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	20.73	20.79	20.67	20.90
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	20.76	20.86	20.80	20.90
		1	53	20.65	20.77	20.78	20.90
		1	104	20.64	20.73	20.69	20.90
		50	0	20.68	20.69	20.65	20.90
		50	28	20.71	20.83	20.68	20.90
		50	56	20.73	20.74	20.73	20.90
		100	0	20.72	20.78	20.77	20.90
	DFT-s-OFDM	1	1	20.69	20.80	20.78	20.90
	DFT-s-OFDM	1	1	20.66	20.84	20.73	20.90
	DFT-s-OFDM	1	1	20.67	20.82	20.77	20.90
	DFT-s-OFDM	1	1	20.69	20.72	20.74	20.90
	CP-OFDM QPSK	1	1	20.73	20.73	20.66	20.90
	CP-OFDM 16QAM	1	1	20.67	20.74	20.79	20.90
	CP-OFDM 64QAM	1	1	20.67	20.79	20.71	20.40
	CP-OFDM 256QAM	1	1	17.02	17.19	17.13	17.40

N66-Level5&6_OFF Ant.1

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.67	22.68	22.48	23.90
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.67	22.80	22.72	23.90
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.60	22.79	22.79	23.90
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.63	22.85	22.60	23.90
		1	53	22.58	22.69	22.84	23.90
		1	104	22.68	22.75	22.80	23.90
		50	0	22.73	22.89	22.88	23.90
		50	28	22.66	22.70	22.82	23.90
		50	56	22.60	22.75	22.83	23.90
		100	0	22.63	22.72	22.76	23.90
	DFT-s-OFDM	1	1	22.65	22.79	22.73	23.90
	DFT-s-OFDM	1	1	21.44	21.46	21.56	22.90
	DFT-s-OFDM	1	1	19.82	19.97	19.88	21.40
	DFT-s-OFDM	1	1	18.70	18.56	18.42	19.40
	CP-OFDM QPSK	1	1	21.15	21.20	21.21	22.40
	CP-OFDM 16QAM	1	1	21.04	20.98	20.89	21.90
	CP-OFDM 64QAM	1	1	19.39	19.25	19.32	20.40
	CP-OFDM 256QAM	1	1	15.89	16.03	16.05	17.40

N66-Level5&6_ON2 Ant.1

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.78	19.70	19.81	20.40
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.84	19.77	19.82	20.40
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.90	19.75	19.74	20.40
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.76	19.89	19.87	20.40
		1	53	19.89	19.71	19.84	20.40
		1	104	19.86	19.70	19.80	20.40
		50	0	19.91	19.92	19.88	20.40
		50	28	19.87	19.68	19.75	20.40
		50	56	19.85	19.68	19.80	20.40
		100	0	19.88	19.73	19.77	20.40
	DFT-s-OFDM	1	1	19.85	19.78	19.75	20.40
	DFT-s-OFDM	1	1	19.86	19.76	19.74	20.40
	DFT-s-OFDM	1	1	19.86	19.75	19.83	20.40
	DFT-s-OFDM	1	1	18.97	18.72	18.85	19.40
	CP-OFDM QPSK	1	1	19.76	19.81	19.73	20.40
	CP-OFDM 16QAM	1	1	19.86	19.69	19.59	20.40
	CP-OFDM 64QAM	1	1	19.88	19.73	19.78	20.40
	CP-OFDM 256QAM	1	1	16.91	16.96	16.90	17.40

N66-Full Power_Ant.4

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.94	23.52	23.31	24.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.95	23.45	23.31	24.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.94	23.46	23.38	24.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.59	23.23	23.58	24.70
		1	53	22.90	23.51	23.36	24.70
		1	104	22.88	23.58	23.26	24.70
		50	0	23.02	23.59	23.40	24.70
		50	28	22.87	23.50	23.27	24.70
		50	56	22.93	23.53	23.38	24.70
		100	0	22.92	23.48	23.29	24.70
	DFT-s-OFDM	1	1	23.32	23.18	23.18	24.70
	DFT-s-OFDM	1	1	21.85	21.92	22.06	23.70
	DFT-s-OFDM	1	1	20.35	20.48	20.47	22.20
	DFT-s-OFDM	1	1	19.03	19.08	19.04	20.20
	CP-OFDM QPSK	1	1	21.80	21.70	21.56	23.20
	CP-OFDM 16QAM	1	1	21.54	21.45	21.46	22.70
	CP-OFDM 64QAM	1	1	19.91	19.78	19.91	21.20
	CP-OFDM 256QAM	1	1	16.61	16.49	16.62	18.20

N66-Level1_Ant.4

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.94	23.52	23.31	24.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.95	23.45	23.31	24.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.94	23.46	23.38	24.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.59	23.23	23.58	24.70
		1	53	22.90	23.51	23.36	24.70
		1	104	22.88	23.58	23.26	24.70
		50	0	23.02	23.59	23.40	24.70
		50	28	22.87	23.50	23.27	24.70
		50	56	22.93	23.53	23.38	24.70
		100	0	22.92	23.48	23.29	24.70
	DFT-s-OFDM	1	1	23.32	23.18	23.18	24.70
	DFT-s-OFDM	1	1	21.85	21.92	22.06	23.70
	DFT-s-OFDM	1	1	20.35	20.48	20.47	22.20
	DFT-s-OFDM	1	1	19.03	19.08	19.04	20.20
	CP-OFDM QPSK	1	1	21.80	21.70	21.56	23.20
	CP-OFDM 16QAM	1	1	21.54	21.45	21.46	22.70
	CP-OFDM 64QAM	1	1	19.91	19.78	19.91	21.20
	CP-OFDM 256QAM	1	1	16.61	16.49	16.62	18.20

N66-Level2&3_Ant.4

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.94	23.52	23.31	24.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.95	23.45	23.31	24.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.94	23.46	23.38	24.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.59	23.23	23.58	24.70
		1	53	22.90	23.51	23.36	24.70
		1	104	22.88	23.58	23.26	24.70
		50	0	23.02	23.59	23.40	24.70
		50	28	22.87	23.50	23.27	24.70
		50	56	22.93	23.53	23.38	24.70
		100	0	22.92	23.48	23.29	24.70
	DFT-s-OFDM	1	1	23.32	23.18	23.18	24.70
	DFT-s-OFDM	1	1	21.85	21.92	22.06	23.70
	DFT-s-OFDM	1	1	20.35	20.48	20.47	22.20
	DFT-s-OFDM	1	1	19.03	19.08	19.04	20.20
	CP-OFDM QPSK	1	1	21.80	21.70	21.56	23.20
	CP-OFDM 16QAM	1	1	21.54	21.45	21.46	22.70
	CP-OFDM 64QAM	1	1	19.91	19.78	19.91	21.20
	CP-OFDM 256QAM	1	1	16.61	16.49	16.62	18.20

N66-Level4_Ant.4

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.85	22.70	22.64	23.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.91	22.73	22.60	23.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.95	22.71	22.64	23.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.97	22.77	22.69	23.70
		1	53	22.95	22.68	22.65	23.70
		1	104	22.93	22.65	22.65	23.70
		50	0	22.96	22.66	22.83	23.70
		50	28	22.89	22.65	22.58	23.70
		50	56	22.86	22.73	22.54	23.70
		100	0	22.87	22.75	22.57	23.70
	DFT-s-OFDM	1	1	22.91	22.63	22.67	23.70
	DFT-s-OFDM	1	1	22.89	22.71	22.71	23.70
	DFT-s-OFDM	1	1	21.38	21.07	21.31	22.20
	DFT-s-OFDM	1	1	19.26	19.18	19.21	20.20
	CP-OFDM QPSK	1	1	22.42	22.25	22.14	23.20
	CP-OFDM 16QAM	1	1	21.94	21.83	21.71	22.70
	CP-OFDM 64QAM	1	1	20.32	20.31	20.12	21.20
	CP-OFDM 256QAM	1	1	17.26	17.19	17.13	18.20

N66-Level5&6_Ant.4

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB)
		Frequency(MHz)		12712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.63	22.45	22.52	23.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.59	22.48	22.61	23.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.68	22.53	22.53	23.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.76	22.94	22.92	23.20
		1	53	22.72	22.56	22.61	23.20
		1	104	22.67	22.44	22.50	23.20
		50	0	22.63	22.87	22.93	23.20
		50	28	22.73	22.58	22.61	23.20
		50	56	22.58	22.48	22.55	23.20
		100	0	22.70	22.77	22.65	23.20
	DFT-s-OFDM	1	1	22.71	22.55	22.49	23.20
	DFT-s-OFDM	1	1	22.72	22.56	22.48	23.20
	DFT-s-OFDM	1	1	21.81	21.86	21.91	22.20
	DFT-s-OFDM	1	1	19.76	19.76	19.95	20.20
	CP-OFDM QPSK	1	1	22.63	22.47	22.61	23.20
	CP-OFDM 16QAM	1	1	22.58	22.15	22.36	22.70
	CP-OFDM 64QAM	1	1	21.14	20.60	20.96	21.20
	CP-OFDM 256QAM	1	1	18.12	17.56	18.09	18.20

8.6.4 NR Band38 Output Power

N38-ANT0 Full power

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
10	DFT-s-OFDM	1	1	2575	2595	2615	24.70
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	23.54	23.60	23.76	24.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	23.49	23.58	23.65	24.70
		1	26	23.58	23.61	23.73	24.70
		1	49	23.49	23.62	23.73	24.70
		25	0	23.64	23.71	23.80	24.70
		25	13	23.52	23.60	23.73	24.70
		25	26	23.51	23.70	23.75	24.70
		50	0	23.55	23.60	23.71	24.70
	DFT-s-OFDM	1	1	23.39	23.54	23.48	24.70
	DFT-s-OFDM	1	1	22.30	22.23	22.19	23.70
	DFT-s-OFDM	1	1	20.88	20.74	20.62	22.20
	DFT-s-OFDM	1	1	19.33	19.41	19.30	20.20
	CP-OFDM QPSK	1	1	22.20	22.05	22.18	23.20
	CP-OFDM 16QAM	1	1	21.83	21.72	21.75	22.70
	CP-OFDM 64QAM	1	1	20.10	20.05	19.95	21.20
	CP-OFDM 256QAM	1	1	16.86	16.80	16.87	18.20

N38-ANT0 Level1

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up
		Frequency(MHz)		2575	2595	2615	power
10	DFT-s-OFDM	1	1	23.59	23.69	23.67	24.70
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up
		Frequency(MHz)		2577.5	2595	2612.5	power
15	DFT-s-OFDM	1	1	23.54	23.60	23.76	24.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM BPSK	1	1	23.49	23.58	23.65	24.70
		1	26	23.58	23.61	23.73	24.70
		1	49	23.49	23.62	23.73	24.70
		25	0	23.64	23.71	23.80	24.70
		25	13	23.52	23.60	23.73	24.70
		25	26	23.51	23.70	23.75	24.70
		50	0	23.55	23.60	23.71	24.70
	DFT-s-OFDM	1	1	23.39	23.54	23.48	24.70
	DFT-s-OFDM	1	1	22.30	22.23	22.19	23.70
	DFT-s-OFDM	1	1	20.88	20.74	20.62	22.20
	DFT-s-OFDM	1	1	19.33	19.41	19.30	20.20
	CP-OFDM QPSK	1	1	22.20	22.05	22.18	23.20
	CP-OFDM 16QAM	1	1	21.83	21.72	21.75	22.70
	CP-OFDM 64QAM	1	1	20.10	20.05	19.95	21.20
	CP-OFDM 256QAM	1	1	16.86	16.80	16.87	18.20

N38-ANT0 Level2&3

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	23.59	23.69	23.67	24.70
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	23.54	23.60	23.76	24.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	23.49	23.58	23.65	24.70
		1	26	23.58	23.61	23.73	24.70
		1	49	23.49	23.62	23.73	24.70
		25	0	23.64	23.71	23.80	24.70
		25	13	23.52	23.60	23.73	24.70
		25	26	23.51	23.70	23.75	24.70
		50	0	23.55	23.60	23.71	24.70
	DFT-s-OFDM	1	1	23.39	23.54	23.48	24.70
	DFT-s-OFDM	1	1	22.30	22.23	22.19	23.70
	DFT-s-OFDM	1	1	20.88	20.74	20.62	22.20
	DFT-s-OFDM	1	1	19.33	19.41	19.30	20.20
	CP-OFDM QPSK	1	1	22.20	22.05	22.18	23.20
	CP-OFDM 16QAM	1	1	21.83	21.72	21.75	22.70
	CP-OFDM 64QAM	1	1	20.10	20.05	19.95	21.20
	CP-OFDM 256QAM	1	1	16.86	16.80	16.87	18.20

N38-ANT0 Level4_OFF

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up
		Frequency(MHz)		2575	2595	2615	power
10	DFT-s-OFDM	1	1	23.59	23.69	23.67	24.70
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up
		Frequency(MHz)		2577.5	2595	2612.5	power
15	DFT-s-OFDM	1	1	23.54	23.60	23.76	24.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM BPSK	1	1	23.49	23.58	23.65	24.70
		1	26	23.58	23.61	23.73	24.70
		1	49	23.49	23.62	23.73	24.70
		25	0	23.64	23.71	23.80	24.70
		25	13	23.52	23.60	23.73	24.70
		25	26	23.51	23.70	23.75	24.70
		50	0	23.55	23.60	23.71	24.70
	DFT-s-OFDM	1	1	23.39	23.54	23.48	24.70
	DFT-s-OFDM	1	1	22.30	22.23	22.19	23.70
	DFT-s-OFDM	1	1	20.88	20.74	20.62	22.20
	DFT-s-OFDM	1	1	19.33	19.41	19.30	20.20
	CP-OFDM QPSK	1	1	22.20	22.05	22.18	23.20
	CP-OFDM 16QAM	1	1	21.83	21.72	21.75	22.70
	CP-OFDM 64QAM	1	1	20.10	20.05	19.95	21.20
	CP-OFDM 256QAM	1	1	16.86	16.80	16.87	18.20

N38-ANT0 Level4_ON1

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up
		Frequency(MHz)		2575	2595	2615	power
10	DFT-s-OFDM	1	1	23.59	23.69	23.67	24.70
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up
		Frequency(MHz)		2577.5	2595	2612.5	power
15	DFT-s-OFDM	1	1	23.54	23.60	23.76	24.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM BPSK	1	1	23.49	23.58	23.65	24.70
		1	26	23.58	23.61	23.73	24.70
		1	49	23.49	23.62	23.73	24.70
		25	0	23.64	23.71	23.80	24.70
		25	13	23.52	23.60	23.73	24.70
		25	26	23.51	23.70	23.75	24.70
		50	0	23.55	23.60	23.71	24.70
	DFT-s-OFDM	1	1	23.39	23.54	23.48	24.70
	DFT-s-OFDM	1	1	22.30	22.23	22.19	23.70
	DFT-s-OFDM	1	1	20.88	20.74	20.62	22.20
	DFT-s-OFDM	1	1	19.33	19.41	19.30	20.20
	CP-OFDM QPSK	1	1	22.20	22.05	22.18	23.20
	CP-OFDM 16QAM	1	1	21.83	21.72	21.75	22.70
	CP-OFDM 64QAM	1	1	20.10	20.05	19.95	21.20
	CP-OFDM 256QAM	1	1	16.86	16.80	16.87	18.20

N38-ANT0 Level5&6_OFF

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
10	DFT-s-OFDM	1	1	2575	2595	2615	24.70
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	23.54	23.60	23.76	24.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	23.49	23.58	23.65	24.70
		1	26	23.58	23.61	23.73	24.70
		1	49	23.49	23.62	23.73	24.70
		25	0	23.64	23.71	23.80	24.70
		25	13	23.52	23.60	23.73	24.70
		25	26	23.51	23.70	23.75	24.70
		50	0	23.55	23.60	23.71	24.70
	DFT-s-OFDM	1	1	23.39	23.54	23.48	24.70
	DFT-s-OFDM	1	1	22.30	22.23	22.19	23.70
	DFT-s-OFDM	1	1	20.88	20.74	20.62	22.20
	DFT-s-OFDM	1	1	19.33	19.41	19.30	20.20
	CP-OFDM QPSK	1	1	22.20	22.05	22.18	23.20
	CP-OFDM 16QAM	1	1	21.83	21.72	21.75	22.70
	CP-OFDM 64QAM	1	1	20.10	20.05	19.95	21.20
	CP-OFDM 256QAM	1	1	16.86	16.80	16.87	18.20

N38-ANT0 Level5&6_ON1

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up
		Frequency(MHz)		2575	2595	2615	power
10	DFT-s-OFDM	1	1	23.07	23.14	23.13	23.70
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up
		Frequency(MHz)		2577.5	2595	2612.5	power
15	DFT-s-OFDM	1	1	22.86	22.99	22.87	23.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM BPSK	1	1	23.11	23.01	23.16	23.70
		1	26	22.93	23.04	22.92	23.70
		1	49	23.28	23.21	23.15	23.70
		25	0	22.27	22.39	22.17	23.70
		25	13	23.02	23.04	23.05	23.70
		25	26	22.97	22.90	22.97	23.70
		50	0	22.24	22.34	22.13	23.70
	DFT-s-OFDM	1	1	22.88	22.97	23.11	23.70
	DFT-s-OFDM	1	1	22.27	22.25	22.38	23.70
	DFT-s-OFDM	1	1	20.69	20.73	20.60	22.20
	DFT-s-OFDM	1	1	19.23	19.38	19.26	20.20
	CP-OFDM QPSK	1	1	21.93	22.05	22.12	23.20
	CP-OFDM 16QAM	1	1	21.81	21.72	21.80	22.70
	CP-OFDM 64QAM	1	1	20.07	20.04	19.89	21.20
	CP-OFDM 256QAM	1	1	16.88	16.80	16.73	18.20

N38-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.86	22.87	22.85	24.40
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	22.76	22.85	22.81	24.40
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.73	22.81	22.80	24.40
		1	26	22.76	22.82	22.91	24.40
		1	49	22.77	22.80	22.76	24.40
		25	0	22.88	22.97	22.96	24.40
		25	13	22.80	22.87	22.88	24.40
		25	26	22.73	22.84	22.84	24.40
	50	0	22.84	22.88	22.87	24.40	
	DFT-s-OFDM	1	1	22.66	22.71	22.60	24.40
	DFT-s-OFDM	1	1	21.50	21.50	21.52	23.40
	DFT-s-OFDM	1	1	20.16	20.03	20.06	21.90
	DFT-s-OFDM	1	1	18.64	18.69	18.67	19.90
	CP-OFDM QPSK	1	1	21.42	21.28	21.28	22.90
	CP-OFDM 16QAM	1	1	20.85	20.97	20.83	22.40
	CP-OFDM 64QAM	1	1	19.35	19.30	19.39	20.90
CP-OFDM 256QAM	1	1	16.09	16.04	15.90	17.90	

N38-ANT1 Level1

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.04	17.03	17.04	17.40
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	16.99	17.02	17.03	17.40
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	16.99	17.15	17.02	17.40
		1	26	17.01	17.01	17.08	17.40
		1	49	16.94	17.06	17.02	17.40
		25	0	17.06	17.14	17.11	17.40
		25	13	17.03	17.02	17.00	17.40
		25	26	16.96	16.99	17.06	17.40
		50	0	16.98	17.02	16.97	17.40
	DFT-s-OFDM	1	1	16.97	17.00	17.08	17.40
	DFT-s-OFDM	1	1	16.94	17.14	16.96	17.40
	DFT-s-OFDM	1	1	17.04	17.05	17.08	17.40
	DFT-s-OFDM	1	1	17.04	17.10	16.93	17.40
	CP-OFDM QPSK	1	1	16.94	16.99	17.03	17.40
	CP-OFDM 16QAM	1	1	16.92	17.10	17.10	17.40
	CP-OFDM 64QAM	1	1	16.97	17.07	17.01	17.40
	CP-OFDM 256QAM	1	1	16.99	17.12	17.04	17.40

N38-ANT1 Level2&3

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	15.89	16.10	15.90	16.90
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	15.88	16.13	15.91	16.90
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	16.03	16.13	16.02	16.90
		1	26	15.99	15.99	15.92	16.90
		1	49	15.99	16.03	15.91	16.90
		25	0	16.10	16.14	15.97	16.90
		25	13	15.98	16.08	16.01	16.90
		25	26	16.00	16.03	15.94	16.90
		50	0	15.94	16.12	15.99	16.90
	DFT-s-OFDM	1	1	15.91	16.12	16.00	16.90
	DFT-s-OFDM	1	1	15.89	16.00	15.97	16.90
	DFT-s-OFDM	1	1	15.99	15.99	15.88	16.90
	DFT-s-OFDM	1	1	15.96	16.04	15.87	16.90
	CP-OFDM QPSK	1	1	15.95	16.10	15.99	16.90
	CP-OFDM 16QAM	1	1	15.92	16.05	15.87	16.90
	CP-OFDM 64QAM	1	1	15.94	15.99	15.88	16.90
	CP-OFDM 256QAM	1	1	15.88	16.04	15.98	16.90

N38-ANT1 Level4_OFF

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
10	DFT-s-OFDM	1	1	22.86	22.87	22.85	24.40
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	22.76	22.85	22.81	24.40
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.73	22.81	22.80	24.40
		1	26	22.76	22.82	22.91	24.40
		1	49	22.77	22.80	22.76	24.40
		25	0	22.88	22.97	22.96	24.40
		25	13	22.80	22.87	22.88	24.40
		25	26	22.73	22.84	22.84	24.40
		50	0	22.84	22.88	22.87	24.40
	DFT-s-OFDM	1	1	22.66	22.71	22.60	24.40
	DFT-s-OFDM	1	1	21.50	21.50	21.52	23.40
	DFT-s-OFDM	1	1	20.16	20.03	20.06	21.90
	DFT-s-OFDM	1	1	18.64	18.69	18.67	19.90
	CP-OFDM QPSK	1	1	21.42	21.28	21.28	22.90
	CP-OFDM 16QAM	1	1	20.85	20.97	20.83	22.40
	CP-OFDM 64QAM	1	1	19.35	19.30	19.39	20.90
	CP-OFDM 256QAM	1	1	16.09	16.04	15.90	17.90

N38-ANT1 Level4 ON2

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.86	22.87	22.85	24.40
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	22.76	22.85	22.81	24.40
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.73	22.81	22.80	24.40
		1	26	22.76	22.82	22.91	24.40
		1	49	22.77	22.80	22.76	24.40
		25	0	22.88	22.97	22.96	24.40
		25	13	22.80	22.87	22.88	24.40
		25	26	22.73	22.84	22.84	24.40
		50	0	22.84	22.88	22.87	24.40
	DFT-s-OFDM	1	1	22.66	22.71	22.60	24.40
	DFT-s-OFDM	1	1	21.50	21.50	21.52	23.40
	DFT-s-OFDM	1	1	20.16	20.03	20.06	21.90
	DFT-s-OFDM	1	1	18.64	18.69	18.67	19.90
	CP-OFDM QPSK	1	1	21.42	21.28	21.28	22.90
	CP-OFDM 16QAM	1	1	20.85	20.97	20.83	22.40
	CP-OFDM 64QAM	1	1	19.35	19.30	19.39	20.90
	CP-OFDM 256QAM	1	1	16.09	16.04	15.90	17.90

N38-ANT1 Level5&6_OFF

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
10	DFT-s-OFDM	1	1	22.86	22.87	22.85	24.40
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	22.76	22.85	22.81	24.40
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.73	22.81	22.80	24.40
		1	26	22.76	22.82	22.91	24.40
		1	49	22.77	22.80	22.76	24.40
		25	0	22.88	22.97	22.96	24.40
		25	13	22.80	22.87	22.88	24.40
		25	26	22.73	22.84	22.84	24.40
		50	0	22.84	22.88	22.87	24.40
	DFT-s-OFDM	1	1	22.66	22.71	22.60	24.40
	DFT-s-OFDM	1	1	21.50	21.50	21.52	23.40
	DFT-s-OFDM	1	1	20.16	20.03	20.06	21.90
	DFT-s-OFDM	1	1	18.64	18.69	18.67	19.90
	CP-OFDM QPSK	1	1	21.42	21.28	21.28	22.90
	CP-OFDM 16QAM	1	1	20.85	20.97	20.83	22.40
	CP-OFDM 64QAM	1	1	19.35	19.30	19.39	20.90
	CP-OFDM 256QAM	1	1	16.09	16.04	15.90	17.90

N38-ANT1 Level5&6 ON2

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
10	DFT-s-OFDM	1	1	22.86	22.87	22.85	24.40
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM	1	1	22.76	22.85	22.81	24.40
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.73	22.81	22.80	24.40
		1	26	22.76	22.82	22.91	24.40
		1	49	22.77	22.80	22.76	24.40
		25	0	22.88	22.97	22.96	24.40
		25	13	22.80	22.87	22.88	24.40
		25	26	22.73	22.84	22.84	24.40
		50	0	22.84	22.88	22.87	24.40
	DFT-s-OFDM	1	1	22.66	22.71	22.60	24.40
	DFT-s-OFDM	1	1	21.50	21.50	21.52	23.40
	DFT-s-OFDM	1	1	20.16	20.03	20.06	21.90
	DFT-s-OFDM	1	1	18.64	18.69	18.67	19.90
	CP-OFDM QPSK	1	1	21.42	21.28	21.28	22.90
	CP-OFDM 16QAM	1	1	20.85	20.97	20.83	22.40
	CP-OFDM 64QAM	1	1	19.35	19.30	19.39	20.90
	CP-OFDM 256QAM	1	1	16.09	16.04	15.90	17.90

8.6.5 NR Band41 Output Power

N41-ANT0 Full power

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dBm)
20	DFT-s-OFDM BPSK	1	1	23.12	23.18	23.26	23.24	23.13	24.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dBm)
30	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.20	23.29	23.24	24.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dBm)
40	DFT-s-OFDM BPSK	1	1	23.04	23.10	23.24	23.22	23.18	24.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dBm)
50	DFT-s-OFDM BPSK	1	1	23.12	23.19	23.22	23.19	23.27	24.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dBm)
60	DFT-s-OFDM BPSK	1	1	23.13	23.19	23.18	23.17	23.23	24.70
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dBm)
70	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.14	23.17	23.12	24.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dBm)
80	DFT-s-OFDM BPSK	1	1	23.13	23.12	23.13	23.21	23.26	24.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dBm)
90	DFT-s-OFDM BPSK	1	1	23.03	23.05	23.14	23.16	23.16	24.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dBm)
100	DFT-s-OFDM BPSK	1	1	23.15	23.20	23.27	23.29	23.27	24.70
		1	137	23.03	23.18	23.20	23.17	23.12	24.70
		1	271	23.04	23.18	23.20	23.14	23.25	24.70
		135	0	23.03	23.06	23.23	23.15	23.16	24.70
		135	69	23.02	23.17	23.22	23.22	23.20	24.70
		135	138	23.08	23.17	23.13	23.18	23.25	24.70
		270	0	23.13	23.17	23.12	23.16	23.18	24.70
	DFT-s-OFDM	1	1	23.14	23.20	23.12	23.15	23.26	24.70
	DFT-s-OFDM	1	1	22.02	22.08	22.14	22.29	22.20	23.70
	DFT-s-OFDM	1	1	20.57	20.64	20.71	20.70	20.69	22.20
	DFT-s-OFDM	1	1	18.60	18.65	18.75	18.68	18.68	20.20
	CP-OFDM QPSK	1	1	21.50	21.65	21.68	21.70	21.63	23.20
	CP-OFDM 16QAM	1	1	21.12	21.06	21.19	21.21	21.23	22.70
	CP-OFDM 64QAM	1	1	19.53	19.70	19.76	19.78	19.65	21.20
	CP-OFDM 256QAM	1	1	16.65	16.58	16.69	16.71	16.62	18.20

N41-ANT0 Level1

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dBm)
20	DFT-s-OFDM BPSK	1	1	23.12	23.18	23.26	23.24	23.13	24.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dBm)
30	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.20	23.29	23.24	24.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dBm)
40	DFT-s-OFDM BPSK	1	1	23.04	23.10	23.24	23.22	23.18	24.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dBm)
50	DFT-s-OFDM BPSK	1	1	23.12	23.19	23.22	23.19	23.27	24.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dBm)
60	DFT-s-OFDM BPSK	1	1	23.13	23.19	23.18	23.17	23.23	24.70
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dBm)
70	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.14	23.17	23.12	24.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dBm)
80	DFT-s-OFDM BPSK	1	1	23.13	23.12	23.13	23.21	23.26	24.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dBm)
90	DFT-s-OFDM BPSK	1	1	23.03	23.05	23.14	23.16	23.16	24.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dBm)
100	DFT-s-OFDM BPSK	1	1	23.15	23.20	23.27	23.29	23.27	24.70
		1	137	23.03	23.18	23.20	23.17	23.12	24.70
		1	271	23.04	23.18	23.20	23.14	23.25	24.70
		135	0	23.03	23.06	23.23	23.15	23.16	24.70
		135	69	23.02	23.17	23.22	23.22	23.20	24.70
		135	138	23.08	23.17	23.13	23.18	23.25	24.70
		270	0	23.13	23.17	23.12	23.16	23.18	24.70
	DFT-s-OFDM	1	1	23.14	23.20	23.12	23.15	23.26	24.70
	DFT-s-OFDM	1	1	22.02	22.08	22.14	22.29	22.20	23.70
	DFT-s-OFDM	1	1	20.57	20.64	20.71	20.70	20.69	22.20
	DFT-s-OFDM	1	1	18.60	18.65	18.75	18.68	18.68	20.20
	CP-OFDM QPSK	1	1	21.50	21.65	21.68	21.70	21.63	23.20
	CP-OFDM 16QAM	1	1	21.12	21.06	21.19	21.21	21.23	22.70
	CP-OFDM 64QAM	1	1	19.53	19.70	19.76	19.78	19.65	21.20
	CP-OFDM 256QAM	1	1	16.65	16.58	16.69	16.71	16.62	18.20

N41-ANT0 Level2&3

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dBm)
20	DFT-s-OFDM BPSK	1	1	23.12	23.18	23.26	23.24	23.13	24.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dBm)
30	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.20	23.29	23.24	24.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dBm)
40	DFT-s-OFDM BPSK	1	1	23.04	23.10	23.24	23.22	23.18	24.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dBm)
50	DFT-s-OFDM BPSK	1	1	23.12	23.19	23.22	23.19	23.27	24.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dBm)
60	DFT-s-OFDM BPSK	1	1	23.13	23.19	23.18	23.17	23.23	24.70
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dBm)
70	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.14	23.17	23.12	24.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dBm)
80	DFT-s-OFDM BPSK	1	1	23.13	23.12	23.13	23.21	23.26	24.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dBm)
90	DFT-s-OFDM BPSK	1	1	23.03	23.05	23.14	23.16	23.16	24.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dBm)
100	DFT-s-OFDM BPSK	1	1	23.15	23.20	23.27	23.29	23.27	24.70
		1	137	23.03	23.18	23.20	23.17	23.12	24.70
		1	271	23.04	23.18	23.20	23.14	23.25	24.70
		135	0	23.03	23.06	23.23	23.15	23.16	24.70
		135	69	23.02	23.17	23.22	23.22	23.20	24.70
		135	138	23.08	23.17	23.13	23.18	23.25	24.70
		270	0	23.13	23.17	23.12	23.16	23.18	24.70
	DFT-s-OFDM	1	1	23.14	23.20	23.12	23.15	23.26	24.70
	DFT-s-OFDM	1	1	22.02	22.08	22.14	22.29	22.20	23.70
	DFT-s-OFDM	1	1	20.57	20.64	20.71	20.70	20.69	22.20
	DFT-s-OFDM	1	1	18.60	18.65	18.75	18.68	18.68	20.20
	CP-OFDM QPSK	1	1	21.50	21.65	21.68	21.70	21.63	23.20
	CP-OFDM 16QAM	1	1	21.12	21.06	21.19	21.21	21.23	22.70
	CP-OFDM 64QAM	1	1	19.53	19.70	19.76	19.78	19.65	21.20
	CP-OFDM 256QAM	1	1	16.65	16.58	16.69	16.71	16.62	18.20

N41-ANT0 Level4_OFF

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dBm)
20	DFT-s-OFDM BPSK	1	1	23.12	23.18	23.26	23.24	23.13	24.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dBm)
30	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.20	23.29	23.24	24.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dBm)
40	DFT-s-OFDM BPSK	1	1	23.04	23.10	23.24	23.22	23.18	24.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dBm)
50	DFT-s-OFDM BPSK	1	1	23.12	23.19	23.22	23.19	23.27	24.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dBm)
60	DFT-s-OFDM BPSK	1	1	23.13	23.19	23.18	23.17	23.23	24.70
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dBm)
70	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.14	23.17	23.12	24.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dBm)
80	DFT-s-OFDM BPSK	1	1	23.13	23.12	23.13	23.21	23.26	24.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dBm)
90	DFT-s-OFDM BPSK	1	1	23.03	23.05	23.14	23.16	23.16	24.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dBm)
100	DFT-s-OFDM BPSK	1	1	23.15	23.20	23.27	23.29	23.27	24.70
		1	137	23.03	23.18	23.20	23.17	23.12	24.70
		1	271	23.04	23.18	23.20	23.14	23.25	24.70
		135	0	23.03	23.06	23.23	23.15	23.16	24.70
		135	69	23.02	23.17	23.22	23.22	23.20	24.70
		135	138	23.08	23.17	23.13	23.18	23.25	24.70
		270	0	23.13	23.17	23.12	23.16	23.18	24.70
	DFT-s-OFDM	1	1	23.14	23.20	23.12	23.15	23.26	24.70
	DFT-s-OFDM	1	1	22.02	22.08	22.14	22.29	22.20	23.70
	DFT-s-OFDM	1	1	20.57	20.64	20.71	20.70	20.69	22.20
	DFT-s-OFDM	1	1	18.60	18.65	18.75	18.68	18.68	20.20
	CP-OFDM QPSK	1	1	21.50	21.65	21.68	21.70	21.63	23.20
	CP-OFDM 16QAM	1	1	21.12	21.06	21.19	21.21	21.23	22.70
	CP-OFDM 64QAM	1	1	19.53	19.70	19.76	19.78	19.65	21.20
	CP-OFDM 256QAM	1	1	16.65	16.58	16.69	16.71	16.62	18.20

N41-ANT0 Level4_ON1

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dBm)
20	DFT-s-OFDM BPSK	1	1	23.12	23.18	23.26	23.24	23.13	24.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dBm)
30	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.20	23.29	23.24	24.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dBm)
40	DFT-s-OFDM BPSK	1	1	23.04	23.10	23.24	23.22	23.18	24.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dBm)
50	DFT-s-OFDM BPSK	1	1	23.12	23.19	23.22	23.19	23.27	24.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dBm)
60	DFT-s-OFDM BPSK	1	1	23.13	23.19	23.18	23.17	23.23	24.70
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dBm)
70	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.14	23.17	23.12	24.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dBm)
80	DFT-s-OFDM BPSK	1	1	23.13	23.12	23.13	23.21	23.26	24.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dBm)
90	DFT-s-OFDM BPSK	1	1	23.03	23.05	23.14	23.16	23.16	24.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dBm)
100	DFT-s-OFDM BPSK	1	1	23.15	23.20	23.27	23.29	23.27	24.70
		1	137	23.03	23.18	23.20	23.17	23.12	24.70
		1	271	23.04	23.18	23.20	23.14	23.25	24.70
		135	0	23.03	23.06	23.23	23.15	23.16	24.70
		135	69	23.02	23.17	23.22	23.22	23.20	24.70
		135	138	23.08	23.17	23.13	23.18	23.25	24.70
		270	0	23.13	23.17	23.12	23.16	23.18	24.70
	DFT-s-OFDM	1	1	23.14	23.20	23.12	23.15	23.26	24.70
	DFT-s-OFDM	1	1	22.02	22.08	22.14	22.29	22.20	23.70
	DFT-s-OFDM	1	1	20.57	20.64	20.71	20.70	20.69	22.20
	DFT-s-OFDM	1	1	18.60	18.65	18.75	18.68	18.68	20.20
	CP-OFDM QPSK	1	1	21.50	21.65	21.68	21.70	21.63	23.20
	CP-OFDM 16QAM	1	1	21.12	21.06	21.19	21.21	21.23	22.70
	CP-OFDM 64QAM	1	1	19.53	19.70	19.76	19.78	19.65	21.20
	CP-OFDM 256QAM	1	1	16.65	16.58	16.69	16.71	16.62	18.20

N41-ANT0 Level5&6_OFF

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dBm)
20	DFT-s-OFDM BPSK	1	1	23.12	23.18	23.26	23.24	23.13	24.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dBm)
30	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.20	23.29	23.24	24.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dBm)
40	DFT-s-OFDM BPSK	1	1	23.04	23.10	23.24	23.22	23.18	24.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dBm)
50	DFT-s-OFDM BPSK	1	1	23.12	23.19	23.22	23.19	23.27	24.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dBm)
60	DFT-s-OFDM BPSK	1	1	23.13	23.19	23.18	23.17	23.23	24.70
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dBm)
70	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.14	23.17	23.12	24.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dBm)
80	DFT-s-OFDM BPSK	1	1	23.13	23.12	23.13	23.21	23.26	24.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dBm)
90	DFT-s-OFDM BPSK	1	1	23.03	23.05	23.14	23.16	23.16	24.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dBm)
100	DFT-s-OFDM BPSK	1	1	23.15	23.20	23.27	23.29	23.27	24.70
		1	137	23.03	23.18	23.20	23.17	23.12	24.70
		1	271	23.04	23.18	23.20	23.14	23.25	24.70
		135	0	23.03	23.06	23.23	23.15	23.16	24.70
		135	69	23.02	23.17	23.22	23.22	23.20	24.70
		135	138	23.08	23.17	23.13	23.18	23.25	24.70
		270	0	23.13	23.17	23.12	23.16	23.18	24.70
	DFT-s-OFDM	1	1	23.14	23.20	23.12	23.15	23.26	24.70
	DFT-s-OFDM	1	1	22.02	22.08	22.14	22.29	22.20	23.70
	DFT-s-OFDM	1	1	20.57	20.64	20.71	20.70	20.69	22.20
	DFT-s-OFDM	1	1	18.60	18.65	18.75	18.68	18.68	20.20
	CP-OFDM QPSK	1	1	21.50	21.65	21.68	21.70	21.63	23.20
	CP-OFDM 16QAM	1	1	21.12	21.06	21.19	21.21	21.23	22.70
	CP-OFDM 64QAM	1	1	19.53	19.70	19.76	19.78	19.65	21.20
	CP-OFDM 256QAM	1	1	16.65	16.58	16.69	16.71	16.62	18.20

N41-ANT0 Level5&6_ON1

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dBm)
20	DFT-s-OFDM BPSK	1	1	23.12	23.18	23.26	23.24	23.13	24.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dBm)
30	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.20	23.29	23.24	24.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dBm)
40	DFT-s-OFDM BPSK	1	1	23.04	23.10	23.24	23.22	23.18	24.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dBm)
50	DFT-s-OFDM BPSK	1	1	23.12	23.19	23.22	23.19	23.27	24.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dBm)
60	DFT-s-OFDM BPSK	1	1	23.13	23.19	23.18	23.17	23.23	24.70
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dBm)
70	DFT-s-OFDM BPSK	1	1	23.15	23.12	23.14	23.17	23.12	24.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dBm)
80	DFT-s-OFDM BPSK	1	1	23.13	23.12	23.13	23.21	23.26	24.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dBm)
90	DFT-s-OFDM BPSK	1	1	23.03	23.05	23.14	23.16	23.16	24.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dBm)
100	DFT-s-OFDM BPSK	1	1	23.15	23.20	23.27	23.29	23.27	24.70
		1	137	23.03	23.18	23.20	23.17	23.12	24.70
		1	271	23.04	23.18	23.20	23.14	23.25	24.70
		135	0	23.03	23.06	23.23	23.15	23.16	24.70
		135	69	23.02	23.17	23.22	23.22	23.20	24.70
		135	138	23.08	23.17	23.13	23.18	23.25	24.70
		270	0	23.13	23.17	23.12	23.16	23.18	24.70
	DFT-s-OFDM	1	1	23.14	23.20	23.12	23.15	23.26	24.70
	DFT-s-OFDM	1	1	22.02	22.08	22.14	22.29	22.20	23.70
	DFT-s-OFDM	1	1	20.57	20.64	20.71	20.70	20.69	22.20
	DFT-s-OFDM	1	1	18.60	18.65	18.75	18.68	18.68	20.20
	CP-OFDM QPSK	1	1	21.50	21.65	21.68	21.70	21.63	23.20
	CP-OFDM 16QAM	1	1	21.12	21.06	21.19	21.21	21.23	22.70
	CP-OFDM 64QAM	1	1	19.53	19.70	19.76	19.78	19.65	21.20
	CP-OFDM 256QAM	1	1	16.65	16.58	16.69	16.71	16.62	18.20

N41-ANT1 Full power

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	22.64	22.66	22.65	22.68	22.52	24.40
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dB)
30	DFT-s-OFDM BPSK	1	1	22.57	22.73	22.56	22.71	22.56	24.40
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	22.60	22.62	22.56	22.73	22.65	24.40
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	22.66	22.64	22.52	22.65	22.62	24.40
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	22.51	22.77	22.52	22.79	22.51	24.40
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dB)
70	DFT-s-OFDM BPSK	1	1	22.53	22.75	22.54	22.71	22.56	24.40
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	22.59	22.76	22.56	22.77	22.60	24.40
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	22.53	22.72	22.54	22.71	22.65	24.40
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM BPSK	1	1	22.65	22.61	22.67	22.62	22.65	24.40
		1	137	22.61	22.65	22.53	22.65	22.59	24.40
		1	271	22.55	22.65	22.52	22.62	22.60	24.40
		135	0	22.53	22.62	22.67	22.63	22.51	24.40
		135	69	22.64	22.65	22.51	22.63	22.52	24.40
		135	138	22.64	22.66	22.51	22.66	22.63	24.40
		270	0	22.61	22.73	22.52	22.66	22.54	24.40
	DFT-s-OFDM	1	1	22.61	22.64	22.53	22.69	22.53	24.40
	DFT-s-OFDM	1	1	21.53	21.76	21.62	21.77	21.56	23.40
	DFT-s-OFDM	1	1	20.03	20.26	20.12	20.27	20.06	21.90
	DFT-s-OFDM	1	1	18.03	18.26	18.12	18.27	18.06	19.90
	CP-OFDM QPSK	1	1	21.03	21.26	21.12	21.27	21.06	22.90
	CP-OFDM 16QAM	1	1	20.53	20.76	20.62	20.77	20.56	22.40
	CP-OFDM 64QAM	1	1	19.03	19.26	19.12	19.27	19.06	20.90
	CP-OFDM 256QAM	1	1	16.03	16.26	16.12	16.27	16.06	17.90

N41-ANT1 Level1

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	16.86	16.93	16.88	16.83	16.90	17.40
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dB)
30	DFT-s-OFDM BPSK	1	1	16.84	17.00	16.84	16.77	16.88	17.40
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	16.93	16.89	16.81	16.71	16.88	17.40
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	16.90	16.97	16.96	16.79	16.80	17.40
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	16.89	16.95	16.81	16.80	16.88	17.40
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dB)
70	DFT-s-OFDM BPSK	1	1	16.94	16.97	16.91	16.68	16.91	17.40
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	16.87	17.01	16.93	16.74	16.88	17.40
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	16.82	16.97	16.94	16.82	16.87	17.40
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM BPSK	1	1	16.94	16.92	16.96	16.83	16.95	17.40
		1	137	16.86	16.90	16.85	16.75	16.84	17.40
		1	271	16.79	16.93	16.87	16.69	16.88	17.40
		135	0	16.82	16.81	16.89	16.80	16.82	17.40
		135	69	16.83	16.89	16.85	16.71	16.81	17.40
		135	138	16.80	16.85	16.83	16.79	16.84	17.40
		270	0	16.91	16.92	16.90	16.75	16.90	17.40
	DFT-s-OFDM	1	1	16.87	17.00	16.82	16.69	16.81	17.40
	DFT-s-OFDM	1	1	16.91	16.91	16.88	16.81	16.91	17.40
	DFT-s-OFDM	1	1	16.90	16.92	16.89	16.74	16.91	17.40
	DFT-s-OFDM	1	1	16.83	16.90	16.84	16.73	16.93	17.40
	CP-OFDM QPSK	1	1	16.82	17.00	16.85	16.74	16.85	17.40
	CP-OFDM 16QAM	1	1	16.85	17.02	16.94	16.68	16.82	17.40
	CP-OFDM 64QAM	1	1	16.84	16.96	16.86	16.80	16.84	17.40
	CP-OFDM 256QAM	1	1	16.91	16.97	16.90	16.71	16.84	17.40

N41-ANT1 Level2&3

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	16.61	16.56	16.89	16.51	16.68	16.90
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dB)
30	DFT-s-OFDM BPSK	1	1	16.61	16.64	16.75	16.58	16.60	16.90
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	16.67	16.55	16.79	16.56	16.65	16.90
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	16.68	16.65	16.86	16.44	16.69	16.90
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	16.68	16.64	16.89	16.59	16.63	16.90
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dB)
70	DFT-s-OFDM BPSK	1	1	16.61	16.59	16.83	16.55	16.72	16.90
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	16.62	16.63	16.86	16.57	16.72	16.90
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	16.70	16.56	16.76	16.57	16.72	16.90
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM BPSK	1	1	16.74	16.70	16.89	16.59	16.75	16.90
		1	137	16.70	16.57	16.76	16.49	16.66	16.90
		1	271	16.68	16.64	16.83	16.53	16.65	16.90
		135	0	16.63	16.58	16.74	16.50	16.71	16.90
		135	69	16.70	16.65	16.86	16.56	16.62	16.90
		135	138	16.70	16.69	16.83	16.48	16.71	16.90
		270	0	16.60	16.63	16.75	16.55	16.74	16.90
	DFT-s-OFDM	1	1	16.59	16.69	16.88	16.46	16.65	16.90
	DFT-s-OFDM	1	1	16.68	16.69	16.84	16.50	16.67	16.90
	DFT-s-OFDM	1	1	16.63	16.55	16.84	16.55	16.72	16.90
	DFT-s-OFDM	1	1	16.69	16.68	16.87	16.58	16.65	16.90
	CP-OFDM QPSK	1	1	16.63	16.64	16.79	16.44	16.70	16.90
	CP-OFDM 16QAM	1	1	16.71	16.61	16.84	16.58	16.69	16.90
	CP-OFDM 64QAM	1	1	16.66	16.58	16.83	16.52	16.61	16.90
	CP-OFDM 256QAM	1	1	16.65	16.56	16.88	16.58	16.69	16.90

N41-ANT1 Level4_OFF

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	22.64	22.66	22.65	22.68	22.52	24.40
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dB)
30	DFT-s-OFDM BPSK	1	1	22.57	22.73	22.56	22.71	22.56	24.40
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	22.60	22.62	22.56	22.73	22.65	24.40
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	22.56	22.64	22.52	22.65	22.62	24.40
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	22.51	22.77	22.52	22.79	22.51	24.40
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dB)
70	DFT-s-OFDM BPSK	1	1	22.53	22.75	22.54	22.71	22.56	24.40
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	22.59	22.76	22.56	22.77	22.60	24.40
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	22.53	22.72	22.54	22.71	22.65	24.40
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM BPSK	1	1	22.65	22.61	22.67	22.62	22.65	24.40
		1	137	22.61	22.65	22.53	22.65	22.59	24.40
		1	271	22.55	22.65	22.52	22.62	22.60	24.40
		135	0	22.53	22.62	22.67	22.63	22.51	24.40
		135	69	22.64	22.65	22.51	22.63	22.52	24.40
		135	138	22.64	22.66	22.51	22.66	22.63	24.40
		270	0	22.61	22.73	22.52	22.66	22.54	24.40
	DFT-s-OFDM	1	1	22.61	22.64	22.53	22.69	22.53	24.40
	DFT-s-OFDM	1	1	21.53	21.76	21.62	21.77	21.56	23.40
	DFT-s-OFDM	1	1	20.03	20.26	20.12	20.27	20.06	21.90
	DFT-s-OFDM	1	1	18.03	18.26	18.12	18.27	18.06	19.90
	CP-OFDM QPSK	1	1	21.03	21.26	21.12	21.27	21.06	22.90
	CP-OFDM 16QAM	1	1	20.53	20.76	20.62	20.77	20.56	22.40
	CP-OFDM 64QAM	1	1	19.03	19.26	19.12	19.27	19.06	20.90
	CP-OFDM 256QAM	1	1	16.03	16.26	16.12	16.27	16.06	17.90

N41-ANT1 Level4_ON1

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	22.64	22.66	22.65	22.68	22.52	24.40
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dB)
30	DFT-s-OFDM BPSK	1	1	22.57	22.73	22.56	22.71	22.56	24.40
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	22.60	22.62	22.56	22.73	22.65	24.40
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	22.56	22.64	22.52	22.65	22.62	24.40
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	22.51	22.77	22.52	22.79	22.51	24.40
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dB)
70	DFT-s-OFDM BPSK	1	1	22.53	22.75	22.54	22.71	22.56	24.40
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	22.59	22.76	22.56	22.77	22.60	24.40
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	22.53	22.72	22.54	22.71	22.65	24.40
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM BPSK	1	1	22.65	22.61	22.67	22.62	22.65	24.40
		1	137	22.61	22.65	22.53	22.65	22.59	24.40
		1	271	22.55	22.65	22.52	22.62	22.60	24.40
		135	0	22.53	22.62	22.67	22.63	22.51	24.40
		135	69	22.64	22.65	22.51	22.63	22.52	24.40
		135	138	22.64	22.66	22.51	22.66	22.63	24.40
		270	0	22.61	22.73	22.52	22.66	22.54	24.40
	DFT-s-OFDM	1	1	22.61	22.64	22.53	22.69	22.53	24.40
	DFT-s-OFDM	1	1	21.53	21.76	21.62	21.77	21.56	23.40
	DFT-s-OFDM	1	1	20.03	20.26	20.12	20.27	20.06	21.90
	DFT-s-OFDM	1	1	18.03	18.26	18.12	18.27	18.06	19.90
	CP-OFDM QPSK	1	1	21.03	21.26	21.12	21.27	21.06	22.90
	CP-OFDM 16QAM	1	1	20.53	20.76	20.62	20.77	20.56	22.40
	CP-OFDM 64QAM	1	1	19.03	19.26	19.12	19.27	19.06	20.90
	CP-OFDM 256QAM	1	1	16.03	16.26	16.12	16.27	16.06	17.90

N41-ANT1 Level5&6_OFF

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	22.64	22.66	22.65	22.68	22.52	24.40
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dB)
30	DFT-s-OFDM BPSK	1	1	22.57	22.73	22.56	22.71	22.56	24.40
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	22.60	22.62	22.56	22.73	22.65	24.40
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	22.66	22.64	22.52	22.65	22.62	24.40
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	22.51	22.77	22.52	22.79	22.51	24.40
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dB)
70	DFT-s-OFDM BPSK	1	1	22.53	22.75	22.54	22.71	22.56	24.40
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	22.59	22.76	22.56	22.77	22.60	24.40
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	22.53	22.72	22.54	22.71	22.65	24.40
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM BPSK	1	1	22.65	22.61	22.67	22.62	22.65	24.40
		1	137	22.61	22.65	22.53	22.65	22.59	24.40
		1	271	22.55	22.65	22.52	22.62	22.60	24.40
		135	0	22.53	22.62	22.67	22.63	22.51	24.40
		135	69	22.64	22.65	22.51	22.63	22.52	24.40
		135	138	22.64	22.66	22.51	22.66	22.63	24.40
		270	0	22.61	22.73	22.52	22.66	22.54	24.40
	DFT-s-OFDM	1	1	22.61	22.64	22.53	22.69	22.53	24.40
	DFT-s-OFDM	1	1	21.53	21.76	21.62	21.77	21.56	23.40
	DFT-s-OFDM	1	1	20.03	20.26	20.12	20.27	20.06	21.90
	DFT-s-OFDM	1	1	18.03	18.26	18.12	18.27	18.06	19.90
	CP-OFDM QPSK	1	1	21.03	21.26	21.12	21.27	21.06	22.90
	CP-OFDM 16QAM	1	1	20.53	20.76	20.62	20.77	20.56	22.40
	CP-OFDM 64QAM	1	1	19.03	19.26	19.12	19.27	19.06	20.90
	CP-OFDM 256QAM	1	1	16.03	16.26	16.12	16.27	16.06	17.90

N41-ANT1 Level5&6_ON1

Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.49	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	22.64	22.66	22.65	22.68	22.52	24.40
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.98	2592.99	2633.97	2674.98	power(dB)
30	DFT-s-OFDM BPSK	1	1	22.57	22.73	22.56	22.71	22.56	24.40
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.48	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	22.60	22.62	22.56	22.73	22.65	24.40
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.005	2592.99	2628.975	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	22.66	22.64	22.52	22.65	22.62	24.40
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.495	2592.99	2626.485	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	22.51	22.77	22.52	22.79	22.51	24.40
Bandwidth (MHz)		Channel		506202	512400	518598	524796	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562	2592.99	2623.98	2655	power(dB)
70	DFT-s-OFDM BPSK	1	1	22.53	22.75	22.54	22.71	22.56	24.40
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.505	2592.99	2621.475	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	22.59	22.76	22.56	22.77	22.60	24.40
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2566.995	2592.99	2618.985	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	22.53	22.72	22.54	22.71	22.65	24.40
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM BPSK	1	1	22.65	22.61	22.67	22.62	22.65	24.40
		1	137	22.61	22.65	22.53	22.65	22.59	24.40
		1	271	22.55	22.65	22.52	22.62	22.60	24.40
		135	0	22.53	22.62	22.67	22.63	22.51	24.40
		135	69	22.64	22.65	22.51	22.63	22.52	24.40
		135	138	22.64	22.66	22.51	22.66	22.63	24.40
		270	0	22.61	22.73	22.52	22.66	22.54	24.40
	DFT-s-OFDM	1	1	22.61	22.64	22.53	22.69	22.53	24.40
	DFT-s-OFDM	1	1	21.53	21.76	21.62	21.77	21.56	23.40
	DFT-s-OFDM	1	1	20.03	20.26	20.12	20.27	20.06	21.90
	DFT-s-OFDM	1	1	18.03	18.26	18.12	18.27	18.06	19.90
	CP-OFDM QPSK	1	1	21.03	21.26	21.12	21.27	21.06	22.90
	CP-OFDM 16QAM	1	1	20.53	20.76	20.62	20.77	20.56	22.40
	CP-OFDM 64QAM	1	1	19.03	19.26	19.12	19.27	19.06	20.90
	CP-OFDM 256QAM	1	1	16.03	16.26	16.12	16.27	16.06	17.90

8.6.6 LTE Band5 Output Power

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.50
		MID	QPSK	23.70	23.73	23.78	24.50
		HIGH	QPSK	23.72	23.75	23.76	24.50
	3	LOW	QPSK	23.84	23.78	23.85	24.50
		MID	QPSK	23.83	23.79	23.85	24.50
		HIGH	QPSK	23.81	23.74	23.84	24.50
1.4	1	LOW	QPSK	22.81	22.84	22.86	23.50
		MID	QPSK	22.81	22.84	22.86	23.50
		HIGH	QPSK	22.81	22.84	22.86	23.50
	3	LOW	QPSK	22.81	22.84	22.86	23.50
		MID	QPSK	22.81	22.84	22.86	23.50
		HIGH	QPSK	22.81	22.84	22.86	23.50
1.4	1	LOW	Q16	22.93	23.20	22.89	23.50
		MID	Q16	22.93	23.17	22.89	23.50
		HIGH	Q16	22.91	23.22	22.91	23.50
	3	LOW	Q16	22.85	23.00	22.99	23.50
		MID	Q16	22.84	22.93	23.00	23.50
		HIGH	Q16	22.82	22.95	22.99	23.50
1.4	1	LOW	Q16	21.93	21.68	22.00	22.50
		MID	Q16	21.93	21.68	22.00	22.50
		HIGH	Q16	21.93	21.68	22.00	22.50
	3	LOW	Q16	21.93	21.68	22.00	22.50
		MID	Q16	21.93	21.68	22.00	22.50
		HIGH	Q16	21.93	21.68	22.00	22.50
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.50
		MID	64QAM	22.02	22.07	21.79	22.50
		HIGH	64QAM	21.84	22.21	22.05	22.50
	3	LOW	64QAM	21.75	22.10	22.12	22.50
		MID	64QAM	21.88	22.07	22.01	22.50
		HIGH	64QAM	21.72	21.92	21.95	22.50
1.4	1	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
	3	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
3	1	LOW	QPSK	23.82	23.75	23.81	24.50
		MID	QPSK	23.81	23.81	23.82	24.50
		HIGH	QPSK	23.88	23.77	23.81	24.50
	8	LOW	QPSK	22.79	22.78	22.88	23.50
		MID	QPSK	22.79	22.81	22.88	23.50
		HIGH	QPSK	22.80	22.84	22.86	23.50
3	1	LOW	QPSK	22.81	22.83	22.87	23.50
		MID	QPSK	22.81	22.83	22.87	23.50
		HIGH	QPSK	22.81	22.83	22.87	23.50
	8	LOW	QPSK	22.81	22.83	22.87	23.50
		MID	QPSK	22.81	22.83	22.87	23.50
		HIGH	QPSK	22.81	22.83	22.87	23.50
3	1	LOW	Q16	22.72	23.19	22.90	23.50
		MID	Q16	22.75	23.21	22.89	23.50
		HIGH	Q16	22.75	23.23	22.89	23.50
	8	LOW	Q16	21.92	21.88	21.92	22.50
		MID	Q16	21.94	21.92	21.92	22.50
		HIGH	Q16	21.90	21.90	21.91	22.50
3	1	LOW	Q16	21.82	21.88	21.83	22.50
		MID	Q16	21.82	21.88	21.83	22.50
		HIGH	Q16	21.82	21.88	21.83	22.50
	8	LOW	Q16	21.82	21.88	21.83	22.50
		MID	Q16	21.82	21.88	21.83	22.50
		HIGH	Q16	21.82	21.88	21.83	22.50
3	1	LOW	64QAM	21.75	22.20	21.79	22.50
		MID	64QAM	21.61	22.31	21.84	22.50
		HIGH	64QAM	21.90	22.08	21.93	22.50
	8	LOW	64QAM	20.96	20.97	21.01	22.50
		MID	64QAM	21.00	20.88	20.86	22.50
		HIGH	64QAM	20.86	20.91	20.90	22.50
3	1	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50
	8	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.50
		MID	QPSK	24.01	23.86	23.89	24.50
		HIGH	QPSK	24.06	23.87	23.89	24.50
	12	LOW	QPSK	22.83	22.84	22.98	23.50
		MID	QPSK	22.83	22.81	22.88	23.50
		HIGH	QPSK	22.76	22.82	22.88	23.50
	25	LOW	QPSK	22.83	22.81	22.87	23.50
5	1	LOW	Q16	23.07	23.40	22.89	23.50
		MID	Q16	23.13	23.40	22.87	23.50
		HIGH	Q16	23.19	23.38	22.92	23.50
	12	LOW	Q16	21.89	21.94	22.02	22.50
		MID	Q16	21.86	21.95	21.90	22.50
		HIGH	Q16	21.84	21.91	21.92	22.50
	25	LOW	Q16	21.87	21.87	21.84	22.50
5	1	LOW	64QAM	22.12	22.31	21.91	22.50
		MID	64QAM	22.06	22.40	21.90	22.50
		HIGH	64QAM	22.20	22.45	21.93	22.50
	12	LOW	64QAM	21.03	20.86	21.07	21.50
		MID	64QAM	20.94	20.85	20.88	21.50
		HIGH	64QAM	20.99	20.96	20.85	21.50
	25	LOW	64QAM	20.87	20.93	20.84	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.50
		MID	QPSK	23.88	23.82	23.71	24.50
		HIGH	QPSK	23.86	23.83	23.75	24.50
	25	LOW	QPSK	22.91	22.84	22.70	23.50
		MID	QPSK	22.83	22.78	22.73	23.50
		HIGH	QPSK	22.83	22.88	22.71	23.50
50	LOW	QPSK	22.86	22.86	22.78	23.50	
10	1	LOW	Q16	22.70	23.16	22.67	23.50
		MID	Q16	22.76	23.20	22.72	23.50
		HIGH	Q16	22.73	23.22	22.78	23.50
	25	LOW	Q16	21.92	21.86	21.78	22.50
		MID	Q16	21.83	21.87	21.81	22.50
		HIGH	Q16	21.86	21.94	21.81	22.50
50	LOW	Q16	21.84	21.88	21.76	22.50	
10	1	LOW	64QAM	21.75	22.07	21.76	22.50
		MID	64QAM	21.86	22.25	21.83	22.50
		HIGH	64QAM	21.81	22.11	21.87	22.50
	25	LOW	64QAM	20.77	20.75	20.64	21.50
		MID	64QAM	20.95	20.74	20.75	21.50
		HIGH	64QAM	20.86	21.09	20.70	21.50
	50	LOW	64QAM	20.85	21.03	20.85	21.50

LTE B5-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.50
		MID	QPSK	23.70	23.73	23.78	24.50
		HIGH	QPSK	23.72	23.75	23.76	24.50
	3	LOW	QPSK	23.84	23.78	23.85	24.50
		MID	QPSK	23.83	23.79	23.85	24.50
		HIGH	QPSK	23.81	23.74	23.84	24.50
1.4	1	LOW	QPSK	22.81	22.84	22.86	23.50
		MID	QPSK	22.81	22.84	22.86	23.50
		HIGH	QPSK	22.81	22.84	22.86	23.50
	3	LOW	QPSK	22.85	23.00	22.99	23.50
		MID	QPSK	22.84	22.93	23.00	23.50
		HIGH	QPSK	22.82	22.95	22.99	23.50
1.4	1	LOW	QPSK	21.93	21.68	22.00	22.50
		MID	QPSK	21.93	21.68	22.00	22.50
		HIGH	QPSK	21.93	21.68	22.00	22.50
	3	LOW	QPSK	21.93	21.68	22.00	22.50
		MID	QPSK	21.93	21.68	22.00	22.50
		HIGH	QPSK	21.93	21.68	22.00	22.50
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.50
		MID	64QAM	22.02	22.07	21.79	22.50
		HIGH	64QAM	21.84	22.21	22.05	22.50
	3	LOW	64QAM	21.75	22.10	22.12	22.50
		MID	64QAM	21.88	22.07	22.01	22.50
		HIGH	64QAM	21.72	21.92	21.95	22.50
1.4	1	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
	3	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.50
		MID	QPSK	23.81	23.81	23.82	24.50
		HIGH	QPSK	23.88	23.77	23.81	24.50
	8	LOW	QPSK	22.79	22.78	22.88	23.50
		MID	QPSK	22.79	22.81	22.88	23.50
		HIGH	QPSK	22.80	22.84	22.86	23.50
3	1	LOW	QPSK	22.81	22.83	22.87	23.50
		MID	QPSK	22.81	22.83	22.87	23.50
		HIGH	QPSK	22.81	22.83	22.87	23.50
	8	LOW	QPSK	22.72	23.19	22.90	23.50
		MID	QPSK	22.75	23.21	22.89	23.50
		HIGH	QPSK	22.75	23.23	22.89	23.50
3	1	LOW	QPSK	21.92	21.88	21.92	22.50
		MID	QPSK	21.94	21.92	21.92	22.50
		HIGH	QPSK	21.90	21.90	21.91	22.50
	8	LOW	QPSK	21.82	21.88	21.83	22.50
		MID	QPSK	21.82	21.88	21.83	22.50
		HIGH	QPSK	21.82	21.88	21.83	22.50
3	1	LOW	64QAM	21.75	22.20	21.79	22.50
		MID	64QAM	21.61	22.31	21.84	22.50
		HIGH	64QAM	21.90	22.08	21.93	22.50
	8	LOW	64QAM	20.96	20.97	21.01	22.50
		MID	64QAM	21.00	20.88	20.86	22.50
		HIGH	64QAM	20.86	20.91	20.90	22.50
3	1	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50
	8	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50

LTE B5-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.50
		MID	QPSK	24.01	23.86	23.89	24.50
		HIGH	QPSK	24.06	23.87	23.89	24.50
	12	LOW	QPSK	22.83	22.84	22.98	23.50
		MID	QPSK	22.83	22.81	22.88	23.50
		HIGH	QPSK	22.76	22.82	22.88	23.50
	25	LOW	QPSK	22.83	22.81	22.87	23.50
5	1	LOW	Q16	23.07	23.40	22.89	23.50
		MID	Q16	23.13	23.40	22.87	23.50
		HIGH	Q16	23.19	23.38	22.92	23.50
	12	LOW	Q16	21.89	21.94	22.02	22.50
		MID	Q16	21.86	21.95	21.90	22.50
		HIGH	Q16	21.84	21.91	21.92	22.50
	25	LOW	Q16	21.87	21.87	21.84	22.50
5	1	LOW	64QAM	22.12	22.31	21.91	22.50
		MID	64QAM	22.06	22.40	21.90	22.50
		HIGH	64QAM	22.20	22.45	21.93	22.50
	12	LOW	64QAM	21.03	20.86	21.07	21.50
		MID	64QAM	20.94	20.85	20.88	21.50
		HIGH	64QAM	20.99	20.96	20.85	21.50
	25	LOW	64QAM	20.87	20.93	20.84	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.50
		MID	QPSK	23.88	23.82	23.71	24.50
		HIGH	QPSK	23.86	23.83	23.75	24.50
	25	LOW	QPSK	22.91	22.84	22.70	23.50
		MID	QPSK	22.83	22.78	22.73	23.50
		HIGH	QPSK	22.83	22.88	22.71	23.50
50	LOW	QPSK	22.86	22.86	22.78	23.50	
10	1	LOW	Q16	22.70	23.16	22.67	23.50
		MID	Q16	22.76	23.20	22.72	23.50
		HIGH	Q16	22.73	23.22	22.78	23.50
	25	LOW	Q16	21.92	21.86	21.78	22.50
		MID	Q16	21.83	21.87	21.81	22.50
		HIGH	Q16	21.86	21.94	21.81	22.50
50	LOW	Q16	21.84	21.88	21.76	22.50	
10	1	LOW	64QAM	21.75	22.07	21.76	22.50
		MID	64QAM	21.86	22.25	21.83	22.50
		HIGH	64QAM	21.81	22.11	21.87	22.50
	25	LOW	64QAM	20.77	20.75	20.64	21.50
		MID	64QAM	20.95	20.74	20.75	21.50
		HIGH	64QAM	20.86	21.09	20.70	21.50
	50	LOW	64QAM	20.85	21.03	20.85	21.50

LTE B5-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.50
		MID	QPSK	23.70	23.73	23.78	24.50
		HIGH	QPSK	23.72	23.75	23.76	24.50
	3	LOW	QPSK	23.84	23.78	23.85	24.50
		MID	QPSK	23.83	23.79	23.85	24.50
		HIGH	QPSK	23.81	23.74	23.84	24.50
1.4	1	LOW	QPSK	22.81	22.84	22.86	23.50
		MID	QPSK	22.81	22.84	22.86	23.50
		HIGH	QPSK	22.81	22.84	22.86	23.50
	3	LOW	QPSK	22.85	23.00	22.99	23.50
		MID	QPSK	22.84	22.93	23.00	23.50
		HIGH	QPSK	22.82	22.95	22.99	23.50
1.4	1	LOW	QPSK	21.93	21.68	22.00	22.50
		MID	QPSK	21.93	21.68	22.00	22.50
		HIGH	QPSK	21.93	21.68	22.00	22.50
	3	LOW	QPSK	21.93	21.68	22.00	22.50
		MID	QPSK	21.93	21.68	22.00	22.50
		HIGH	QPSK	21.93	21.68	22.00	22.50
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.50
		MID	64QAM	22.02	22.07	21.79	22.50
		HIGH	64QAM	21.84	22.21	22.05	22.50
	3	LOW	64QAM	21.75	22.10	22.12	22.50
		MID	64QAM	21.88	22.07	22.01	22.50
		HIGH	64QAM	21.72	21.92	21.95	22.50
1.4	1	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
	3	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.50
		MID	QPSK	23.81	23.81	23.82	24.50
		HIGH	QPSK	23.88	23.77	23.81	24.50
	8	LOW	QPSK	22.79	22.78	22.88	23.50
		MID	QPSK	22.79	22.81	22.88	23.50
		HIGH	QPSK	22.80	22.84	22.86	23.50
3	1	LOW	QPSK	22.81	22.83	22.87	23.50
		MID	QPSK	22.81	22.83	22.87	23.50
		HIGH	QPSK	22.81	22.83	22.87	23.50
	8	LOW	QPSK	22.72	23.19	22.90	23.50
		MID	QPSK	22.75	23.21	22.89	23.50
		HIGH	QPSK	22.75	23.23	22.89	23.50
3	1	LOW	QPSK	21.92	21.88	21.92	22.50
		MID	QPSK	21.94	21.92	21.92	22.50
		HIGH	QPSK	21.90	21.90	21.91	22.50
	8	LOW	QPSK	21.82	21.88	21.83	22.50
		MID	QPSK	21.82	21.88	21.83	22.50
		HIGH	QPSK	21.82	21.88	21.83	22.50
3	1	LOW	64QAM	21.75	22.20	21.79	22.50
		MID	64QAM	21.61	22.31	21.84	22.50
		HIGH	64QAM	21.90	22.08	21.93	22.50
	8	LOW	64QAM	20.96	20.97	21.01	22.50
		MID	64QAM	21.00	20.88	20.86	22.50
		HIGH	64QAM	20.86	20.91	20.90	22.50
3	1	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50
	8	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50

LTE B5-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.50
		MID	QPSK	24.01	23.86	23.89	24.50
		HIGH	QPSK	24.06	23.87	23.89	24.50
	12	LOW	QPSK	22.83	22.84	22.98	23.50
		MID	QPSK	22.83	22.81	22.88	23.50
		HIGH	QPSK	22.76	22.82	22.88	23.50
	25	LOW	QPSK	22.83	22.81	22.87	23.50
5	1	LOW	Q16	23.07	23.40	22.89	23.50
		MID	Q16	23.13	23.40	22.87	23.50
		HIGH	Q16	23.19	23.38	22.92	23.50
	12	LOW	Q16	21.89	21.94	22.02	22.50
		MID	Q16	21.86	21.95	21.90	22.50
		HIGH	Q16	21.84	21.91	21.92	22.50
	25	LOW	Q16	21.87	21.87	21.84	22.50
5	1	LOW	64QAM	22.12	22.31	21.91	22.50
		MID	64QAM	22.06	22.40	21.90	22.50
		HIGH	64QAM	22.20	22.45	21.93	22.50
	12	LOW	64QAM	21.03	20.86	21.07	21.50
		MID	64QAM	20.94	20.85	20.88	21.50
		HIGH	64QAM	20.99	20.96	20.85	21.50
	25	LOW	64QAM	20.87	20.93	20.84	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.50
		MID	QPSK	23.88	23.82	23.71	24.50
		HIGH	QPSK	23.86	23.83	23.75	24.50
	25	LOW	QPSK	22.91	22.84	22.70	23.50
		MID	QPSK	22.83	22.78	22.73	23.50
		HIGH	QPSK	22.83	22.88	22.71	23.50
50	LOW	QPSK	22.86	22.86	22.78	23.50	
10	1	LOW	Q16	22.70	23.16	22.67	23.50
		MID	Q16	22.76	23.20	22.72	23.50
		HIGH	Q16	22.73	23.22	22.78	23.50
	25	LOW	Q16	21.92	21.86	21.78	22.50
		MID	Q16	21.83	21.87	21.81	22.50
		HIGH	Q16	21.86	21.94	21.81	22.50
50	LOW	Q16	21.84	21.88	21.76	22.50	
10	1	LOW	64QAM	21.75	22.07	21.76	22.50
		MID	64QAM	21.86	22.25	21.83	22.50
		HIGH	64QAM	21.81	22.11	21.87	22.50
	25	LOW	64QAM	20.77	20.75	20.64	21.50
		MID	64QAM	20.95	20.74	20.75	21.50
		HIGH	64QAM	20.86	21.09	20.70	21.50
	50	LOW	64QAM	20.85	21.03	20.85	21.50

LTE B5-Level4_OFF -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.50
		MID	QPSK	23.70	23.73	23.78	24.50
		HIGH	QPSK	23.72	23.75	23.76	24.50
	3	LOW	QPSK	23.84	23.78	23.85	24.50
		MID	QPSK	23.83	23.79	23.85	24.50
		HIGH	QPSK	23.81	23.74	23.84	24.50
1.4	1	LOW	QPSK	22.81	22.84	22.86	23.50
		MID	QPSK	22.81	22.84	22.86	23.50
		HIGH	QPSK	22.81	22.84	22.86	23.50
	3	LOW	QPSK	22.85	23.00	22.99	23.50
		MID	QPSK	22.84	22.93	23.00	23.50
		HIGH	QPSK	22.82	22.95	22.99	23.50
1.4	1	LOW	QPSK	21.93	21.68	22.00	22.50
		MID	QPSK	21.93	21.68	22.00	22.50
		HIGH	QPSK	21.93	21.68	22.00	22.50
	3	LOW	QPSK	21.93	21.68	22.00	22.50
		MID	QPSK	21.93	21.68	22.00	22.50
		HIGH	QPSK	21.93	21.68	22.00	22.50
1.4	1	LOW	QPSK	21.92	22.17	21.87	22.50
		MID	QPSK	22.02	22.07	21.79	22.50
		HIGH	QPSK	21.84	22.21	22.05	22.50
	3	LOW	QPSK	21.75	22.10	22.12	22.50
		MID	QPSK	21.88	22.07	22.01	22.50
		HIGH	QPSK	21.72	21.92	21.95	22.50
1.4	1	LOW	QPSK	21.05	20.71	21.13	21.50
		MID	QPSK	21.05	20.71	21.13	21.50
		HIGH	QPSK	21.05	20.71	21.13	21.50
	3	LOW	QPSK	21.05	20.71	21.13	21.50
		MID	QPSK	21.05	20.71	21.13	21.50
		HIGH	QPSK	21.05	20.71	21.13	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.50
		MID	QPSK	23.81	23.81	23.82	24.50
		HIGH	QPSK	23.88	23.77	23.81	24.50
	8	LOW	QPSK	22.79	22.78	22.88	23.50
		MID	QPSK	22.79	22.81	22.88	23.50
		HIGH	QPSK	22.80	22.84	22.86	23.50
3	1	LOW	QPSK	22.81	22.83	22.87	23.50
		MID	QPSK	22.81	22.83	22.87	23.50
		HIGH	QPSK	22.81	22.83	22.87	23.50
	8	LOW	QPSK	22.72	23.19	22.90	23.50
		MID	QPSK	22.75	23.21	22.89	23.50
		HIGH	QPSK	22.75	23.23	22.89	23.50
3	1	LOW	QPSK	21.92	21.88	21.92	22.50
		MID	QPSK	21.94	21.92	21.92	22.50
		HIGH	QPSK	21.90	21.90	21.91	22.50
	8	LOW	QPSK	21.82	21.88	21.83	22.50
		MID	QPSK	21.82	21.88	21.83	22.50
		HIGH	QPSK	21.82	21.88	21.83	22.50
3	1	LOW	QPSK	21.75	22.20	21.79	22.50
		MID	QPSK	21.61	22.31	21.84	22.50
		HIGH	QPSK	21.90	22.08	21.93	22.50
	8	LOW	QPSK	20.96	20.97	21.01	22.50
		MID	QPSK	21.00	20.88	20.86	22.50
		HIGH	QPSK	20.86	20.91	20.90	22.50
3	1	LOW	QPSK	20.71	20.76	20.86	21.50
		MID	QPSK	20.71	20.76	20.86	21.50
		HIGH	QPSK	20.71	20.76	20.86	21.50
	8	LOW	QPSK	20.71	20.76	20.86	21.50
		MID	QPSK	20.71	20.76	20.86	21.50
		HIGH	QPSK	20.71	20.76	20.86	21.50

LTE B5-Level4_OFF -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.50
		MID	QPSK	24.01	23.86	23.89	24.50
		HIGH	QPSK	24.06	23.87	23.89	24.50
	12	LOW	QPSK	22.83	22.84	22.98	23.50
		MID	QPSK	22.83	22.81	22.88	23.50
		HIGH	QPSK	22.76	22.82	22.88	23.50
	25	LOW	QPSK	22.83	22.81	22.87	23.50
5	1	LOW	Q16	23.07	23.40	22.89	23.50
		MID	Q16	23.13	23.40	22.87	23.50
		HIGH	Q16	23.19	23.38	22.92	23.50
	12	LOW	Q16	21.89	21.94	22.02	22.50
		MID	Q16	21.86	21.95	21.90	22.50
		HIGH	Q16	21.84	21.91	21.92	22.50
	25	LOW	Q16	21.87	21.87	21.84	22.50
5	1	LOW	64QAM	22.12	22.31	21.91	22.50
		MID	64QAM	22.06	22.40	21.90	22.50
		HIGH	64QAM	22.20	22.45	21.93	22.50
	12	LOW	64QAM	21.03	20.86	21.07	21.50
		MID	64QAM	20.94	20.85	20.88	21.50
		HIGH	64QAM	20.99	20.96	20.85	21.50
	25	LOW	64QAM	20.87	20.93	20.84	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.50
		MID	QPSK	23.88	23.82	23.71	24.50
		HIGH	QPSK	23.86	23.83	23.75	24.50
	25	LOW	QPSK	22.91	22.84	22.70	23.50
		MID	QPSK	22.83	22.78	22.73	23.50
		HIGH	QPSK	22.83	22.88	22.71	23.50
50	LOW	QPSK	22.86	22.86	22.78	23.50	
10	1	LOW	Q16	22.70	23.16	22.67	23.50
		MID	Q16	22.76	23.20	22.72	23.50
		HIGH	Q16	22.73	23.22	22.78	23.50
	25	LOW	Q16	21.92	21.86	21.78	22.50
		MID	Q16	21.83	21.87	21.81	22.50
		HIGH	Q16	21.86	21.94	21.81	22.50
50	LOW	Q16	21.84	21.88	21.76	22.50	
10	1	LOW	64QAM	21.75	22.07	21.76	22.50
		MID	64QAM	21.86	22.25	21.83	22.50
		HIGH	64QAM	21.81	22.11	21.87	22.50
	25	LOW	64QAM	20.77	20.75	20.64	21.50
		MID	64QAM	20.95	20.74	20.75	21.50
		HIGH	64QAM	20.86	21.09	20.70	21.50
	50	LOW	64QAM	20.85	21.03	20.85	21.50

LTE B5-Level4_ON1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.50
		MID	QPSK	23.70	23.73	23.78	24.50
		HIGH	QPSK	23.72	23.75	23.76	24.50
	3	LOW	QPSK	23.84	23.78	23.85	24.50
		MID	QPSK	23.83	23.79	23.85	24.50
		HIGH	QPSK	23.81	23.74	23.84	24.50
1.4	1	LOW	QPSK	22.81	22.84	22.86	23.50
		MID	QPSK	22.81	22.84	22.86	23.50
		HIGH	QPSK	22.81	22.84	22.86	23.50
	3	LOW	QPSK	22.81	22.84	22.86	23.50
		MID	QPSK	22.81	22.84	22.86	23.50
		HIGH	QPSK	22.81	22.84	22.86	23.50
1.4	1	LOW	Q16	22.93	23.20	22.89	23.50
		MID	Q16	22.93	23.17	22.89	23.50
		HIGH	Q16	22.91	23.22	22.91	23.50
	3	LOW	Q16	22.85	23.00	22.99	23.50
		MID	Q16	22.84	22.93	23.00	23.50
		HIGH	Q16	22.82	22.95	22.99	23.50
1.4	1	LOW	Q16	21.93	21.68	22.00	22.50
		MID	Q16	21.93	21.68	22.00	22.50
		HIGH	Q16	21.93	21.68	22.00	22.50
	3	LOW	Q16	21.93	21.68	22.00	22.50
		MID	Q16	21.93	21.68	22.00	22.50
		HIGH	Q16	21.93	21.68	22.00	22.50
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.50
		MID	64QAM	22.02	22.07	21.79	22.50
		HIGH	64QAM	21.84	22.21	22.05	22.50
	3	LOW	64QAM	21.75	22.10	22.12	22.50
		MID	64QAM	21.88	22.07	22.01	22.50
		HIGH	64QAM	21.72	21.92	21.95	22.50
1.4	1	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
	3	LOW	64QAM	21.05	20.71	21.13	21.50
		MID	64QAM	21.05	20.71	21.13	21.50
		HIGH	64QAM	21.05	20.71	21.13	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.50
		MID	QPSK	23.81	23.81	23.82	24.50
		HIGH	QPSK	23.88	23.77	23.81	24.50
	8	LOW	QPSK	22.79	22.78	22.88	23.50
		MID	QPSK	22.79	22.81	22.88	23.50
		HIGH	QPSK	22.80	22.84	22.86	23.50
3	1	LOW	QPSK	22.81	22.83	22.87	23.50
		MID	QPSK	22.81	22.83	22.87	23.50
		HIGH	QPSK	22.81	22.83	22.87	23.50
	8	LOW	QPSK	22.81	22.83	22.87	23.50
		MID	QPSK	22.81	22.83	22.87	23.50
		HIGH	QPSK	22.81	22.83	22.87	23.50
3	1	LOW	Q16	22.72	23.19	22.90	23.50
		MID	Q16	22.75	23.21	22.89	23.50
		HIGH	Q16	22.75	23.23	22.89	23.50
	8	LOW	Q16	21.92	21.88	21.92	22.50
		MID	Q16	21.94	21.92	21.92	22.50
		HIGH	Q16	21.90	21.90	21.91	22.50
3	1	LOW	Q16	21.82	21.88	21.83	22.50
		MID	Q16	21.82	21.88	21.83	22.50
		HIGH	Q16	21.82	21.88	21.83	22.50
	8	LOW	Q16	21.82	21.88	21.83	22.50
		MID	Q16	21.82	21.88	21.83	22.50
		HIGH	Q16	21.82	21.88	21.83	22.50
3	1	LOW	64QAM	21.75	22.20	21.79	22.50
		MID	64QAM	21.61	22.31	21.84	22.50
		HIGH	64QAM	21.90	22.08	21.93	22.50
	8	LOW	64QAM	20.96	20.97	21.01	22.50
		MID	64QAM	21.00	20.88	20.86	22.50
		HIGH	64QAM	20.86	20.91	20.90	22.50
3	1	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50
	8	LOW	64QAM	20.71	20.76	20.86	21.50
		MID	64QAM	20.71	20.76	20.86	21.50
		HIGH	64QAM	20.71	20.76	20.86	21.50

LTE B5-Level4_ON1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.50
		MID	QPSK	24.01	23.86	23.89	24.50
		HIGH	QPSK	24.06	23.87	23.89	24.50
	12	LOW	QPSK	22.83	22.84	22.98	23.50
		MID	QPSK	22.83	22.81	22.88	23.50
		HIGH	QPSK	22.76	22.82	22.88	23.50
	25	LOW	QPSK	22.83	22.81	22.87	23.50
5	1	LOW	Q16	23.07	23.40	22.89	23.50
		MID	Q16	23.13	23.40	22.87	23.50
		HIGH	Q16	23.19	23.38	22.92	23.50
	12	LOW	Q16	21.89	21.94	22.02	22.50
		MID	Q16	21.86	21.95	21.90	22.50
		HIGH	Q16	21.84	21.91	21.92	22.50
	25	LOW	Q16	21.87	21.87	21.84	22.50
5	1	LOW	64QAM	22.12	22.31	21.91	22.50
		MID	64QAM	22.06	22.40	21.90	22.50
		HIGH	64QAM	22.20	22.45	21.93	22.50
	12	LOW	64QAM	21.03	20.86	21.07	21.50
		MID	64QAM	20.94	20.85	20.88	21.50
		HIGH	64QAM	20.99	20.96	20.85	21.50
	25	LOW	64QAM	20.87	20.93	20.84	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.50
		MID	QPSK	23.88	23.82	23.71	24.50
		HIGH	QPSK	23.86	23.83	23.75	24.50
	25	LOW	QPSK	22.91	22.84	22.70	23.50
		MID	QPSK	22.83	22.78	22.73	23.50
		HIGH	QPSK	22.83	22.88	22.71	23.50
50	LOW	QPSK	22.86	22.86	22.78	23.50	
10	1	LOW	Q16	22.70	23.16	22.67	23.50
		MID	Q16	22.76	23.20	22.72	23.50
		HIGH	Q16	22.73	23.22	22.78	23.50
	25	LOW	Q16	21.92	21.86	21.78	22.50
		MID	Q16	21.83	21.87	21.81	22.50
		HIGH	Q16	21.86	21.94	21.81	22.50
50	LOW	Q16	21.84	21.88	21.76	22.50	
10	1	LOW	64QAM	21.75	22.07	21.76	22.50
		MID	64QAM	21.86	22.25	21.83	22.50
		HIGH	64QAM	21.81	22.11	21.87	22.50
	25	LOW	64QAM	20.77	20.75	20.64	21.50
		MID	64QAM	20.95	20.74	20.75	21.50
		HIGH	64QAM	20.86	21.09	20.70	21.50
	50	LOW	64QAM	20.85	21.03	20.85	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.50
		MID	QPSK	23.70	23.73	23.78	24.50
		HIGH	QPSK	23.72	23.75	23.76	24.50
	3	LOW	QPSK	23.84	23.78	23.85	24.50
		MID	QPSK	23.83	23.79	23.85	24.50
		HIGH	QPSK	23.81	23.74	23.84	24.50
	6	LOW	QPSK	22.81	22.84	22.86	23.50
1.4	1	LOW	Q16	22.93	23.20	22.89	23.50
		MID	Q16	22.93	23.17	22.89	23.50
		HIGH	Q16	22.91	23.22	22.91	23.50
	3	LOW	Q16	22.85	23.00	22.99	23.50
		MID	Q16	22.84	22.93	23.00	23.50
		HIGH	Q16	22.82	22.95	22.99	23.50
	6	LOW	Q16	21.93	21.68	22.00	22.50
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.50
		MID	64QAM	22.02	22.07	21.79	22.50
		HIGH	64QAM	21.84	22.21	22.05	22.50
	3	LOW	64QAM	21.75	22.10	22.12	22.50
		MID	64QAM	21.88	22.07	22.01	22.50
		HIGH	64QAM	21.72	21.92	21.95	22.50
	6	LOW	64QAM	21.05	20.71	21.13	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.50
		MID	QPSK	23.81	23.81	23.82	24.50
		HIGH	QPSK	23.88	23.77	23.81	24.50
	8	LOW	QPSK	22.79	22.78	22.88	23.50
		MID	QPSK	22.79	22.81	22.88	23.50
		HIGH	QPSK	22.80	22.84	22.86	23.50
15	LOW	QPSK	22.81	22.83	22.87	23.50	
3	1	LOW	Q16	22.72	23.19	22.90	23.50
		MID	Q16	22.75	23.21	22.89	23.50
		HIGH	Q16	22.75	23.23	22.89	23.50
	8	LOW	Q16	21.92	21.88	21.92	22.50
		MID	Q16	21.94	21.92	21.92	22.50
		HIGH	Q16	21.90	21.90	21.91	22.50
15	LOW	Q16	21.82	21.88	21.83	22.50	
3	1	LOW	64QAM	21.75	22.20	21.79	22.50
		MID	64QAM	21.61	22.31	21.84	22.50
		HIGH	64QAM	21.90	22.08	21.93	22.50
	8	LOW	64QAM	20.96	20.97	21.01	22.50
		MID	64QAM	21.00	20.88	20.86	22.50
		HIGH	64QAM	20.86	20.91	20.90	22.50
15	LOW	64QAM	20.71	20.76	20.86	21.50	

LTE B5-Level5&6_OFF -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.50
		MID	QPSK	24.01	23.86	23.89	24.50
		HIGH	QPSK	24.06	23.87	23.89	24.50
	12	LOW	QPSK	22.83	22.84	22.98	23.50
		MID	QPSK	22.83	22.81	22.88	23.50
		HIGH	QPSK	22.76	22.82	22.88	23.50
	25	LOW	QPSK	22.83	22.81	22.87	23.50
5	1	LOW	Q16	23.07	23.40	22.89	23.50
		MID	Q16	23.13	23.40	22.87	23.50
		HIGH	Q16	23.19	23.38	22.92	23.50
	12	LOW	Q16	21.89	21.94	22.02	22.50
		MID	Q16	21.86	21.95	21.90	22.50
		HIGH	Q16	21.84	21.91	21.92	22.50
	25	LOW	Q16	21.87	21.87	21.84	22.50
5	1	LOW	64QAM	22.12	22.31	21.91	22.50
		MID	64QAM	22.06	22.40	21.90	22.50
		HIGH	64QAM	22.20	22.45	21.93	22.50
	12	LOW	64QAM	21.03	20.86	21.07	21.50
		MID	64QAM	20.94	20.85	20.88	21.50
		HIGH	64QAM	20.99	20.96	20.85	21.50
	25	LOW	64QAM	20.87	20.93	20.84	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.50
		MID	QPSK	23.88	23.82	23.71	24.50
		HIGH	QPSK	23.86	23.83	23.75	24.50
	25	LOW	QPSK	22.91	22.84	22.70	23.50
		MID	QPSK	22.83	22.78	22.73	23.50
		HIGH	QPSK	22.83	22.88	22.71	23.50
50	LOW	QPSK	22.86	22.86	22.78	23.50	
10	1	LOW	Q16	22.70	23.16	22.67	23.50
		MID	Q16	22.76	23.20	22.72	23.50
		HIGH	Q16	22.73	23.22	22.78	23.50
	25	LOW	Q16	21.92	21.86	21.78	22.50
		MID	Q16	21.83	21.87	21.81	22.50
		HIGH	Q16	21.86	21.94	21.81	22.50
50	LOW	Q16	21.84	21.88	21.76	22.50	
10	1	LOW	64QAM	21.75	22.07	21.76	22.50
		MID	64QAM	21.86	22.25	21.83	22.50
		HIGH	64QAM	21.81	22.11	21.87	22.50
	25	LOW	64QAM	20.77	20.75	20.64	21.50
		MID	64QAM	20.95	20.74	20.75	21.50
		HIGH	64QAM	20.86	21.09	20.70	21.50
50	LOW	64QAM	20.85	21.03	20.85	21.50	

LTE B5-Level5&6_ON1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.69	23.74	23.76	24.50
		MID	QPSK	23.70	23.73	23.78	24.50
		HIGH	QPSK	23.72	23.75	23.76	24.50
	3	LOW	QPSK	23.84	23.78	23.85	24.50
		MID	QPSK	23.83	23.79	23.85	24.50
		HIGH	QPSK	23.81	23.74	23.84	24.50
	6	LOW	QPSK	22.81	22.84	22.86	23.50
1.4	1	LOW	Q16	22.93	23.20	22.89	23.50
		MID	Q16	22.93	23.17	22.89	23.50
		HIGH	Q16	22.91	23.22	22.91	23.50
	3	LOW	Q16	22.85	23.00	22.99	23.50
		MID	Q16	22.84	22.93	23.00	23.50
		HIGH	Q16	22.82	22.95	22.99	23.50
	6	LOW	Q16	21.93	21.68	22.00	22.50
1.4	1	LOW	64QAM	21.92	22.17	21.87	22.50
		MID	64QAM	22.02	22.07	21.79	22.50
		HIGH	64QAM	21.84	22.21	22.05	22.50
	3	LOW	64QAM	21.75	22.10	22.12	22.50
		MID	64QAM	21.88	22.07	22.01	22.50
		HIGH	64QAM	21.72	21.92	21.95	22.50
	6	LOW	64QAM	21.05	20.71	21.13	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.82	23.75	23.81	24.50
		MID	QPSK	23.81	23.81	23.82	24.50
		HIGH	QPSK	23.88	23.77	23.81	24.50
	8	LOW	QPSK	22.79	22.78	22.88	23.50
		MID	QPSK	22.79	22.81	22.88	23.50
		HIGH	QPSK	22.80	22.84	22.86	23.50
15	LOW	QPSK	22.81	22.83	22.87	23.50	
3	1	LOW	Q16	22.72	23.19	22.90	23.50
		MID	Q16	22.75	23.21	22.89	23.50
		HIGH	Q16	22.75	23.23	22.89	23.50
	8	LOW	Q16	21.92	21.88	21.92	22.50
		MID	Q16	21.94	21.92	21.92	22.50
		HIGH	Q16	21.90	21.90	21.91	22.50
15	LOW	Q16	21.82	21.88	21.83	22.50	
3	1	LOW	64QAM	21.75	22.20	21.79	22.50
		MID	64QAM	21.61	22.31	21.84	22.50
		HIGH	64QAM	21.90	22.08	21.93	22.50
	8	LOW	64QAM	20.96	20.97	21.01	22.50
		MID	64QAM	21.00	20.88	20.86	22.50
		HIGH	64QAM	20.86	20.91	20.90	22.50
15	LOW	64QAM	20.71	20.76	20.86	21.50	

LTE B5-Level5&6_ON1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.97	23.80	23.87	24.50
		MID	QPSK	24.01	23.86	23.89	24.50
		HIGH	QPSK	24.06	23.87	23.89	24.50
	12	LOW	QPSK	22.83	22.84	22.98	23.50
		MID	QPSK	22.83	22.81	22.88	23.50
		HIGH	QPSK	22.76	22.82	22.88	23.50
	25	LOW	QPSK	22.83	22.81	22.87	23.50
5	1	LOW	Q16	23.07	23.40	22.89	23.50
		MID	Q16	23.13	23.40	22.87	23.50
		HIGH	Q16	23.19	23.38	22.92	23.50
	12	LOW	Q16	21.89	21.94	22.02	22.50
		MID	Q16	21.86	21.95	21.90	22.50
		HIGH	Q16	21.84	21.91	21.92	22.50
	25	LOW	Q16	21.87	21.87	21.84	22.50
5	1	LOW	64QAM	22.12	22.31	21.91	22.50
		MID	64QAM	22.06	22.40	21.90	22.50
		HIGH	64QAM	22.20	22.45	21.93	22.50
	12	LOW	64QAM	21.03	20.86	21.07	21.50
		MID	64QAM	20.94	20.85	20.88	21.50
		HIGH	64QAM	20.99	20.96	20.85	21.50
	25	LOW	64QAM	20.87	20.93	20.84	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.78	23.77	23.65	24.50
		MID	QPSK	23.88	23.82	23.71	24.50
		HIGH	QPSK	23.86	23.83	23.75	24.50
	25	LOW	QPSK	22.91	22.84	22.70	23.50
		MID	QPSK	22.83	22.78	22.73	23.50
		HIGH	QPSK	22.83	22.88	22.71	23.50
50	LOW	QPSK	22.86	22.86	22.78	23.50	
10	1	LOW	Q16	22.70	23.16	22.67	23.50
		MID	Q16	22.76	23.20	22.72	23.50
		HIGH	Q16	22.73	23.22	22.78	23.50
	25	LOW	Q16	21.92	21.86	21.78	22.50
		MID	Q16	21.83	21.87	21.81	22.50
		HIGH	Q16	21.86	21.94	21.81	22.50
50	LOW	Q16	21.84	21.88	21.76	22.50	
10	1	LOW	64QAM	21.75	22.07	21.76	22.50
		MID	64QAM	21.86	22.25	21.83	22.50
		HIGH	64QAM	21.81	22.11	21.87	22.50
	25	LOW	64QAM	20.77	20.75	20.64	21.50
		MID	64QAM	20.95	20.74	20.75	21.50
		HIGH	64QAM	20.86	21.09	20.70	21.50
	50	LOW	64QAM	20.85	21.03	20.85	21.50

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	23.56	23.57	23.59	24.20
		MID	QPSK	23.55	23.56	23.61	24.20
		HIGH	QPSK	23.57	23.58	23.64	24.20
	3	LOW	QPSK	23.68	23.64	23.68	24.20
		MID	QPSK	23.67	23.62	23.70	24.20
		HIGH	QPSK	23.65	23.62	23.70	24.20
1.4	1	LOW	QPSK	22.65	22.70	22.69	23.20
		MID	QPSK	22.65	22.70	22.69	23.20
		HIGH	QPSK	22.65	22.70	22.69	23.20
	3	LOW	QPSK	22.68	22.64	22.68	23.20
		MID	QPSK	22.67	22.62	22.65	23.20
		HIGH	QPSK	22.65	22.62	22.65	23.20
1.4	1	LOW	Q16	22.75	23.05	22.75	23.20
		MID	Q16	22.78	23.00	22.73	23.20
		HIGH	Q16	22.78	23.03	22.74	23.20
	3	LOW	Q16	22.70	22.84	22.82	23.20
		MID	Q16	22.70	22.80	22.84	23.20
		HIGH	Q16	22.71	22.82	22.81	23.20
1.4	1	LOW	Q16	21.77	21.56	21.84	22.20
		MID	Q16	21.77	21.56	21.84	22.20
		HIGH	Q16	21.77	21.56	21.84	22.20
	3	LOW	Q16	21.77	21.56	21.84	22.20
		MID	Q16	21.77	21.56	21.84	22.20
		HIGH	Q16	21.77	21.56	21.84	22.20
1.4	1	LOW	64QAM	21.75	21.97	21.61	22.20
		MID	64QAM	21.77	21.97	21.59	22.20
		HIGH	64QAM	21.72	21.93	21.74	22.20
	3	LOW	64QAM	21.55	21.89	21.87	22.20
		MID	64QAM	21.79	21.94	21.79	22.20
		HIGH	64QAM	21.63	21.84	21.67	22.20
1.4	1	LOW	64QAM	20.89	20.69	20.87	21.20
		MID	64QAM	20.89	20.69	20.87	21.20
		HIGH	64QAM	20.89	20.69	20.87	21.20
	3	LOW	64QAM	20.89	20.69	20.87	21.20
		MID	64QAM	20.89	20.69	20.87	21.20
		HIGH	64QAM	20.89	20.69	20.87	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.20
		MID	QPSK	23.66	23.58	23.63	24.20
		HIGH	QPSK	23.73	23.59	23.66	24.20
	8	LOW	QPSK	22.60	22.63	22.68	23.20
		MID	QPSK	22.70	22.64	22.70	23.20
		HIGH	QPSK	22.67	22.67	22.68	23.20
3	1	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
	8	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
3	1	LOW	Q16	22.59	23.02	22.74	23.20
		MID	Q16	22.60	23.05	22.69	23.20
		HIGH	Q16	22.62	23.06	22.72	23.20
	8	LOW	Q16	21.77	21.72	21.73	22.20
		MID	Q16	21.78	21.76	21.74	22.20
		HIGH	Q16	21.76	21.75	21.73	22.20
3	1	LOW	Q16	21.71	21.71	21.68	22.20
		MID	Q16	21.71	21.71	21.68	22.20
		HIGH	Q16	21.71	21.71	21.68	22.20
	8	LOW	Q16	21.71	21.71	21.68	22.20
		MID	Q16	21.71	21.71	21.68	22.20
		HIGH	Q16	21.71	21.71	21.68	22.20
3	1	LOW	64QAM	21.73	22.17	21.85	22.20
		MID	64QAM	21.71	22.20	21.60	22.20
		HIGH	64QAM	21.77	22.14	21.85	22.20
	8	LOW	64QAM	20.83	20.84	20.58	22.20
		MID	64QAM	20.85	20.88	20.80	22.20
		HIGH	64QAM	20.61	20.88	20.73	22.20
3	1	LOW	64QAM	20.65	20.69	20.70	21.20
		MID	64QAM	20.65	20.69	20.70	21.20
		HIGH	64QAM	20.65	20.69	20.70	21.20
	8	LOW	64QAM	20.65	20.69	20.70	21.20
		MID	64QAM	20.65	20.69	20.70	21.20
		HIGH	64QAM	20.65	20.69	20.70	21.20

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.49	23.58	24.20
		MID	QPSK	23.80	23.60	23.42	24.20
		HIGH	QPSK	23.69	23.73	23.64	24.20
	12	LOW	QPSK	22.73	22.73	22.62	23.20
		MID	QPSK	22.59	22.63	22.52	23.20
		HIGH	QPSK	22.77	22.67	22.49	23.20
	25	LOW	QPSK	22.83	22.78	22.60	23.20
5	1	LOW	Q16	22.63	22.91	22.35	23.20
		MID	Q16	22.70	23.07	22.46	23.20
		HIGH	Q16	22.59	23.06	22.66	23.20
	12	LOW	Q16	21.74	21.79	21.58	22.20
		MID	Q16	21.76	21.77	21.77	22.20
		HIGH	Q16	21.71	21.83	21.73	22.20
	25	LOW	Q16	21.56	21.61	21.50	22.20
5	1	LOW	64QAM	21.60	21.98	21.37	22.20
		MID	64QAM	21.55	22.00	21.54	22.20
		HIGH	64QAM	21.47	21.89	21.66	22.20
	12	LOW	64QAM	20.68	20.75	20.55	21.20
		MID	64QAM	20.59	20.73	20.50	21.20
		HIGH	64QAM	20.72	20.69	20.72	21.20
	25	LOW	64QAM	20.55	20.58	20.63	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.20
		MID	QPSK	23.76	23.65	23.54	24.20
		HIGH	QPSK	23.68	23.67	23.59	24.20
	25	LOW	QPSK	22.72	22.68	22.51	23.20
		MID	QPSK	22.68	22.65	22.57	23.20
		HIGH	QPSK	22.71	22.72	22.57	23.20
50	LOW	QPSK	22.70	22.70	22.59	23.20	
10	1	LOW	Q16	22.55	23.01	22.50	23.20
		MID	Q16	22.61	23.04	22.56	23.20
		HIGH	Q16	22.56	23.03	22.60	23.20
	25	LOW	Q16	21.74	21.73	21.63	22.20
		MID	Q16	21.67	21.70	21.65	22.20
		HIGH	Q16	21.73	21.76	21.66	22.20
50	LOW	Q16	21.68	21.70	21.60	22.20	
10	1	LOW	64QAM	21.70	21.86	21.63	22.20
		MID	64QAM	21.58	22.06	21.70	22.20
		HIGH	64QAM	21.71	22.04	21.46	22.20
	25	LOW	64QAM	20.77	20.80	20.57	21.20
		MID	64QAM	20.81	20.72	20.76	21.20
		HIGH	64QAM	20.88	20.75	20.80	21.20
	50	LOW	64QAM	20.82	20.80	20.56	21.20

LTE B5-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.03	20.30	20.19	20.70
		MID	QPSK	20.09	20.31	20.15	20.70
		HIGH	QPSK	20.07	20.37	20.18	20.70
	3	LOW	QPSK	20.29	20.17	20.41	20.70
		MID	QPSK	20.02	20.27	20.38	20.70
		HIGH	QPSK	20.11	20.14	20.24	20.70
6	LOW	QPSK	20.14	20.15	20.17	20.70	
1.4	1	LOW	Q16	20.26	20.05	20.27	20.70
		MID	Q16	19.99	20.12	20.34	20.70
		HIGH	Q16	20.08	20.15	20.00	20.70
	3	LOW	Q16	20.21	20.33	20.24	20.70
		MID	Q16	20.33	20.50	20.26	20.70
		HIGH	Q16	20.15	20.18	20.40	20.70
6	LOW	Q16	20.27	20.35	20.41	20.70	
1.4	1	LOW	64QAM	20.03	20.23	20.14	20.70
		MID	64QAM	20.12	20.10	20.32	20.70
		HIGH	64QAM	19.97	20.01	20.00	20.70
	3	LOW	64QAM	20.26	20.26	20.13	20.70
		MID	64QAM	20.11	20.32	20.15	20.70
		HIGH	64QAM	20.31	20.20	20.26	20.70
6	LOW	64QAM	20.38	20.31	20.42	20.70	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	20.14	20.16	20.11	20.70
		MID	QPSK	20.26	20.47	20.10	20.70
		HIGH	QPSK	20.09	20.18	20.13	20.70
	8	LOW	QPSK	20.36	20.29	20.26	20.70
		MID	QPSK	20.08	20.40	20.42	20.70
		HIGH	QPSK	20.25	20.14	20.25	20.70
15	LOW	QPSK	20.03	19.98	20.12	20.70	
3	1	LOW	Q16	20.31	20.16	20.26	20.70
		MID	Q16	19.95	20.28	20.31	20.70
		HIGH	Q16	20.02	20.16	20.06	20.70
	8	LOW	Q16	20.06	20.28	20.13	20.70
		MID	Q16	20.04	20.51	20.19	20.70
		HIGH	Q16	20.10	20.16	20.47	20.70
15	LOW	Q16	20.15	20.34	20.15	20.70	
3	1	LOW	64QAM	20.11	20.13	20.09	20.70
		MID	64QAM	19.97	20.23	20.27	20.70
		HIGH	64QAM	19.87	20.25	20.09	20.70
	8	LOW	64QAM	20.13	20.39	20.20	20.70
		MID	64QAM	20.16	20.26	20.16	20.70
		HIGH	64QAM	20.20	20.23	20.30	20.70
15	LOW	64QAM	20.32	20.32	20.35	20.70	

LTE B5-Level 1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	20.11	20.34	20.21	20.70
		MID	QPSK	20.36	20.35	20.10	20.70
		HIGH	QPSK	20.30	20.16	20.18	20.70
	12	LOW	QPSK	20.10	20.41	20.50	20.70
		MID	QPSK	20.16	20.36	20.25	20.70
		HIGH	QPSK	20.03	20.39	20.10	20.70
	25	LOW	QPSK	20.12	20.00	20.11	20.70
5	1	LOW	Q16	20.14	20.20	20.08	20.70
		MID	Q16	20.01	20.32	20.17	20.70
		HIGH	Q16	19.82	20.03	20.12	20.70
	12	LOW	Q16	20.07	20.33	20.12	20.70
		MID	Q16	20.23	20.51	20.19	20.70
		HIGH	Q16	20.07	20.19	20.39	20.70
	25	LOW	Q16	20.16	20.18	20.28	20.70
5	1	LOW	64QAM	20.22	20.27	20.16	20.70
		MID	64QAM	19.92	20.38	20.22	20.70
		HIGH	64QAM	19.85	20.01	20.24	20.70
	12	LOW	64QAM	20.24	20.27	20.07	20.70
		MID	64QAM	20.08	20.44	20.26	20.70
		HIGH	64QAM	20.05	20.31	20.50	20.70
	25	LOW	64QAM	20.40	20.27	20.26	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
10	1	LOW	QPSK	20.11	20.26	20.26	20.70
		MID	QPSK	20.24	20.37	20.11	20.70
		HIGH	QPSK	20.21	20.22	20.22	20.70
	25	LOW	QPSK	20.21	20.29	20.37	20.70
		MID	QPSK	20.02	20.38	20.31	20.70
		HIGH	QPSK	20.17	20.28	20.13	20.70
	50	LOW	QPSK	20.03	20.13	20.20	20.70
10	1	LOW	Q16	20.18	20.14	20.21	20.70
		MID	Q16	20.06	20.25	20.22	20.70
		HIGH	Q16	19.97	20.15	20.15	20.70
	25	LOW	Q16	20.16	20.28	20.13	20.70
		MID	Q16	20.18	20.41	20.21	20.70
		HIGH	Q16	20.20	20.29	20.37	20.70
	50	LOW	Q16	20.26	20.24	20.29	20.70
10	1	LOW	64QAM	20.21	20.32	20.24	20.70
		MID	64QAM	20.21	20.21	20.33	20.70
		HIGH	64QAM	20.13	20.35	20.34	20.70
	25	LOW	64QAM	20.13	20.31	20.29	20.70
		MID	64QAM	20.19	20.32	20.24	20.70
		HIGH	64QAM	20.07	20.32	20.13	20.70
	50	LOW	64QAM	20.10	20.27	20.38	20.70

LTE B5-Level 2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.29	19.14	19.40	19.70
		MID	QPSK	19.42	19.43	19.48	19.70
		HIGH	QPSK	19.05	19.36	19.46	19.70
	3	LOW	QPSK	19.48	19.22	19.19	19.70
		MID	QPSK	19.35	19.43	19.05	19.70
		HIGH	QPSK	18.98	19.38	19.39	19.70
	6	LOW	QPSK	19.35	19.27	19.17	19.70
1.4	1	LOW	Q16	19.21	19.38	19.32	19.70
		MID	Q16	19.49	19.22	19.17	19.70
		HIGH	Q16	19.33	19.09	19.19	19.70
	3	LOW	Q16	19.25	19.33	19.19	19.70
		MID	Q16	19.20	19.16	19.45	19.70
		HIGH	Q16	19.20	19.06	19.28	19.70
	6	LOW	Q16	19.20	19.36	19.19	19.70
1.4	1	LOW	64QAM	19.07	19.26	19.30	19.70
		MID	64QAM	19.27	19.15	19.25	19.70
		HIGH	64QAM	19.34	19.07	19.33	19.70
	3	LOW	64QAM	19.11	19.15	19.21	19.70
		MID	64QAM	19.28	19.17	19.17	19.70
		HIGH	64QAM	19.43	19.11	19.17	19.70
	6	LOW	64QAM	19.35	19.38	19.23	19.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.38	19.39	19.31	19.70
		MID	QPSK	19.18	19.44	19.48	19.70
		HIGH	QPSK	19.27	19.22	19.20	19.70
	8	LOW	QPSK	19.52	19.38	19.12	19.70
		MID	QPSK	19.39	19.31	19.04	19.70
		HIGH	QPSK	19.07	19.25	19.28	19.70
15	LOW	QPSK	19.42	19.16	19.16	19.70	
3	1	LOW	Q16	19.06	19.15	19.10	19.70
		MID	Q16	19.26	19.34	19.25	19.70
		HIGH	Q16	19.36	19.25	19.38	19.70
	8	LOW	Q16	19.18	19.44	19.02	19.70
		MID	Q16	19.10	19.28	19.26	19.70
		HIGH	Q16	19.32	19.11	19.27	19.70
15	LOW	Q16	19.31	19.27	19.25	19.70	
3	1	LOW	64QAM	19.21	19.18	19.17	19.70
		MID	64QAM	19.20	19.25	19.32	19.70
		HIGH	64QAM	19.35	19.30	19.21	19.70
	8	LOW	64QAM	19.23	19.38	19.12	19.70
		MID	64QAM	19.10	19.16	19.17	19.70
		HIGH	64QAM	19.38	19.16	19.04	19.70
15	LOW	64QAM	19.33	19.47	19.29	19.70	

LTE B5-Level 2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.19	19.28	19.11	19.70
		MID	QPSK	19.40	19.27	19.42	19.70
		HIGH	QPSK	19.12	19.29	19.39	19.70
	12	LOW	QPSK	19.35	19.35	19.17	19.70
		MID	QPSK	19.42	19.24	19.25	19.70
		HIGH	QPSK	19.01	19.36	19.13	19.70
	25	LOW	QPSK	19.43	19.01	19.26	19.70
5	1	LOW	Q16	19.06	19.24	19.34	19.70
		MID	Q16	19.35	19.15	19.12	19.70
		HIGH	Q16	19.35	19.22	19.27	19.70
	12	LOW	Q16	19.26	19.39	19.22	19.70
		MID	Q16	19.29	19.18	19.20	19.70
		HIGH	Q16	19.24	19.06	19.01	19.70
	25	LOW	Q16	19.05	19.28	19.24	19.70
5	1	LOW	64QAM	19.06	19.28	19.23	19.70
		MID	64QAM	19.27	19.31	19.36	19.70
		HIGH	64QAM	19.16	19.17	19.20	19.70
	12	LOW	64QAM	19.16	19.31	19.05	19.70
		MID	64QAM	19.26	19.33	19.20	19.70
		HIGH	64QAM	19.32	19.14	19.17	19.70
	25	LOW	64QAM	19.22	19.22	19.26	19.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	19.26	19.26	19.25	19.70
		MID	QPSK	19.31	19.35	19.34	19.70
		HIGH	QPSK	19.14	19.32	19.33	19.70
	25	LOW	QPSK	19.37	19.27	19.10	19.70
		MID	QPSK	19.37	19.38	19.12	19.70
		HIGH	QPSK	19.12	19.35	19.28	19.70
	50	LOW	QPSK	19.40	19.13	19.20	19.70
10	1	LOW	Q16	19.17	19.26	19.25	19.70
		MID	Q16	19.35	19.19	19.25	19.70
		HIGH	Q16	19.30	19.18	19.29	19.70
	25	LOW	Q16	19.16	19.29	19.17	19.70
		MID	Q16	19.19	19.25	19.32	19.70
		HIGH	Q16	19.30	19.13	19.14	19.70
	50	LOW	Q16	19.20	19.35	19.30	19.70
10	1	LOW	64QAM	19.24	19.30	19.17	19.70
		MID	64QAM	19.47	19.17	19.19	19.70
		HIGH	64QAM	19.41	19.22	19.41	19.70
	25	LOW	64QAM	19.27	19.21	19.04	19.70
		MID	64QAM	19.22	19.34	19.17	19.70
		HIGH	64QAM	19.40	19.16	19.18	19.70
	50	LOW	64QAM	19.05	19.44	19.19	19.70

LTE B5-Level4_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.20
		MID	QPSK	23.55	23.56	23.61	24.20
		HIGH	QPSK	23.57	23.58	23.64	24.20
	3	LOW	QPSK	23.68	23.64	23.68	24.20
		MID	QPSK	23.67	23.62	23.70	24.20
		HIGH	QPSK	23.65	23.62	23.70	24.20
1.4	1	LOW	QPSK	22.65	22.70	22.69	23.20
		MID	QPSK	22.65	22.70	22.69	23.20
		HIGH	QPSK	22.65	22.70	22.69	23.20
	3	LOW	QPSK	22.68	22.73	22.73	23.20
		MID	QPSK	22.67	22.72	22.72	23.20
		HIGH	QPSK	22.67	22.72	22.72	23.20
1.4	1	LOW	QPSK	21.77	21.77	21.77	22.20
		MID	QPSK	21.77	21.77	21.77	22.20
		HIGH	QPSK	21.77	21.77	21.77	22.20
	3	LOW	QPSK	21.77	21.77	21.77	22.20
		MID	QPSK	21.77	21.77	21.77	22.20
		HIGH	QPSK	21.77	21.77	21.77	22.20
1.4	1	LOW	QPSK	20.89	20.89	20.89	21.20
		MID	QPSK	20.89	20.89	20.89	21.20
		HIGH	QPSK	20.89	20.89	20.89	21.20
	3	LOW	QPSK	20.89	20.89	20.89	21.20
		MID	QPSK	20.89	20.89	20.89	21.20
		HIGH	QPSK	20.89	20.89	20.89	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.20
		MID	QPSK	23.66	23.58	23.63	24.20
		HIGH	QPSK	23.73	23.59	23.66	24.20
	8	LOW	QPSK	22.60	22.63	22.68	23.20
		MID	QPSK	22.70	22.64	22.70	23.20
		HIGH	QPSK	22.67	22.67	22.68	23.20
3	1	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
	8	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
3	1	LOW	QPSK	21.71	21.71	21.71	22.20
		MID	QPSK	21.71	21.71	21.71	22.20
		HIGH	QPSK	21.71	21.71	21.71	22.20
	8	LOW	QPSK	21.71	21.71	21.71	22.20
		MID	QPSK	21.71	21.71	21.71	22.20
		HIGH	QPSK	21.71	21.71	21.71	22.20
3	1	LOW	QPSK	20.65	20.65	20.65	21.20
		MID	QPSK	20.65	20.65	20.65	21.20
		HIGH	QPSK	20.65	20.65	20.65	21.20
	8	LOW	QPSK	20.65	20.65	20.65	21.20
		MID	QPSK	20.65	20.65	20.65	21.20
		HIGH	QPSK	20.65	20.65	20.65	21.20

LTE B5-Level4_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.49	23.58	24.20
		MID	QPSK	23.80	23.60	23.42	24.20
		HIGH	QPSK	23.69	23.73	23.64	24.20
	12	LOW	QPSK	22.73	22.73	22.62	23.20
		MID	QPSK	22.59	22.63	22.52	23.20
		HIGH	QPSK	22.77	22.67	22.49	23.20
	25	LOW	QPSK	22.83	22.78	22.60	23.20
5	1	LOW	Q16	22.63	22.91	22.35	23.20
		MID	Q16	22.70	23.07	22.46	23.20
		HIGH	Q16	22.59	23.06	22.66	23.20
	12	LOW	Q16	21.74	21.79	21.58	22.20
		MID	Q16	21.76	21.77	21.77	22.20
		HIGH	Q16	21.71	21.83	21.73	22.20
	25	LOW	Q16	21.56	21.61	21.50	22.20
5	1	LOW	64QAM	21.60	21.98	21.37	22.20
		MID	64QAM	21.55	22.00	21.54	22.20
		HIGH	64QAM	21.47	21.89	21.66	22.20
	12	LOW	64QAM	20.68	20.75	20.55	21.20
		MID	64QAM	20.59	20.73	20.50	21.20
		HIGH	64QAM	20.72	20.69	20.72	21.20
	25	LOW	64QAM	20.55	20.58	20.63	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.20
		MID	QPSK	23.76	23.65	23.54	24.20
		HIGH	QPSK	23.68	23.67	23.59	24.20
	25	LOW	QPSK	22.72	22.68	22.51	23.20
		MID	QPSK	22.68	22.65	22.57	23.20
		HIGH	QPSK	22.71	22.72	22.57	23.20
	50	LOW	QPSK	22.70	22.70	22.59	23.20
10	1	LOW	Q16	22.55	23.01	22.50	23.20
		MID	Q16	22.61	23.04	22.56	23.20
		HIGH	Q16	22.56	23.03	22.60	23.20
	25	LOW	Q16	21.74	21.73	21.63	22.20
		MID	Q16	21.67	21.70	21.65	22.20
		HIGH	Q16	21.73	21.76	21.66	22.20
	50	LOW	Q16	21.68	21.70	21.60	22.20
10	1	LOW	64QAM	21.70	21.86	21.63	22.20
		MID	64QAM	21.58	22.06	21.70	22.20
		HIGH	64QAM	21.71	22.04	21.46	22.20
	25	LOW	64QAM	20.77	20.80	20.57	21.20
		MID	64QAM	20.81	20.72	20.76	21.20
		HIGH	64QAM	20.88	20.75	20.80	21.20
	50	LOW	64QAM	20.82	20.80	20.56	21.20

LTE B5-Level4_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.20
		MID	QPSK	23.55	23.56	23.61	24.20
		HIGH	QPSK	23.57	23.58	23.64	24.20
	3	LOW	QPSK	23.68	23.64	23.68	24.20
		MID	QPSK	23.67	23.62	23.70	24.20
		HIGH	QPSK	23.65	23.62	23.70	24.20
1.4	1	LOW	QPSK	22.65	22.70	22.69	23.20
		MID	QPSK	22.65	22.70	22.69	23.20
		HIGH	QPSK	22.65	22.70	22.69	23.20
	3	LOW	QPSK	22.68	22.73	22.73	23.20
		MID	QPSK	22.67	22.72	22.72	23.20
		HIGH	QPSK	22.67	22.72	22.72	23.20
1.4	1	LOW	QPSK	21.77	21.77	21.77	22.20
		MID	QPSK	21.77	21.77	21.77	22.20
		HIGH	QPSK	21.77	21.77	21.77	22.20
	3	LOW	QPSK	21.77	21.77	21.77	22.20
		MID	QPSK	21.77	21.77	21.77	22.20
		HIGH	QPSK	21.77	21.77	21.77	22.20
1.4	1	LOW	QPSK	20.89	20.89	20.89	21.20
		MID	QPSK	20.89	20.89	20.89	21.20
		HIGH	QPSK	20.89	20.89	20.89	21.20
	3	LOW	QPSK	20.89	20.89	20.89	21.20
		MID	QPSK	20.89	20.89	20.89	21.20
		HIGH	QPSK	20.89	20.89	20.89	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.20
		MID	QPSK	23.66	23.58	23.63	24.20
		HIGH	QPSK	23.73	23.59	23.66	24.20
	8	LOW	QPSK	22.60	22.63	22.68	23.20
		MID	QPSK	22.70	22.64	22.70	23.20
		HIGH	QPSK	22.67	22.67	22.68	23.20
3	1	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
	8	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
3	1	LOW	QPSK	21.71	21.71	21.71	22.20
		MID	QPSK	21.71	21.71	21.71	22.20
		HIGH	QPSK	21.71	21.71	21.71	22.20
	8	LOW	QPSK	21.71	21.71	21.71	22.20
		MID	QPSK	21.71	21.71	21.71	22.20
		HIGH	QPSK	21.71	21.71	21.71	22.20
3	1	LOW	QPSK	20.65	20.69	20.70	21.20
		MID	QPSK	20.65	20.69	20.70	21.20
		HIGH	QPSK	20.65	20.69	20.70	21.20
	8	LOW	QPSK	20.65	20.69	20.70	21.20
		MID	QPSK	20.65	20.69	20.70	21.20
		HIGH	QPSK	20.65	20.69	20.70	21.20

LTE B5-Level4_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.49	23.58	24.20
		MID	QPSK	23.80	23.60	23.42	24.20
		HIGH	QPSK	23.69	23.73	23.64	24.20
	12	LOW	QPSK	22.73	22.73	22.62	23.20
		MID	QPSK	22.59	22.63	22.52	23.20
		HIGH	QPSK	22.77	22.67	22.49	23.20
5	1	LOW	QPSK	22.83	22.78	22.60	23.20
		MID	QPSK	22.83	22.78	22.60	23.20
		HIGH	QPSK	22.83	22.78	22.60	23.20
	12	LOW	QPSK	22.83	22.78	22.60	23.20
		MID	QPSK	22.83	22.78	22.60	23.20
		HIGH	QPSK	22.83	22.78	22.60	23.20
5	1	LOW	Q16	22.63	22.91	22.35	23.20
		MID	Q16	22.70	23.07	22.46	23.20
		HIGH	Q16	22.59	23.06	22.66	23.20
	12	LOW	Q16	21.74	21.79	21.58	22.20
		MID	Q16	21.76	21.77	21.77	22.20
		HIGH	Q16	21.71	21.83	21.73	22.20
5	1	LOW	Q16	21.56	21.61	21.50	22.20
		MID	Q16	21.56	21.61	21.50	22.20
		HIGH	Q16	21.56	21.61	21.50	22.20
	12	LOW	Q16	21.56	21.61	21.50	22.20
		MID	Q16	21.56	21.61	21.50	22.20
		HIGH	Q16	21.56	21.61	21.50	22.20
5	1	LOW	64QAM	21.60	21.98	21.37	22.20
		MID	64QAM	21.55	22.00	21.54	22.20
		HIGH	64QAM	21.47	21.89	21.66	22.20
	12	LOW	64QAM	20.68	20.75	20.55	21.20
		MID	64QAM	20.59	20.73	20.50	21.20
		HIGH	64QAM	20.72	20.69	20.72	21.20
5	1	LOW	64QAM	20.55	20.58	20.63	21.20
		MID	64QAM	20.55	20.58	20.63	21.20
		HIGH	64QAM	20.55	20.58	20.63	21.20
	12	LOW	64QAM	20.55	20.58	20.63	21.20
		MID	64QAM	20.55	20.58	20.63	21.20
		HIGH	64QAM	20.55	20.58	20.63	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.20
		MID	QPSK	23.76	23.65	23.54	24.20
		HIGH	QPSK	23.68	23.67	23.59	24.20
	25	LOW	QPSK	22.72	22.68	22.51	23.20
		MID	QPSK	22.68	22.65	22.57	23.20
		HIGH	QPSK	22.71	22.72	22.57	23.20
10	1	LOW	QPSK	22.70	22.70	22.59	23.20
		MID	QPSK	22.70	22.70	22.59	23.20
		HIGH	QPSK	22.70	22.70	22.59	23.20
	25	LOW	QPSK	22.70	22.70	22.59	23.20
		MID	QPSK	22.70	22.70	22.59	23.20
		HIGH	QPSK	22.70	22.70	22.59	23.20
10	1	LOW	Q16	22.55	23.01	22.50	23.20
		MID	Q16	22.61	23.04	22.56	23.20
		HIGH	Q16	22.56	23.03	22.60	23.20
	25	LOW	Q16	21.74	21.73	21.63	22.20
		MID	Q16	21.67	21.70	21.65	22.20
		HIGH	Q16	21.73	21.76	21.66	22.20
10	1	LOW	Q16	21.68	21.70	21.60	22.20
		MID	Q16	21.68	21.70	21.60	22.20
		HIGH	Q16	21.68	21.70	21.60	22.20
	25	LOW	Q16	21.68	21.70	21.60	22.20
		MID	Q16	21.68	21.70	21.60	22.20
		HIGH	Q16	21.68	21.70	21.60	22.20
10	1	LOW	64QAM	21.70	21.86	21.63	22.20
		MID	64QAM	21.58	22.06	21.70	22.20
		HIGH	64QAM	21.71	22.04	21.46	22.20
	25	LOW	64QAM	20.77	20.80	20.57	21.20
		MID	64QAM	20.81	20.72	20.76	21.20
		HIGH	64QAM	20.88	20.75	20.80	21.20
10	1	LOW	64QAM	20.82	20.80	20.56	21.20
		MID	64QAM	20.82	20.80	20.56	21.20
		HIGH	64QAM	20.82	20.80	20.56	21.20
	25	LOW	64QAM	20.82	20.80	20.56	21.20
		MID	64QAM	20.82	20.80	20.56	21.20
		HIGH	64QAM	20.82	20.80	20.56	21.20

LTE B5-Level5&6_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.20
		MID	QPSK	23.55	23.56	23.61	24.20
		HIGH	QPSK	23.57	23.58	23.64	24.20
	3	LOW	QPSK	23.68	23.64	23.68	24.20
		MID	QPSK	23.67	23.62	23.70	24.20
		HIGH	QPSK	23.65	23.62	23.70	24.20
	6	LOW	QPSK	22.65	22.70	22.69	23.20
1.4	1	LOW	Q16	22.75	23.05	22.75	23.20
		MID	Q16	22.78	23.00	22.73	23.20
		HIGH	Q16	22.78	23.03	22.74	23.20
	3	LOW	Q16	22.70	22.84	22.82	23.20
		MID	Q16	22.70	22.80	22.84	23.20
		HIGH	Q16	22.71	22.82	22.81	23.20
	6	LOW	Q16	21.77	21.56	21.84	22.20
1.4	1	LOW	64QAM	21.75	21.97	21.61	22.20
		MID	64QAM	21.77	21.97	21.59	22.20
		HIGH	64QAM	21.72	21.93	21.74	22.20
	3	LOW	64QAM	21.55	21.89	21.87	22.20
		MID	64QAM	21.79	21.94	21.79	22.20
		HIGH	64QAM	21.63	21.84	21.67	22.20
	6	LOW	64QAM	20.89	20.69	20.87	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.20
		MID	QPSK	23.66	23.58	23.63	24.20
		HIGH	QPSK	23.73	23.59	23.66	24.20
	8	LOW	QPSK	22.60	22.63	22.68	23.20
		MID	QPSK	22.70	22.64	22.70	23.20
		HIGH	QPSK	22.67	22.67	22.68	23.20
15	LOW	QPSK	22.67	22.66	22.69	23.20	
3	1	LOW	Q16	22.59	23.02	22.74	23.20
		MID	Q16	22.60	23.05	22.69	23.20
		HIGH	Q16	22.62	23.06	22.72	23.20
	8	LOW	Q16	21.77	21.72	21.73	22.20
		MID	Q16	21.78	21.76	21.74	22.20
		HIGH	Q16	21.76	21.75	21.73	22.20
15	LOW	Q16	21.71	21.71	21.68	22.20	
3	1	LOW	64QAM	21.73	22.17	21.85	22.20
		MID	64QAM	21.71	22.20	21.60	22.20
		HIGH	64QAM	21.77	22.14	21.85	22.20
	8	LOW	64QAM	20.83	20.84	20.58	22.20
		MID	64QAM	20.85	20.88	20.80	22.20
		HIGH	64QAM	20.61	20.88	20.73	22.20
15	LOW	64QAM	20.65	20.69	20.70	21.20	

LTE B5-Level5&6_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.49	23.58	24.20
		MID	QPSK	23.80	23.60	23.42	24.20
		HIGH	QPSK	23.69	23.73	23.64	24.20
	12	LOW	QPSK	22.73	22.73	22.62	23.20
		MID	QPSK	22.59	22.63	22.52	23.20
		HIGH	QPSK	22.77	22.67	22.49	23.20
	25	LOW	QPSK	22.83	22.78	22.60	23.20
5	1	LOW	Q16	22.63	22.91	22.35	23.20
		MID	Q16	22.70	23.07	22.46	23.20
		HIGH	Q16	22.59	23.06	22.66	23.20
	12	LOW	Q16	21.74	21.79	21.58	22.20
		MID	Q16	21.76	21.77	21.77	22.20
		HIGH	Q16	21.71	21.83	21.73	22.20
	25	LOW	Q16	21.56	21.61	21.50	22.20
5	1	LOW	64QAM	21.60	21.98	21.37	22.20
		MID	64QAM	21.55	22.00	21.54	22.20
		HIGH	64QAM	21.47	21.89	21.66	22.20
	12	LOW	64QAM	20.68	20.75	20.55	21.20
		MID	64QAM	20.59	20.73	20.50	21.20
		HIGH	64QAM	20.72	20.69	20.72	21.20
	25	LOW	64QAM	20.55	20.58	20.63	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.20
		MID	QPSK	23.76	23.65	23.54	24.20
		HIGH	QPSK	23.68	23.67	23.59	24.20
	25	LOW	QPSK	22.72	22.68	22.51	23.20
		MID	QPSK	22.68	22.65	22.57	23.20
		HIGH	QPSK	22.71	22.72	22.57	23.20
	50	LOW	QPSK	22.70	22.70	22.59	23.20
10	1	LOW	Q16	22.55	23.01	22.50	23.20
		MID	Q16	22.61	23.04	22.56	23.20
		HIGH	Q16	22.56	23.03	22.60	23.20
	25	LOW	Q16	21.74	21.73	21.63	22.20
		MID	Q16	21.67	21.70	21.65	22.20
		HIGH	Q16	21.73	21.76	21.66	22.20
	50	LOW	Q16	21.68	21.70	21.60	22.20
10	1	LOW	64QAM	21.70	21.86	21.63	22.20
		MID	64QAM	21.58	22.06	21.70	22.20
		HIGH	64QAM	21.71	22.04	21.46	22.20
	25	LOW	64QAM	20.77	20.80	20.57	21.20
		MID	64QAM	20.81	20.72	20.76	21.20
		HIGH	64QAM	20.88	20.75	20.80	21.20
	50	LOW	64QAM	20.82	20.80	20.56	21.20

LTE B5-Level5&6_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.56	23.57	23.59	24.20
		MID	QPSK	23.55	23.56	23.61	24.20
		HIGH	QPSK	23.57	23.58	23.64	24.20
	3	LOW	QPSK	23.68	23.64	23.68	24.20
		MID	QPSK	23.67	23.62	23.70	24.20
		HIGH	QPSK	23.65	23.62	23.70	24.20
1.4	1	LOW	QPSK	22.65	22.70	22.69	23.20
		MID	QPSK	22.65	22.70	22.69	23.20
		HIGH	QPSK	22.65	22.70	22.69	23.20
	3	LOW	QPSK	22.68	22.73	22.73	23.20
		MID	QPSK	22.67	22.72	22.72	23.20
		HIGH	QPSK	22.67	22.72	22.72	23.20
1.4	1	LOW	QPSK	21.77	21.77	21.77	22.20
		MID	QPSK	21.77	21.77	21.77	22.20
		HIGH	QPSK	21.77	21.77	21.77	22.20
	3	LOW	QPSK	21.77	21.77	21.77	22.20
		MID	QPSK	21.77	21.77	21.77	22.20
		HIGH	QPSK	21.77	21.77	21.77	22.20
1.4	1	LOW	QPSK	20.89	20.89	20.89	21.20
		MID	QPSK	20.89	20.89	20.89	21.20
		HIGH	QPSK	20.89	20.89	20.89	21.20
	3	LOW	QPSK	20.89	20.89	20.89	21.20
		MID	QPSK	20.89	20.89	20.89	21.20
		HIGH	QPSK	20.89	20.89	20.89	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.67	23.59	23.62	24.20
		MID	QPSK	23.66	23.58	23.63	24.20
		HIGH	QPSK	23.73	23.59	23.66	24.20
	8	LOW	QPSK	22.60	22.63	22.68	23.20
		MID	QPSK	22.70	22.64	22.70	23.20
		HIGH	QPSK	22.67	22.67	22.68	23.20
3	1	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
	8	LOW	QPSK	22.67	22.66	22.69	23.20
		MID	QPSK	22.67	22.66	22.69	23.20
		HIGH	QPSK	22.67	22.66	22.69	23.20
3	1	LOW	QPSK	21.71	21.71	21.71	22.20
		MID	QPSK	21.71	21.71	21.71	22.20
		HIGH	QPSK	21.71	21.71	21.71	22.20
	8	LOW	QPSK	21.71	21.71	21.71	22.20
		MID	QPSK	21.71	21.71	21.71	22.20
		HIGH	QPSK	21.71	21.71	21.71	22.20
3	1	LOW	QPSK	20.65	20.69	20.70	21.20
		MID	QPSK	20.65	20.69	20.70	21.20
		HIGH	QPSK	20.65	20.69	20.70	21.20
	8	LOW	QPSK	20.65	20.69	20.70	21.20
		MID	QPSK	20.65	20.69	20.70	21.20
		HIGH	QPSK	20.65	20.69	20.70	21.20

LTE B5-Level5&6_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.73	23.49	23.58	24.20
		MID	QPSK	23.80	23.60	23.42	24.20
		HIGH	QPSK	23.69	23.73	23.64	24.20
	12	LOW	QPSK	22.73	22.73	22.62	23.20
		MID	QPSK	22.59	22.63	22.52	23.20
		HIGH	QPSK	22.77	22.67	22.49	23.20
	25	LOW	QPSK	22.83	22.78	22.60	23.20
5	1	LOW	Q16	22.63	22.91	22.35	23.20
		MID	Q16	22.70	23.07	22.46	23.20
		HIGH	Q16	22.59	23.06	22.66	23.20
	12	LOW	Q16	21.74	21.79	21.58	22.20
		MID	Q16	21.76	21.77	21.77	22.20
		HIGH	Q16	21.71	21.83	21.73	22.20
	25	LOW	Q16	21.56	21.61	21.50	22.20
5	1	LOW	64QAM	21.60	21.98	21.37	22.20
		MID	64QAM	21.55	22.00	21.54	22.20
		HIGH	64QAM	21.47	21.89	21.66	22.20
	12	LOW	64QAM	20.68	20.75	20.55	21.20
		MID	64QAM	20.59	20.73	20.50	21.20
		HIGH	64QAM	20.72	20.69	20.72	21.20
	25	LOW	64QAM	20.55	20.58	20.63	21.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.65	23.62	23.48	24.20
		MID	QPSK	23.76	23.65	23.54	24.20
		HIGH	QPSK	23.68	23.67	23.59	24.20
	25	LOW	QPSK	22.72	22.68	22.51	23.20
		MID	QPSK	22.68	22.65	22.57	23.20
		HIGH	QPSK	22.71	22.72	22.57	23.20
50	LOW	QPSK	22.70	22.70	22.59	23.20	
10	1	LOW	Q16	22.55	23.01	22.50	23.20
		MID	Q16	22.61	23.04	22.56	23.20
		HIGH	Q16	22.56	23.03	22.60	23.20
	25	LOW	Q16	21.74	21.73	21.63	22.20
		MID	Q16	21.67	21.70	21.65	22.20
		HIGH	Q16	21.73	21.76	21.66	22.20
50	LOW	Q16	21.68	21.70	21.60	22.20	
10	1	LOW	64QAM	21.70	21.86	21.63	22.20
		MID	64QAM	21.58	22.06	21.70	22.20
		HIGH	64QAM	21.71	22.04	21.46	22.20
	25	LOW	64QAM	20.77	20.80	20.57	21.20
		MID	64QAM	20.81	20.72	20.76	21.20
		HIGH	64QAM	20.88	20.75	20.80	21.20
50	LOW	64QAM	20.82	20.80	20.56	21.20	

8.6.7 LTE Band7 Output Power

LTE B7-Full Power -Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.56	22.94	24.00
		MID	QPSK	22.89	22.64	22.99	24.00
		HIGH	QPSK	22.76	22.67	22.97	24.00
	12	LOW	QPSK	21.89	21.64	21.84	23.00
		MID	QPSK	21.87	21.58	22.12	23.00
		HIGH	QPSK	21.74	21.53	21.92	23.00
	25	LOW	QPSK	21.88	21.67	21.94	23.00
5	1	LOW	Q16	21.75	21.78	21.71	23.00
		MID	Q16	21.70	21.81	21.81	23.00
		HIGH	Q16	21.56	21.55	21.70	23.00
	12	LOW	Q16	20.68	20.76	20.74	22.00
		MID	Q16	20.67	20.67	20.65	22.00
		HIGH	Q16	20.58	20.71	20.61	22.00
	25	LOW	Q16	20.62	20.84	20.69	22.00
5	1	LOW	64QAM	20.69	20.75	20.59	22.00
		MID	64QAM	20.77	20.74	20.71	22.00
		HIGH	64QAM	20.83	20.82	20.80	22.00
	12	LOW	64QAM	19.75	19.78	19.77	21.00
		MID	64QAM	19.55	19.82	19.82	21.00
		HIGH	64QAM	19.65	19.76	19.59	21.00
	25	LOW	64QAM	19.81	19.55	19.72	21.00
Bandwidth (	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.73	22.65	22.94	24.00
		MID	QPSK	23.00	22.66	22.86	24.00
		HIGH	QPSK	22.90	22.72	22.93	24.00
	25	LOW	QPSK	21.81	21.74	21.92	23.00
		MID	QPSK	21.92	21.77	21.92	23.00
		HIGH	QPSK	21.73	21.63	21.98	23.00
50	LOW	QPSK	21.94	21.76	22.06	23.00	
10	1	LOW	Q16	21.73	21.62	21.81	23.00
		MID	Q16	21.58	21.71	21.71	23.00
		HIGH	Q16	21.68	21.79	21.56	23.00
	25	LOW	Q16	20.57	20.78	20.62	22.00
		MID	Q16	20.66	20.80	20.65	22.00
		HIGH	Q16	20.70	20.62	20.65	22.00
50	LOW	Q16	20.79	20.74	20.82	22.00	
10	1	LOW	64QAM	20.73	20.55	20.83	22.00
		MID	64QAM	20.64	20.61	20.67	22.00
		HIGH	64QAM	20.78	20.61	20.66	22.00
	25	LOW	64QAM	19.81	19.79	19.60	21.00
		MID	64QAM	19.75	19.60	19.80	21.00
		HIGH	64QAM	19.82	19.63	19.68	21.00
	50	LOW	64QAM	19.59	19.63	19.75	21.00

LTE B7-Full Power -Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.70	22.75	22.71	24.00
		MID	QPSK	22.83	22.80	22.68	24.00
		HIGH	QPSK	22.86	22.74	22.89	24.00
	36	LOW	QPSK	21.83	21.58	21.91	23.00
		MID	QPSK	21.81	21.71	22.12	23.00
		HIGH	QPSK	21.87	21.69	22.07	23.00
	75	LOW	QPSK	21.93	21.75	21.97	23.00
15	1	LOW	Q16	21.70	21.67	21.74	23.00
		MID	Q16	21.77	21.74	21.78	23.00
		HIGH	Q16	21.80	21.66	21.60	23.00
	36	LOW	Q16	20.57	20.67	20.72	22.00
		MID	Q16	20.56	20.55	20.77	22.00
		HIGH	Q16	20.82	20.64	20.78	22.00
	75	LOW	Q16	20.59	20.57	20.63	22.00
15	1	LOW	64QAM	20.83	20.57	20.82	22.00
		MID	64QAM	20.77	20.67	20.67	22.00
		HIGH	64QAM	20.67	20.58	20.57	22.00
	36	LOW	64QAM	19.68	19.79	19.54	21.00
		MID	64QAM	19.78	19.70	19.78	21.00
		HIGH	64QAM	19.59	19.76	19.53	21.00
	75	LOW	64QAM	19.68	19.83	19.69	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.77	22.60	22.80	24.00
		MID	QPSK	22.91	22.71	22.99	24.00
		HIGH	QPSK	22.80	22.67	22.97	24.00
	50	LOW	QPSK	21.81	21.66	21.98	23.00
		MID	QPSK	21.92	21.76	22.13	23.00
		HIGH	QPSK	21.70	21.51	22.00	23.00
	100	LOW	QPSK	21.82	21.67	21.96	23.00
20	1	LOW	Q16	21.57	21.69	21.72	23.00
		MID	Q16	21.56	21.79	21.68	23.00
		HIGH	Q16	21.70	21.74	21.65	23.00
	50	LOW	Q16	20.79	20.62	20.83	22.00
		MID	Q16	20.58	20.72	20.59	22.00
		HIGH	Q16	20.71	20.67	20.57	22.00
	100	LOW	Q16	20.75	20.63	20.56	22.00
20	1	LOW	64QAM	20.60	20.68	20.65	22.00
		MID	64QAM	20.60	20.62	20.82	22.00
		HIGH	64QAM	20.73	20.63	20.57	22.00
	50	LOW	64QAM	19.82	19.80	19.71	21.00
		MID	64QAM	19.68	19.64	19.82	21.00
		HIGH	64QAM	19.59	19.58	19.70	21.00
	100	LOW	64QAM	19.59	19.78	19.66	21.00

LTE B7-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.86	18.57	18.59	19.00
		MID	QPSK	18.84	18.73	18.86	19.00
		HIGH	QPSK	18.72	18.85	18.77	19.00
	12	LOW	QPSK	18.62	18.55	18.64	19.00
		MID	QPSK	18.84	18.67	18.79	19.00
		HIGH	QPSK	18.84	18.59	18.84	19.00
	25	LOW	QPSK	18.73	18.58	18.99	19.00
5	1	LOW	Q16	18.84	18.53	19.01	19.00
		MID	Q16	18.63	18.72	19.00	19.00
		HIGH	Q16	18.83	18.90	18.47	19.00
	12	LOW	Q16	18.80	18.58	18.44	19.00
		MID	Q16	18.95	18.59	18.90	19.00
		HIGH	Q16	18.61	18.51	18.93	19.00
	25	LOW	Q16	18.71	18.63	18.76	19.00
5	1	LOW	64QAM	18.94	18.63	18.74	19.00
		MID	64QAM	18.73	18.60	18.73	19.00
		HIGH	64QAM	18.70	18.82	18.84	19.00
	12	LOW	64QAM	18.73	18.56	18.65	19.00
		MID	64QAM	18.83	18.61	18.83	19.00
		HIGH	64QAM	18.87	18.59	19.06	19.00
	25	LOW	64QAM	18.90	18.65	19.08	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.86	18.73	18.60	19.00
		MID	QPSK	18.84	18.84	18.77	19.00
		HIGH	QPSK	18.64	18.69	18.59	19.00
	25	LOW	QPSK	18.75	18.62	18.59	19.00
		MID	QPSK	18.89	18.68	18.93	19.00
		HIGH	QPSK	18.83	18.46	18.77	19.00
50	LOW	QPSK	18.90	18.41	18.78	19.00	
10	1	LOW	Q16	19.03	18.69	18.71	19.00
		MID	Q16	18.45	18.69	19.04	19.00
		HIGH	Q16	18.91	18.88	18.67	19.00
	25	LOW	Q16	18.55	18.57	18.57	19.00
		MID	Q16	18.70	18.66	18.89	19.00
		HIGH	Q16	18.63	18.62	18.77	19.00
50	LOW	Q16	18.86	18.65	18.92	19.00	
10	1	LOW	64QAM	18.98	18.85	18.74	19.00
		MID	64QAM	18.71	18.71	18.86	19.00
		HIGH	64QAM	18.76	18.84	18.63	19.00
	25	LOW	64QAM	18.61	18.62	18.55	19.00
		MID	64QAM	18.96	18.78	18.67	19.00
		HIGH	64QAM	18.77	18.47	19.08	19.00
	50	LOW	64QAM	18.85	18.46	18.97	19.00

LTE B7-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.74	18.71	18.81	19.00
		MID	QPSK	18.66	18.79	18.97	19.00
		HIGH	QPSK	18.73	18.73	18.76	19.00
	36	LOW	QPSK	18.55	18.72	18.65	19.00
		MID	QPSK	18.81	18.66	18.88	19.00
		HIGH	QPSK	18.90	18.66	18.78	19.00
	75	LOW	QPSK	18.91	18.39	18.85	19.00
15	1	LOW	Q16	19.05	18.48	18.94	19.00
		MID	Q16	18.49	18.75	19.05	19.00
		HIGH	Q16	18.80	18.86	18.63	19.00
	36	LOW	Q16	18.68	18.67	18.52	19.00
		MID	Q16	18.84	18.69	18.98	19.00
		HIGH	Q16	18.83	18.46	18.76	19.00
	75	LOW	Q16	18.85	18.71	18.79	19.00
15	1	LOW	64QAM	19.01	18.79	18.60	19.00
		MID	64QAM	18.59	18.59	18.88	19.00
		HIGH	64QAM	18.78	18.95	18.83	19.00
	36	LOW	64QAM	18.65	18.51	18.49	19.00
		MID	64QAM	19.12	18.53	18.83	19.00
		HIGH	64QAM	18.93	18.44	19.13	19.00
	75	LOW	64QAM	19.09	18.76	18.96	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.78	18.72	18.74	19.00
		MID	QPSK	18.74	18.80	18.82	19.00
		HIGH	QPSK	18.83	18.79	18.71	19.00
	50	LOW	QPSK	18.65	18.89	18.59	19.00
		MID	QPSK	18.89	18.59	18.88	19.00
		HIGH	QPSK	18.81	18.60	18.89	19.00
	100	LOW	QPSK	18.86	18.49	18.93	19.00
20	1	LOW	Q16	18.93	18.60	18.86	19.00
		MID	Q16	18.60	18.70	18.94	19.00
		HIGH	Q16	18.78	18.91	18.58	19.00
	50	LOW	Q16	18.68	18.54	18.49	19.00
		MID	Q16	18.82	18.67	18.93	19.00
		HIGH	Q16	18.69	18.49	18.83	19.00
	100	LOW	Q16	18.75	18.61	18.86	19.00
20	1	LOW	64QAM	18.86	18.70	18.63	19.00
		MID	64QAM	18.62	18.67	18.85	19.00
		HIGH	64QAM	18.76	18.85	18.78	19.00
	50	LOW	64QAM	18.59	18.58	18.61	19.00
		MID	64QAM	18.98	18.63	18.76	19.00
		HIGH	64QAM	18.82	18.45	19.02	19.00
	100	LOW	64QAM	19.00	18.61	18.97	19.00

LTE B7-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.40	18.14	18.37	18.50
		MID	QPSK	18.31	18.42	18.44	18.50
		HIGH	QPSK	18.45	18.33	18.12	18.50
	12	LOW	QPSK	18.27	18.20	18.39	18.50
		MID	QPSK	18.47	18.31	18.20	18.50
		HIGH	QPSK	18.39	18.21	18.25	18.50
	25	LOW	QPSK	18.21	18.33	18.28	18.50
5	1	LOW	Q16	18.34	18.16	18.57	18.50
		MID	Q16	18.48	18.51	18.16	18.50
		HIGH	Q16	18.23	18.21	18.05	18.50
	12	LOW	Q16	18.53	18.50	18.17	18.50
		MID	Q16	18.64	18.16	17.96	18.50
		HIGH	Q16	18.22	18.40	18.27	18.50
	25	LOW	Q16	18.04	18.18	18.45	18.50
5	1	LOW	64QAM	18.45	18.17	18.27	18.50
		MID	64QAM	18.56	18.46	18.30	18.50
		HIGH	64QAM	18.19	18.08	18.03	18.50
	12	LOW	64QAM	18.34	18.39	18.30	18.50
		MID	64QAM	18.36	18.20	18.13	18.50
		HIGH	64QAM	18.42	18.26	18.24	18.50
	25	LOW	64QAM	18.27	18.43	18.28	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.33	18.30	18.38	18.50
		MID	QPSK	18.37	18.40	18.54	18.50
		HIGH	QPSK	18.39	18.04	18.33	18.50
	25	LOW	QPSK	18.42	18.44	18.31	18.50
		MID	QPSK	18.54	18.13	18.10	18.50
		HIGH	QPSK	18.30	18.38	18.40	18.50
50	LOW	QPSK	18.26	18.37	18.35	18.50	
10	1	LOW	Q16	18.28	18.10	18.31	18.50
		MID	Q16	18.64	18.46	18.24	18.50
		HIGH	Q16	18.14	18.00	18.08	18.50
	25	LOW	Q16	18.40	18.47	18.17	18.50
		MID	Q16	18.45	18.14	18.11	18.50
		HIGH	Q16	18.39	18.40	18.27	18.50
50	LOW	Q16	18.10	18.33	18.57	18.50	
10	1	LOW	64QAM	18.35	18.29	18.21	18.50
		MID	64QAM	18.54	18.50	18.36	18.50
		HIGH	64QAM	18.48	18.20	18.04	18.50
	25	LOW	64QAM	18.46	18.34	18.24	18.50
		MID	64QAM	18.35	18.33	18.18	18.50
		HIGH	64QAM	18.40	18.23	18.20	18.50
	50	LOW	64QAM	18.14	18.55	18.43	18.50

LTE B7-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.30	18.12	18.23	18.50
		MID	QPSK	18.27	18.26	18.53	18.50
		HIGH	QPSK	18.42	18.08	18.13	18.50
	36	LOW	QPSK	18.38	18.22	18.28	18.50
		MID	QPSK	18.38	18.33	18.11	18.50
		HIGH	QPSK	18.26	18.35	18.22	18.50
	75	LOW	QPSK	18.24	18.40	18.41	18.50
15	1	LOW	Q16	18.09	18.15	18.56	18.50
		MID	Q16	18.43	18.32	18.33	18.50
		HIGH	Q16	18.11	18.21	18.00	18.50
	36	LOW	Q16	18.38	18.38	18.32	18.50
		MID	Q16	18.61	18.02	18.11	18.50
		HIGH	Q16	18.38	18.28	18.12	18.50
	75	LOW	Q16	18.05	18.21	18.40	18.50
15	1	LOW	64QAM	18.31	18.36	18.14	18.50
		MID	64QAM	18.47	18.36	18.24	18.50
		HIGH	64QAM	18.43	18.09	18.13	18.50
	36	LOW	64QAM	18.21	18.38	18.15	18.50
		MID	64QAM	18.26	18.33	17.91	18.50
		HIGH	64QAM	18.38	18.07	18.34	18.50
	75	LOW	64QAM	18.29	18.42	18.34	18.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.32	18.25	18.27	18.50
		MID	QPSK	18.35	18.39	18.40	18.50
		HIGH	QPSK	18.41	18.19	18.24	18.50
	50	LOW	QPSK	18.39	18.49	18.36	18.50
		MID	QPSK	18.47	18.22	18.18	18.50
		HIGH	QPSK	18.34	18.23	18.32	18.50
100	LOW	QPSK	18.19	18.40	18.38	18.50	
20	1	LOW	Q16	18.23	18.16	18.42	18.50
		MID	Q16	18.49	18.42	18.29	18.50
		HIGH	Q16	18.15	18.13	18.14	18.50
	50	LOW	Q16	18.51	18.42	18.27	18.50
		MID	Q16	18.59	18.12	18.05	18.50
		HIGH	Q16	18.28	18.35	18.21	18.50
100	LOW	Q16	18.07	18.25	18.53	18.50	
20	1	LOW	64QAM	18.41	18.23	18.24	18.50
		MID	64QAM	18.48	18.48	18.33	18.50
		HIGH	64QAM	18.34	18.14	18.15	18.50
	50	LOW	64QAM	18.31	18.33	18.22	18.50
		MID	64QAM	18.38	18.33	18.04	18.50
		HIGH	64QAM	18.45	18.16	18.33	18.50
	100	LOW	64QAM	18.18	18.55	18.33	18.50

LTE B7-Level4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.07	21.24	22.00
		MID	QPSK	21.47	21.04	21.17	22.00
		HIGH	QPSK	21.32	21.40	21.39	22.00
	12	LOW	QPSK	21.35	21.37	21.19	22.00
		MID	QPSK	21.30	21.04	21.46	22.00
		HIGH	QPSK	21.31	21.25	21.28	22.00
	25	LOW	QPSK	21.35	21.33	21.19	22.00
5	1	LOW	Q16	21.13	21.23	21.28	22.00
		MID	Q16	21.23	21.12	21.11	22.00
		HIGH	Q16	21.22	21.41	21.41	22.00
	12	LOW	Q16	21.37	21.29	21.15	22.00
		MID	Q16	21.33	21.09	21.40	22.00
		HIGH	Q16	21.37	21.18	20.92	22.00
	25	LOW	Q16	21.34	21.42	21.08	22.00
5	1	LOW	64QAM	21.20	21.18	21.35	22.00
		MID	64QAM	21.17	21.22	21.20	22.00
		HIGH	64QAM	21.42	21.42	21.23	22.00
	12	LOW	64QAM	21.50	21.53	21.29	21.00
		MID	64QAM	21.03	20.82	21.27	21.00
		HIGH	64QAM	21.34	20.88	21.33	21.00
	25	LOW	64QAM	21.48	21.42	21.35	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.28	21.37	21.37	22.00
		MID	QPSK	21.27	21.19	21.29	22.00
		HIGH	QPSK	21.10	21.41	21.51	22.00
	25	LOW	QPSK	21.34	21.47	21.36	22.00
		MID	QPSK	21.23	21.15	21.47	22.00
		HIGH	QPSK	21.46	21.20	21.25	22.00
50	LOW	QPSK	21.22	21.29	21.35	22.00	
10	1	LOW	Q16	21.39	21.19	21.46	22.00
		MID	Q16	21.44	21.06	21.09	22.00
		HIGH	Q16	21.03	21.34	21.28	22.00
	25	LOW	Q16	21.48	21.44	21.35	22.00
		MID	Q16	21.51	21.06	21.54	22.00
		HIGH	Q16	21.50	21.03	21.07	22.00
50	LOW	Q16	21.20	21.29	21.28	22.00	
10	1	LOW	64QAM	21.41	21.21	21.29	22.00
		MID	64QAM	21.15	21.24	21.07	22.00
		HIGH	64QAM	21.30	21.43	21.17	22.00
	25	LOW	64QAM	21.25	21.33	21.36	21.00
		MID	64QAM	21.02	20.92	21.10	21.00
		HIGH	64QAM	21.34	20.91	21.41	21.00
	50	LOW	64QAM	21.28	21.47	21.38	21.00

LTE B7-Level4-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.28	21.24	21.22	22.00
		MID	QPSK	21.37	21.20	21.13	22.00
		HIGH	QPSK	21.33	21.44	21.38	22.00
	36	LOW	QPSK	21.43	21.23	21.27	22.00
		MID	QPSK	21.23	21.12	21.18	22.00
		HIGH	QPSK	21.39	21.23	21.16	22.00
	75	LOW	QPSK	21.42	21.44	21.16	22.00
15	1	LOW	Q16	21.32	21.16	21.25	22.00
		MID	Q16	21.39	21.13	21.33	22.00
		HIGH	Q16	21.14	21.55	21.47	22.00
	36	LOW	Q16	21.23	21.24	21.45	22.00
		MID	Q16	21.51	21.15	21.47	22.00
		HIGH	Q16	21.43	20.94	20.91	22.00
	75	LOW	Q16	21.35	21.31	21.23	22.00
15	1	LOW	64QAM	21.20	21.11	21.27	22.00
		MID	64QAM	21.38	21.07	21.31	22.00
		HIGH	64QAM	21.39	21.60	21.14	22.00
	36	LOW	64QAM	21.27	21.49	21.21	21.00
		MID	64QAM	21.04	20.99	21.18	21.00
		HIGH	64QAM	21.31	20.88	21.17	21.00
	75	LOW	64QAM	21.32	21.38	21.38	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.28	21.22	21.26	22.00
		MID	QPSK	21.35	21.14	21.16	22.00
		HIGH	QPSK	21.23	21.37	21.37	22.00
	50	LOW	QPSK	21.32	21.35	21.24	22.00
		MID	QPSK	21.27	21.07	21.32	22.00
		HIGH	QPSK	21.34	21.14	21.14	22.00
20	100	LOW	QPSK	21.35	21.34	21.21	22.00
	1	LOW	Q16	21.24	21.27	21.32	22.00
		MID	Q16	21.29	21.13	21.19	22.00
		HIGH	Q16	21.17	21.41	21.36	22.00
	50	LOW	Q16	21.33	21.30	21.30	22.00
		MID	Q16	21.40	21.01	21.41	22.00
		HIGH	Q16	21.39	21.09	21.06	22.00
20	100	LOW	Q16	21.26	21.41	21.19	22.00
	1	LOW	64QAM	21.35	21.22	21.37	22.00
		MID	64QAM	21.23	21.10	21.17	22.00
		HIGH	64QAM	21.27	21.47	21.26	22.00
	50	LOW	64QAM	21.36	21.40	21.21	21.00
		MID	64QAM	21.13	20.94	21.20	21.00
		HIGH	64QAM	21.27	21.00	21.26	21.00
20	100	LOW	64QAM	21.35	21.35	21.31	21.00

LTE B7-Level5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.21	20.31	20.27	21.00
		MID	QPSK	20.19	20.42	20.33	21.00
		HIGH	QPSK	20.00	19.94	20.51	21.00
	12	LOW	QPSK	20.10	20.30	20.31	21.00
		MID	QPSK	19.99	20.30	20.40	21.00
		HIGH	QPSK	20.20	20.22	20.37	21.00
	25	LOW	QPSK	19.91	20.12	20.55	21.00
5	1	LOW	Q16	19.92	20.39	20.52	21.00
		MID	Q16	20.14	20.35	20.25	21.00
		HIGH	Q16	19.97	20.29	20.19	21.00
	12	LOW	Q16	20.08	20.47	20.20	21.00
		MID	Q16	20.29	20.23	20.41	21.00
		HIGH	Q16	19.87	20.07	20.20	21.00
	25	LOW	Q16	19.94	20.12	20.54	21.00
5	1	LOW	64QAM	20.19	20.13	20.35	21.00
		MID	64QAM	20.03	20.27	20.69	21.00
		HIGH	64QAM	19.95	19.93	20.21	21.00
	12	LOW	64QAM	19.96	20.33	20.48	21.00
		MID	64QAM	20.32	20.33	20.46	21.00
		HIGH	64QAM	20.13	19.93	20.34	21.00
	25	LOW	64QAM	19.72	20.28	20.55	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.08	20.32	20.33	21.00
		MID	QPSK	20.07	20.30	20.56	21.00
		HIGH	QPSK	20.05	20.24	20.46	21.00
	25	LOW	QPSK	20.13	20.16	20.28	21.00
		MID	QPSK	20.23	20.30	20.54	21.00
		HIGH	QPSK	20.17	19.96	20.33	21.00
50	LOW	QPSK	20.03	20.26	20.51	21.00	
10	1	LOW	Q16	20.02	20.33	20.41	21.00
		MID	Q16	20.29	20.38	20.42	21.00
		HIGH	Q16	19.70	20.08	20.24	21.00
	25	LOW	Q16	20.14	20.27	20.15	21.00
		MID	Q16	20.21	20.19	20.35	21.00
		HIGH	Q16	19.96	20.28	20.44	21.00
50	LOW	Q16	20.05	20.06	20.50	21.00	
10	1	LOW	64QAM	19.98	20.30	20.53	21.00
		MID	64QAM	19.90	20.28	20.56	21.00
		HIGH	64QAM	20.09	19.98	20.29	21.00
	25	LOW	64QAM	19.81	20.18	20.41	21.00
		MID	64QAM	20.12	20.22	20.66	21.00
		HIGH	64QAM	19.91	19.94	20.35	21.00
	50	LOW	64QAM	19.82	20.38	20.66	21.00

LTE B7-Level5&6-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.21	20.19	20.45	21.00
		MID	QPSK	20.00	20.32	20.39	21.00
		HIGH	QPSK	19.86	20.04	20.50	21.00
	36	LOW	QPSK	19.97	20.21	20.28	21.00
		MID	QPSK	20.22	20.34	20.57	21.00
		HIGH	QPSK	20.13	19.96	20.29	21.00
	75	LOW	QPSK	19.82	20.17	20.53	21.00
15	1	LOW	Q16	19.94	20.22	20.38	21.00
		MID	Q16	20.23	20.15	20.32	21.00
		HIGH	Q16	19.82	20.06	20.32	21.00
	36	LOW	Q16	20.16	20.43	20.10	21.00
		MID	Q16	20.02	20.25	20.20	21.00
		HIGH	Q16	20.02	20.27	20.28	21.00
	75	LOW	Q16	20.13	20.26	20.39	21.00
15	1	LOW	64QAM	20.20	20.32	20.38	21.00
		MID	64QAM	19.95	20.06	20.42	21.00
		HIGH	64QAM	20.09	19.95	20.19	21.00
	36	LOW	64QAM	19.92	20.19	20.43	21.00
		MID	64QAM	20.12	20.41	20.50	21.00
		HIGH	64QAM	20.14	20.06	20.27	21.00
	75	LOW	64QAM	19.72	20.31	20.45	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.08	20.21	20.35	21.00
		MID	QPSK	20.09	20.33	20.48	21.00
		HIGH	QPSK	19.98	20.09	20.36	21.00
	50	LOW	QPSK	20.03	20.24	20.29	21.00
		MID	QPSK	20.09	20.24	20.45	21.00
		HIGH	QPSK	20.09	20.07	20.32	21.00
	100	LOW	QPSK	19.94	20.21	20.44	21.00
20	1	LOW	Q16	20.02	20.30	20.45	21.00
		MID	Q16	20.15	20.29	20.34	21.00
		HIGH	Q16	19.85	20.20	20.27	21.00
	50	LOW	Q16	20.06	20.36	20.16	21.00
		MID	Q16	20.15	20.25	20.33	21.00
		HIGH	Q16	19.98	20.13	20.29	21.00
	100	LOW	Q16	20.00	20.19	20.51	21.00
20	1	LOW	64QAM	20.09	20.19	20.50	21.00
		MID	64QAM	20.00	20.20	20.56	21.00
		HIGH	64QAM	19.96	20.02	20.34	21.00
	50	LOW	64QAM	19.89	20.30	20.33	21.00
		MID	64QAM	20.19	20.27	20.55	21.00
		HIGH	64QAM	19.99	19.93	20.32	21.00
	100	LOW	64QAM	19.87	20.23	20.59	21.00

LTE B7-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.02	20.19	22.00
		MID	QPSK	20.31	20.07	20.03	22.00
		HIGH	QPSK	20.19	20.18	20.31	22.00
	12	LOW	QPSK	20.27	20.37	20.17	21.00
		MID	QPSK	20.21	20.08	20.30	21.00
		HIGH	QPSK	20.31	20.28	20.06	21.00
	25	LOW	QPSK	20.22	20.21	20.40	21.00
5	1	LOW	Q16	20.02	19.93	20.32	21.00
		MID	Q16	20.31	20.06	20.12	21.00
		HIGH	Q16	20.28	20.06	20.37	21.00
	12	LOW	Q16	19.22	19.19	19.36	20.00
		MID	Q16	19.05	19.29	19.19	20.00
		HIGH	Q16	19.11	19.20	19.15	20.00
	25	LOW	Q16	19.26	19.25	19.35	20.00
5	1	LOW	64QAM	19.12	18.99	19.26	20.00
		MID	64QAM	19.13	19.05	19.11	20.00
		HIGH	64QAM	19.12	19.01	19.50	20.00
	12	LOW	64QAM	18.07	18.25	18.35	19.00
		MID	64QAM	18.19	18.42	18.49	19.00
		HIGH	64QAM	18.40	18.33	18.42	19.00
	25	LOW	64QAM	18.28	18.40	18.45	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.21	20.09	20.28	22.00
		MID	QPSK	20.25	20.19	20.04	22.00
		HIGH	QPSK	20.33	20.26	20.25	22.00
	25	LOW	QPSK	20.07	20.33	20.34	21.00
		MID	QPSK	20.16	20.28	20.35	21.00
		HIGH	QPSK	20.32	20.36	20.14	21.00
	50	LOW	QPSK	20.41	20.38	20.44	21.00
10	1	LOW	Q16	20.10	19.97	20.43	21.00
		MID	Q16	20.39	20.06	20.17	21.00
		HIGH	Q16	20.15	20.02	20.32	21.00
	25	LOW	Q16	19.16	19.36	19.12	20.00
		MID	Q16	19.13	19.36	19.26	20.00
		HIGH	Q16	19.33	19.20	19.30	20.00
	50	LOW	Q16	19.14	19.27	19.18	20.00
10	1	LOW	64QAM	19.18	18.90	19.44	20.00
		MID	64QAM	19.38	19.10	18.96	20.00
		HIGH	64QAM	19.18	19.24	19.36	20.00
	25	LOW	64QAM	18.11	18.30	18.33	19.00
		MID	64QAM	18.31	18.32	18.24	19.00
		HIGH	64QAM	18.31	18.05	18.33	19.00
	50	LOW	64QAM	18.27	18.36	18.32	19.00

LTE B7-Full Power -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.25	20.33	22.00
		MID	QPSK	20.18	20.09	20.15	22.00
		HIGH	QPSK	20.28	20.35	20.29	22.00
	36	LOW	QPSK	20.26	20.18	20.39	21.00
		MID	QPSK	20.24	20.26	20.17	21.00
		HIGH	QPSK	20.21	20.19	20.05	21.00
	75	LOW	QPSK	20.35	20.32	20.25	21.00
15	1	LOW	Q16	20.28	20.17	20.36	21.00
		MID	Q16	20.37	20.08	20.11	21.00
		HIGH	Q16	20.22	20.04	20.54	21.00
	36	LOW	Q16	19.00	19.09	19.33	20.00
		MID	Q16	19.14	19.25	19.21	20.00
		HIGH	Q16	19.22	19.25	19.12	20.00
	75	LOW	Q16	19.27	19.38	19.24	20.00
15	1	LOW	64QAM	19.28	19.13	19.41	20.00
		MID	64QAM	19.32	19.04	19.23	20.00
		HIGH	64QAM	19.08	19.27	19.48	20.00
	36	LOW	64QAM	18.11	18.29	18.38	19.00
		MID	64QAM	18.28	18.20	18.52	19.00
		HIGH	64QAM	18.30	18.32	18.33	19.00
	75	LOW	64QAM	18.28	18.31	18.27	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.16	20.30	22.00
		MID	QPSK	20.23	20.18	20.17	22.00
		HIGH	QPSK	20.24	20.24	20.33	22.00
	50	LOW	QPSK	20.14	20.23	20.25	21.00
		MID	QPSK	20.20	20.22	20.24	21.00
		HIGH	QPSK	20.26	20.21	20.20	21.00
	100	LOW	QPSK	20.29	20.28	20.30	21.00
20	1	LOW	Q16	20.16	20.04	20.34	21.00
		MID	Q16	20.26	20.08	20.10	21.00
		HIGH	Q16	20.16	20.15	20.40	21.00
	50	LOW	Q16	19.04	19.17	19.31	20.00
		MID	Q16	19.27	19.29	19.39	20.00
		HIGH	Q16	19.40	19.18	19.28	20.00
	100	LOW	Q16	19.25	19.42	19.34	20.00
20	1	LOW	64QAM	19.29	19.17	19.38	20.00
		MID	64QAM	19.29	19.11	19.14	20.00
		HIGH	64QAM	19.07	19.25	19.44	20.00
	50	LOW	64QAM	18.19	18.12	18.20	19.00
		MID	64QAM	18.17	18.18	18.31	19.00
		HIGH	64QAM	18.53	18.19	18.32	19.00
	100	LOW	64QAM	18.10	18.34	18.32	19.00

LTE B7-Level1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.02	20.19	22.00
		MID	QPSK	20.31	20.07	20.03	22.00
		HIGH	QPSK	20.19	20.18	20.31	22.00
	12	LOW	QPSK	20.27	20.37	20.17	21.00
		MID	QPSK	20.21	20.08	20.30	21.00
		HIGH	QPSK	20.31	20.28	20.06	21.00
	25	LOW	QPSK	20.22	20.21	20.40	21.00
5	1	LOW	Q16	20.02	19.93	20.32	21.00
		MID	Q16	20.31	20.06	20.12	21.00
		HIGH	Q16	20.28	20.06	20.37	21.00
	12	LOW	Q16	19.22	19.19	19.36	20.00
		MID	Q16	19.05	19.29	19.19	20.00
		HIGH	Q16	19.11	19.20	19.15	20.00
	25	LOW	Q16	19.26	19.25	19.35	20.00
5	1	LOW	64QAM	19.12	18.99	19.26	20.00
		MID	64QAM	19.13	19.05	19.11	20.00
		HIGH	64QAM	19.12	19.01	19.50	20.00
	12	LOW	64QAM	18.07	18.25	18.35	19.00
		MID	64QAM	18.19	18.42	18.49	19.00
		HIGH	64QAM	18.40	18.33	18.42	19.00
	25	LOW	64QAM	18.28	18.40	18.45	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.21	20.09	20.28	22.00
		MID	QPSK	20.25	20.19	20.04	22.00
		HIGH	QPSK	20.33	20.26	20.25	22.00
	25	LOW	QPSK	20.07	20.33	20.34	21.00
		MID	QPSK	20.16	20.28	20.35	21.00
		HIGH	QPSK	20.32	20.36	20.14	21.00
	50	LOW	QPSK	20.41	20.38	20.44	21.00
10	1	LOW	Q16	20.10	19.97	20.43	21.00
		MID	Q16	20.39	20.06	20.17	21.00
		HIGH	Q16	20.15	20.02	20.32	21.00
	25	LOW	Q16	19.16	19.36	19.12	20.00
		MID	Q16	19.13	19.36	19.26	20.00
		HIGH	Q16	19.33	19.20	19.30	20.00
	50	LOW	Q16	19.14	19.27	19.18	20.00
10	1	LOW	64QAM	19.18	18.90	19.44	20.00
		MID	64QAM	19.38	19.10	18.96	20.00
		HIGH	64QAM	19.18	19.24	19.36	20.00
	25	LOW	64QAM	18.11	18.30	18.33	19.00
		MID	64QAM	18.31	18.32	18.24	19.00
		HIGH	64QAM	18.31	18.05	18.33	19.00
	50	LOW	64QAM	18.27	18.36	18.32	19.00

LTE B7-Level1 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.25	20.33	22.00
		MID	QPSK	20.18	20.09	20.15	22.00
		HIGH	QPSK	20.28	20.35	20.29	22.00
	36	LOW	QPSK	20.26	20.18	20.39	21.00
		MID	QPSK	20.24	20.26	20.17	21.00
		HIGH	QPSK	20.21	20.19	20.05	21.00
	75	LOW	QPSK	20.35	20.32	20.25	21.00
15	1	LOW	Q16	20.28	20.17	20.36	21.00
		MID	Q16	20.37	20.08	20.11	21.00
		HIGH	Q16	20.22	20.04	20.54	21.00
	36	LOW	Q16	19.00	19.09	19.33	20.00
		MID	Q16	19.14	19.25	19.21	20.00
		HIGH	Q16	19.22	19.25	19.12	20.00
	75	LOW	Q16	19.27	19.38	19.24	20.00
15	1	LOW	64QAM	19.28	19.13	19.41	20.00
		MID	64QAM	19.32	19.04	19.23	20.00
		HIGH	64QAM	19.08	19.27	19.48	20.00
	36	LOW	64QAM	18.11	18.29	18.38	19.00
		MID	64QAM	18.28	18.20	18.52	19.00
		HIGH	64QAM	18.30	18.32	18.33	19.00
	75	LOW	64QAM	18.28	18.31	18.27	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.16	20.30	22.00
		MID	QPSK	20.23	20.18	20.17	22.00
		HIGH	QPSK	20.24	20.24	20.33	22.00
	50	LOW	QPSK	20.14	20.23	20.25	21.00
		MID	QPSK	20.20	20.22	20.24	21.00
		HIGH	QPSK	20.26	20.21	20.20	21.00
	100	LOW	QPSK	20.29	20.28	20.30	21.00
20	1	LOW	Q16	20.16	20.04	20.34	21.00
		MID	Q16	20.26	20.08	20.10	21.00
		HIGH	Q16	20.16	20.15	20.40	21.00
	50	LOW	Q16	19.04	19.17	19.31	20.00
		MID	Q16	19.27	19.29	19.39	20.00
		HIGH	Q16	19.40	19.18	19.28	20.00
	100	LOW	Q16	19.25	19.42	19.34	20.00
20	1	LOW	64QAM	19.29	19.17	19.38	20.00
		MID	64QAM	19.29	19.11	19.14	20.00
		HIGH	64QAM	19.07	19.25	19.44	20.00
	50	LOW	64QAM	18.19	18.12	18.20	19.00
		MID	64QAM	18.17	18.18	18.31	19.00
		HIGH	64QAM	18.53	18.19	18.32	19.00
	100	LOW	64QAM	18.10	18.34	18.32	19.00

LTE B7-Level2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.02	20.19	22.00
		MID	QPSK	20.31	20.07	20.03	22.00
		HIGH	QPSK	20.19	20.18	20.31	22.00
	12	LOW	QPSK	20.27	20.37	20.17	21.00
		MID	QPSK	20.21	20.08	20.30	21.00
		HIGH	QPSK	20.31	20.28	20.06	21.00
	25	LOW	QPSK	20.22	20.21	20.40	21.00
5	1	LOW	Q16	20.02	19.93	20.32	21.00
		MID	Q16	20.31	20.06	20.12	21.00
		HIGH	Q16	20.28	20.06	20.37	21.00
	12	LOW	Q16	19.22	19.19	19.36	20.00
		MID	Q16	19.05	19.29	19.19	20.00
		HIGH	Q16	19.11	19.20	19.15	20.00
	25	LOW	Q16	19.26	19.25	19.35	20.00
5	1	LOW	64QAM	19.12	18.99	19.26	20.00
		MID	64QAM	19.13	19.05	19.11	20.00
		HIGH	64QAM	19.12	19.01	19.50	20.00
	12	LOW	64QAM	18.07	18.25	18.35	19.00
		MID	64QAM	18.19	18.42	18.49	19.00
		HIGH	64QAM	18.40	18.33	18.42	19.00
	25	LOW	64QAM	18.28	18.40	18.45	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.21	20.09	20.28	22.00
		MID	QPSK	20.25	20.19	20.04	22.00
		HIGH	QPSK	20.33	20.26	20.25	22.00
	25	LOW	QPSK	20.07	20.33	20.34	21.00
		MID	QPSK	20.16	20.28	20.35	21.00
		HIGH	QPSK	20.32	20.36	20.14	21.00
	50	LOW	QPSK	20.41	20.38	20.44	21.00
10	1	LOW	Q16	20.10	19.97	20.43	21.00
		MID	Q16	20.39	20.06	20.17	21.00
		HIGH	Q16	20.15	20.02	20.32	21.00
	25	LOW	Q16	19.16	19.36	19.12	20.00
		MID	Q16	19.13	19.36	19.26	20.00
		HIGH	Q16	19.33	19.20	19.30	20.00
	50	LOW	Q16	19.14	19.27	19.18	20.00
10	1	LOW	64QAM	19.18	18.90	19.44	20.00
		MID	64QAM	19.38	19.10	18.96	20.00
		HIGH	64QAM	19.18	19.24	19.36	20.00
	25	LOW	64QAM	18.11	18.30	18.33	19.00
		MID	64QAM	18.31	18.32	18.24	19.00
		HIGH	64QAM	18.31	18.05	18.33	19.00
	50	LOW	64QAM	18.27	18.36	18.32	19.00

LTE B7-Level2&3 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.25	20.33	22.00
		MID	QPSK	20.18	20.09	20.15	22.00
		HIGH	QPSK	20.28	20.35	20.29	22.00
	36	LOW	QPSK	20.26	20.18	20.39	21.00
		MID	QPSK	20.24	20.26	20.17	21.00
		HIGH	QPSK	20.21	20.19	20.05	21.00
	75	LOW	QPSK	20.35	20.32	20.25	21.00
15	1	LOW	Q16	20.28	20.17	20.36	21.00
		MID	Q16	20.37	20.08	20.11	21.00
		HIGH	Q16	20.22	20.04	20.54	21.00
	36	LOW	Q16	19.00	19.09	19.33	20.00
		MID	Q16	19.14	19.25	19.21	20.00
		HIGH	Q16	19.22	19.25	19.12	20.00
	75	LOW	Q16	19.27	19.38	19.24	20.00
15	1	LOW	64QAM	19.28	19.13	19.41	20.00
		MID	64QAM	19.32	19.04	19.23	20.00
		HIGH	64QAM	19.08	19.27	19.48	20.00
	36	LOW	64QAM	18.11	18.29	18.38	19.00
		MID	64QAM	18.28	18.20	18.52	19.00
		HIGH	64QAM	18.30	18.32	18.33	19.00
	75	LOW	64QAM	18.28	18.31	18.27	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.16	20.30	22.00
		MID	QPSK	20.23	20.18	20.17	22.00
		HIGH	QPSK	20.24	20.24	20.33	22.00
	50	LOW	QPSK	20.14	20.23	20.25	21.00
		MID	QPSK	20.20	20.22	20.24	21.00
		HIGH	QPSK	20.26	20.21	20.20	21.00
	100	LOW	QPSK	20.29	20.28	20.30	21.00
20	1	LOW	Q16	20.16	20.04	20.34	21.00
		MID	Q16	20.26	20.08	20.10	21.00
		HIGH	Q16	20.16	20.15	20.40	21.00
	50	LOW	Q16	19.04	19.17	19.31	20.00
		MID	Q16	19.27	19.29	19.39	20.00
		HIGH	Q16	19.40	19.18	19.28	20.00
	100	LOW	Q16	19.25	19.42	19.34	20.00
20	1	LOW	64QAM	19.29	19.17	19.38	20.00
		MID	64QAM	19.29	19.11	19.14	20.00
		HIGH	64QAM	19.07	19.25	19.44	20.00
	50	LOW	64QAM	18.19	18.12	18.20	19.00
		MID	64QAM	18.17	18.18	18.31	19.00
		HIGH	64QAM	18.53	18.19	18.32	19.00
	100	LOW	64QAM	18.10	18.34	18.32	19.00

LTE B7-Level4_OFF -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.02	20.19	22.00
		MID	QPSK	20.31	20.07	20.03	22.00
		HIGH	QPSK	20.19	20.18	20.31	22.00
	12	LOW	QPSK	20.27	20.37	20.17	21.00
		MID	QPSK	20.21	20.08	20.30	21.00
		HIGH	QPSK	20.31	20.28	20.06	21.00
	25	LOW	QPSK	20.22	20.21	20.40	21.00
5	1	LOW	Q16	20.02	19.93	20.32	21.00
		MID	Q16	20.31	20.06	20.12	21.00
		HIGH	Q16	20.28	20.06	20.37	21.00
	12	LOW	Q16	19.22	19.19	19.36	20.00
		MID	Q16	19.05	19.29	19.19	20.00
		HIGH	Q16	19.11	19.20	19.15	20.00
	25	LOW	Q16	19.26	19.25	19.35	20.00
5	1	LOW	64QAM	19.12	18.99	19.26	20.00
		MID	64QAM	19.13	19.05	19.11	20.00
		HIGH	64QAM	19.12	19.01	19.50	20.00
	12	LOW	64QAM	18.07	18.25	18.35	19.00
		MID	64QAM	18.19	18.42	18.49	19.00
		HIGH	64QAM	18.40	18.33	18.42	19.00
	25	LOW	64QAM	18.28	18.40	18.45	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.21	20.09	20.28	22.00
		MID	QPSK	20.25	20.19	20.04	22.00
		HIGH	QPSK	20.33	20.26	20.25	22.00
	25	LOW	QPSK	20.07	20.33	20.34	21.00
		MID	QPSK	20.16	20.28	20.35	21.00
		HIGH	QPSK	20.32	20.36	20.14	21.00
	50	LOW	QPSK	20.41	20.38	20.44	21.00
10	1	LOW	Q16	20.10	19.97	20.43	21.00
		MID	Q16	20.39	20.06	20.17	21.00
		HIGH	Q16	20.15	20.02	20.32	21.00
	25	LOW	Q16	19.16	19.36	19.12	20.00
		MID	Q16	19.13	19.36	19.26	20.00
		HIGH	Q16	19.33	19.20	19.30	20.00
	50	LOW	Q16	19.14	19.27	19.18	20.00
10	1	LOW	64QAM	19.18	18.90	19.44	20.00
		MID	64QAM	19.38	19.10	18.96	20.00
		HIGH	64QAM	19.18	19.24	19.36	20.00
	25	LOW	64QAM	18.11	18.30	18.33	19.00
		MID	64QAM	18.31	18.32	18.24	19.00
		HIGH	64QAM	18.31	18.05	18.33	19.00
	50	LOW	64QAM	18.27	18.36	18.32	19.00

LTE B7-Level4_OFF -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.25	20.33	22.00
		MID	QPSK	20.18	20.09	20.15	22.00
		HIGH	QPSK	20.28	20.35	20.29	22.00
	36	LOW	QPSK	20.26	20.18	20.39	21.00
		MID	QPSK	20.24	20.26	20.17	21.00
		HIGH	QPSK	20.21	20.19	20.05	21.00
	75	LOW	QPSK	20.35	20.32	20.25	21.00
15	1	LOW	Q16	20.28	20.17	20.36	21.00
		MID	Q16	20.37	20.08	20.11	21.00
		HIGH	Q16	20.22	20.04	20.54	21.00
	36	LOW	Q16	19.00	19.09	19.33	20.00
		MID	Q16	19.14	19.25	19.21	20.00
		HIGH	Q16	19.22	19.25	19.12	20.00
	75	LOW	Q16	19.27	19.38	19.24	20.00
15	1	LOW	64QAM	19.28	19.13	19.41	20.00
		MID	64QAM	19.32	19.04	19.23	20.00
		HIGH	64QAM	19.08	19.27	19.48	20.00
	36	LOW	64QAM	18.11	18.29	18.38	19.00
		MID	64QAM	18.28	18.20	18.52	19.00
		HIGH	64QAM	18.30	18.32	18.33	19.00
	75	LOW	64QAM	18.28	18.31	18.27	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.16	20.30	22.00
		MID	QPSK	20.23	20.18	20.17	22.00
		HIGH	QPSK	20.24	20.24	20.33	22.00
	50	LOW	QPSK	20.14	20.23	20.25	21.00
		MID	QPSK	20.20	20.22	20.24	21.00
		HIGH	QPSK	20.26	20.21	20.20	21.00
	100	LOW	QPSK	20.29	20.28	20.30	21.00
20	1	LOW	Q16	20.16	20.04	20.34	21.00
		MID	Q16	20.26	20.08	20.10	21.00
		HIGH	Q16	20.16	20.15	20.40	21.00
	50	LOW	Q16	19.04	19.17	19.31	20.00
		MID	Q16	19.27	19.29	19.39	20.00
		HIGH	Q16	19.40	19.18	19.28	20.00
	100	LOW	Q16	19.25	19.42	19.34	20.00
20	1	LOW	64QAM	19.29	19.17	19.38	20.00
		MID	64QAM	19.29	19.11	19.14	20.00
		HIGH	64QAM	19.07	19.25	19.44	20.00
	50	LOW	64QAM	18.19	18.12	18.20	19.00
		MID	64QAM	18.17	18.18	18.31	19.00
		HIGH	64QAM	18.53	18.19	18.32	19.00
	100	LOW	64QAM	18.10	18.34	18.32	19.00

LTE B7-Level4_ON2 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.02	20.19	22.00
		MID	QPSK	20.31	20.07	20.03	22.00
		HIGH	QPSK	20.19	20.18	20.31	22.00
	12	LOW	QPSK	20.27	20.37	20.17	21.00
		MID	QPSK	20.21	20.08	20.30	21.00
		HIGH	QPSK	20.31	20.28	20.06	21.00
	25	LOW	QPSK	20.22	20.21	20.40	21.00
5	1	LOW	Q16	20.02	19.93	20.32	21.00
		MID	Q16	20.31	20.06	20.12	21.00
		HIGH	Q16	20.28	20.06	20.37	21.00
	12	LOW	Q16	19.22	19.19	19.36	20.00
		MID	Q16	19.05	19.29	19.19	20.00
		HIGH	Q16	19.11	19.20	19.15	20.00
	25	LOW	Q16	19.26	19.25	19.35	20.00
5	1	LOW	64QAM	19.12	18.99	19.26	20.00
		MID	64QAM	19.13	19.05	19.11	20.00
		HIGH	64QAM	19.12	19.01	19.50	20.00
	12	LOW	64QAM	18.07	18.25	18.35	19.00
		MID	64QAM	18.19	18.42	18.49	19.00
		HIGH	64QAM	18.40	18.33	18.42	19.00
	25	LOW	64QAM	18.28	18.40	18.45	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.21	20.09	20.28	22.00
		MID	QPSK	20.25	20.19	20.04	22.00
		HIGH	QPSK	20.33	20.26	20.25	22.00
	25	LOW	QPSK	20.07	20.33	20.34	21.00
		MID	QPSK	20.16	20.28	20.35	21.00
		HIGH	QPSK	20.32	20.36	20.14	21.00
	50	LOW	QPSK	20.41	20.38	20.44	21.00
10	1	LOW	Q16	20.10	19.97	20.43	21.00
		MID	Q16	20.39	20.06	20.17	21.00
		HIGH	Q16	20.15	20.02	20.32	21.00
	25	LOW	Q16	19.16	19.36	19.12	20.00
		MID	Q16	19.13	19.36	19.26	20.00
		HIGH	Q16	19.33	19.20	19.30	20.00
	50	LOW	Q16	19.14	19.27	19.18	20.00
10	1	LOW	64QAM	19.18	18.90	19.44	20.00
		MID	64QAM	19.38	19.10	18.96	20.00
		HIGH	64QAM	19.18	19.24	19.36	20.00
	25	LOW	64QAM	18.11	18.30	18.33	19.00
		MID	64QAM	18.31	18.32	18.24	19.00
		HIGH	64QAM	18.31	18.05	18.33	19.00
	50	LOW	64QAM	18.27	18.36	18.32	19.00

LTE B7-Level4_ON2 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.25	20.33	22.00
		MID	QPSK	20.18	20.09	20.15	22.00
		HIGH	QPSK	20.28	20.35	20.29	22.00
	36	LOW	QPSK	20.26	20.18	20.39	21.00
		MID	QPSK	20.24	20.26	20.17	21.00
		HIGH	QPSK	20.21	20.19	20.05	21.00
	75	LOW	QPSK	20.35	20.32	20.25	21.00
15	1	LOW	Q16	20.28	20.17	20.36	21.00
		MID	Q16	20.37	20.08	20.11	21.00
		HIGH	Q16	20.22	20.04	20.54	21.00
	36	LOW	Q16	19.00	19.09	19.33	20.00
		MID	Q16	19.14	19.25	19.21	20.00
		HIGH	Q16	19.22	19.25	19.12	20.00
	75	LOW	Q16	19.27	19.38	19.24	20.00
15	1	LOW	64QAM	19.28	19.13	19.41	20.00
		MID	64QAM	19.32	19.04	19.23	20.00
		HIGH	64QAM	19.08	19.27	19.48	20.00
	36	LOW	64QAM	18.11	18.29	18.38	19.00
		MID	64QAM	18.28	18.20	18.52	19.00
		HIGH	64QAM	18.30	18.32	18.33	19.00
	75	LOW	64QAM	18.28	18.31	18.27	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.16	20.30	22.00
		MID	QPSK	20.23	20.18	20.17	22.00
		HIGH	QPSK	20.24	20.24	20.33	22.00
	50	LOW	QPSK	20.14	20.23	20.25	21.00
		MID	QPSK	20.20	20.22	20.24	21.00
		HIGH	QPSK	20.26	20.21	20.20	21.00
	100	LOW	QPSK	20.29	20.28	20.30	21.00
20	1	LOW	Q16	20.16	20.04	20.34	21.00
		MID	Q16	20.26	20.08	20.10	21.00
		HIGH	Q16	20.16	20.15	20.40	21.00
	50	LOW	Q16	19.04	19.17	19.31	20.00
		MID	Q16	19.27	19.29	19.39	20.00
		HIGH	Q16	19.40	19.18	19.28	20.00
	100	LOW	Q16	19.25	19.42	19.34	20.00
20	1	LOW	64QAM	19.29	19.17	19.38	20.00
		MID	64QAM	19.29	19.11	19.14	20.00
		HIGH	64QAM	19.07	19.25	19.44	20.00
	50	LOW	64QAM	18.19	18.12	18.20	19.00
		MID	64QAM	18.17	18.18	18.31	19.00
		HIGH	64QAM	18.53	18.19	18.32	19.00
	100	LOW	64QAM	18.10	18.34	18.32	19.00

LTE B7-Level5&6_OFF -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.02	20.19	22.00
		MID	QPSK	20.31	20.07	20.03	22.00
		HIGH	QPSK	20.19	20.18	20.31	22.00
	12	LOW	QPSK	20.27	20.37	20.17	21.00
		MID	QPSK	20.21	20.08	20.30	21.00
		HIGH	QPSK	20.31	20.28	20.06	21.00
	25	LOW	QPSK	20.22	20.21	20.40	21.00
5	1	LOW	Q16	20.02	19.93	20.32	21.00
		MID	Q16	20.31	20.06	20.12	21.00
		HIGH	Q16	20.28	20.06	20.37	21.00
	12	LOW	Q16	19.22	19.19	19.36	20.00
		MID	Q16	19.05	19.29	19.19	20.00
		HIGH	Q16	19.11	19.20	19.15	20.00
	25	LOW	Q16	19.26	19.25	19.35	20.00
5	1	LOW	64QAM	19.12	18.99	19.26	20.00
		MID	64QAM	19.13	19.05	19.11	20.00
		HIGH	64QAM	19.12	19.01	19.50	20.00
	12	LOW	64QAM	18.07	18.25	18.35	19.00
		MID	64QAM	18.19	18.42	18.49	19.00
		HIGH	64QAM	18.40	18.33	18.42	19.00
	25	LOW	64QAM	18.28	18.40	18.45	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.21	20.09	20.28	22.00
		MID	QPSK	20.25	20.19	20.04	22.00
		HIGH	QPSK	20.33	20.26	20.25	22.00
	25	LOW	QPSK	20.07	20.33	20.34	21.00
		MID	QPSK	20.16	20.28	20.35	21.00
		HIGH	QPSK	20.32	20.36	20.14	21.00
	50	LOW	QPSK	20.41	20.38	20.44	21.00
10	1	LOW	Q16	20.10	19.97	20.43	21.00
		MID	Q16	20.39	20.06	20.17	21.00
		HIGH	Q16	20.15	20.02	20.32	21.00
	25	LOW	Q16	19.16	19.36	19.12	20.00
		MID	Q16	19.13	19.36	19.26	20.00
		HIGH	Q16	19.33	19.20	19.30	20.00
	50	LOW	Q16	19.14	19.27	19.18	20.00
10	1	LOW	64QAM	19.18	18.90	19.44	20.00
		MID	64QAM	19.38	19.10	18.96	20.00
		HIGH	64QAM	19.18	19.24	19.36	20.00
	25	LOW	64QAM	18.11	18.30	18.33	19.00
		MID	64QAM	18.31	18.32	18.24	19.00
		HIGH	64QAM	18.31	18.05	18.33	19.00
	50	LOW	64QAM	18.27	18.36	18.32	19.00

LTE B7-Level5&6_OFF -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.25	20.33	22.00
		MID	QPSK	20.18	20.09	20.15	22.00
		HIGH	QPSK	20.28	20.35	20.29	22.00
	36	LOW	QPSK	20.26	20.18	20.39	21.00
		MID	QPSK	20.24	20.26	20.17	21.00
		HIGH	QPSK	20.21	20.19	20.05	21.00
	75	LOW	QPSK	20.35	20.32	20.25	21.00
15	1	LOW	Q16	20.28	20.17	20.36	21.00
		MID	Q16	20.37	20.08	20.11	21.00
		HIGH	Q16	20.22	20.04	20.54	21.00
	36	LOW	Q16	19.00	19.09	19.33	20.00
		MID	Q16	19.14	19.25	19.21	20.00
		HIGH	Q16	19.22	19.25	19.12	20.00
	75	LOW	Q16	19.27	19.38	19.24	20.00
15	1	LOW	64QAM	19.28	19.13	19.41	20.00
		MID	64QAM	19.32	19.04	19.23	20.00
		HIGH	64QAM	19.08	19.27	19.48	20.00
	36	LOW	64QAM	18.11	18.29	18.38	19.00
		MID	64QAM	18.28	18.20	18.52	19.00
		HIGH	64QAM	18.30	18.32	18.33	19.00
	75	LOW	64QAM	18.28	18.31	18.27	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.16	20.30	22.00
		MID	QPSK	20.23	20.18	20.17	22.00
		HIGH	QPSK	20.24	20.24	20.33	22.00
	50	LOW	QPSK	20.14	20.23	20.25	21.00
		MID	QPSK	20.20	20.22	20.24	21.00
		HIGH	QPSK	20.26	20.21	20.20	21.00
	100	LOW	QPSK	20.29	20.28	20.30	21.00
20	1	LOW	Q16	20.16	20.04	20.34	21.00
		MID	Q16	20.26	20.08	20.10	21.00
		HIGH	Q16	20.16	20.15	20.40	21.00
	50	LOW	Q16	19.04	19.17	19.31	20.00
		MID	Q16	19.27	19.29	19.39	20.00
		HIGH	Q16	19.40	19.18	19.28	20.00
	100	LOW	Q16	19.25	19.42	19.34	20.00
20	1	LOW	64QAM	19.29	19.17	19.38	20.00
		MID	64QAM	19.29	19.11	19.14	20.00
		HIGH	64QAM	19.07	19.25	19.44	20.00
	50	LOW	64QAM	18.19	18.12	18.20	19.00
		MID	64QAM	18.17	18.18	18.31	19.00
		HIGH	64QAM	18.53	18.19	18.32	19.00
	100	LOW	64QAM	18.10	18.34	18.32	19.00

LTE B7-Level5&6_ON2 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.02	20.19	22.00
		MID	QPSK	20.31	20.07	20.03	22.00
		HIGH	QPSK	20.19	20.18	20.31	22.00
	12	LOW	QPSK	20.27	20.37	20.17	21.00
		MID	QPSK	20.21	20.08	20.30	21.00
		HIGH	QPSK	20.31	20.28	20.06	21.00
	25	LOW	QPSK	20.22	20.21	20.40	21.00
5	1	LOW	Q16	20.02	19.93	20.32	21.00
		MID	Q16	20.31	20.06	20.12	21.00
		HIGH	Q16	20.28	20.06	20.37	21.00
	12	LOW	Q16	19.22	19.19	19.36	20.00
		MID	Q16	19.05	19.29	19.19	20.00
		HIGH	Q16	19.11	19.20	19.15	20.00
	25	LOW	Q16	19.26	19.25	19.35	20.00
5	1	LOW	64QAM	19.12	18.99	19.26	20.00
		MID	64QAM	19.13	19.05	19.11	20.00
		HIGH	64QAM	19.12	19.01	19.50	20.00
	12	LOW	64QAM	18.07	18.25	18.35	19.00
		MID	64QAM	18.19	18.42	18.49	19.00
		HIGH	64QAM	18.40	18.33	18.42	19.00
	25	LOW	64QAM	18.28	18.40	18.45	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.21	20.09	20.28	22.00
		MID	QPSK	20.25	20.19	20.04	22.00
		HIGH	QPSK	20.33	20.26	20.25	22.00
	25	LOW	QPSK	20.07	20.33	20.34	21.00
		MID	QPSK	20.16	20.28	20.35	21.00
		HIGH	QPSK	20.32	20.36	20.14	21.00
	50	LOW	QPSK	20.41	20.38	20.44	21.00
10	1	LOW	Q16	20.10	19.97	20.43	21.00
		MID	Q16	20.39	20.06	20.17	21.00
		HIGH	Q16	20.15	20.02	20.32	21.00
	25	LOW	Q16	19.16	19.36	19.12	20.00
		MID	Q16	19.13	19.36	19.26	20.00
		HIGH	Q16	19.33	19.20	19.30	20.00
	50	LOW	Q16	19.14	19.27	19.18	20.00
10	1	LOW	64QAM	19.18	18.90	19.44	20.00
		MID	64QAM	19.38	19.10	18.96	20.00
		HIGH	64QAM	19.18	19.24	19.36	20.00
	25	LOW	64QAM	18.11	18.30	18.33	19.00
		MID	64QAM	18.31	18.32	18.24	19.00
		HIGH	64QAM	18.31	18.05	18.33	19.00
	50	LOW	64QAM	18.27	18.36	18.32	19.00

LTE B7-Level5&6_ON2 -Ant.3							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.25	20.33	22.00
		MID	QPSK	20.18	20.09	20.15	22.00
		HIGH	QPSK	20.28	20.35	20.29	22.00
	36	LOW	QPSK	20.26	20.18	20.39	21.00
		MID	QPSK	20.24	20.26	20.17	21.00
		HIGH	QPSK	20.21	20.19	20.05	21.00
	75	LOW	QPSK	20.35	20.32	20.25	21.00
15	1	LOW	Q16	20.28	20.17	20.36	21.00
		MID	Q16	20.37	20.08	20.11	21.00
		HIGH	Q16	20.22	20.04	20.54	21.00
	36	LOW	Q16	19.00	19.09	19.33	20.00
		MID	Q16	19.14	19.25	19.21	20.00
		HIGH	Q16	19.22	19.25	19.12	20.00
	75	LOW	Q16	19.27	19.38	19.24	20.00
15	1	LOW	64QAM	19.28	19.13	19.41	20.00
		MID	64QAM	19.32	19.04	19.23	20.00
		HIGH	64QAM	19.08	19.27	19.48	20.00
	36	LOW	64QAM	18.11	18.29	18.38	19.00
		MID	64QAM	18.28	18.20	18.52	19.00
		HIGH	64QAM	18.30	18.32	18.33	19.00
	75	LOW	64QAM	18.28	18.31	18.27	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.16	20.30	22.00
		MID	QPSK	20.23	20.18	20.17	22.00
		HIGH	QPSK	20.24	20.24	20.33	22.00
	50	LOW	QPSK	20.14	20.23	20.25	21.00
		MID	QPSK	20.20	20.22	20.24	21.00
		HIGH	QPSK	20.26	20.21	20.20	21.00
	100	LOW	QPSK	20.29	20.28	20.30	21.00
20	1	LOW	Q16	20.16	20.04	20.34	21.00
		MID	Q16	20.26	20.08	20.10	21.00
		HIGH	Q16	20.16	20.15	20.40	21.00
	50	LOW	Q16	19.04	19.17	19.31	20.00
		MID	Q16	19.27	19.29	19.39	20.00
		HIGH	Q16	19.40	19.18	19.28	20.00
	100	LOW	Q16	19.25	19.42	19.34	20.00
20	1	LOW	64QAM	19.29	19.17	19.38	20.00
		MID	64QAM	19.29	19.11	19.14	20.00
		HIGH	64QAM	19.07	19.25	19.44	20.00
	50	LOW	64QAM	18.19	18.12	18.20	19.00
		MID	64QAM	18.17	18.18	18.31	19.00
		HIGH	64QAM	18.53	18.19	18.32	19.00
	100	LOW	64QAM	18.10	18.34	18.32	19.00

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.68	22.68	22.73	23.20
		MID	QPSK	22.71	22.69	22.75	23.20
		HIGH	QPSK	22.70	22.70	22.77	23.20
	12	LOW	QPSK	21.60	21.67	21.78	22.20
		MID	QPSK	21.53	21.66	21.75	22.20
		HIGH	QPSK	21.55	21.59	21.73	22.20
	25	LOW	QPSK	21.56	21.66	21.75	22.20
5	1	LOW	Q16	21.85	22.18	21.77	22.20
		MID	Q16	21.79	22.20	21.74	22.20
		HIGH	Q16	21.81	22.20	21.74	22.20
	12	LOW	Q16	20.64	20.81	20.83	21.20
		MID	Q16	20.62	20.75	20.79	21.20
		HIGH	Q16	20.63	20.74	20.77	21.20
	25	LOW	Q16	20.61	20.68	20.71	21.20
5	1	LOW	64QAM	20.81	21.11	20.76	21.20
		MID	64QAM	20.82	20.88	20.63	21.20
		HIGH	64QAM	20.80	21.09	20.75	21.20
	12	LOW	64QAM	19.51	19.82	19.91	20.20
		MID	64QAM	19.72	19.66	19.87	20.20
		HIGH	64QAM	19.78	19.69	19.72	20.20
	25	LOW	64QAM	19.48	19.81	19.82	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.56	22.67	22.61	23.20
		MID	QPSK	22.55	22.66	22.70	23.20
		HIGH	QPSK	22.55	22.67	22.72	23.20
	25	LOW	QPSK	21.53	21.70	21.73	22.20
		MID	QPSK	21.55	21.67	21.75	22.20
		HIGH	QPSK	21.61	21.68	21.82	22.20
	50	LOW	QPSK	21.59	21.72	21.77	22.20
10	1	LOW	Q16	21.50	22.04	21.67	22.20
		MID	Q16	21.47	22.03	21.73	22.20
		HIGH	Q16	21.47	22.03	21.71	22.20
	25	LOW	Q16	20.57	20.73	20.83	21.20
		MID	Q16	20.60	20.70	20.86	21.20
		HIGH	Q16	20.65	20.76	20.89	21.20
	50	LOW	Q16	20.54	20.69	20.77	21.20
10	1	LOW	64QAM	20.49	21.08	20.73	21.20
		MID	64QAM	20.37	20.90	20.82	21.20
		HIGH	64QAM	20.42	21.05	20.60	21.20
	25	LOW	64QAM	19.43	19.65	19.77	20.20
		MID	64QAM	19.54	19.76	19.87	20.20
		HIGH	64QAM	19.76	19.72	19.96	20.20
	50	LOW	64QAM	19.61	19.54	19.69	20.20

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.53	23.20
		MID	QPSK	22.51	22.64	22.64	23.20
		HIGH	QPSK	22.47	22.62	22.62	23.20
	36	LOW	QPSK	21.50	21.67	21.67	22.20
		MID	QPSK	21.49	21.67	21.69	22.20
		HIGH	QPSK	21.52	21.60	21.75	22.20
	75	LOW	QPSK	21.50	21.64	21.69	22.20
15	1	LOW	Q16	21.44	21.96	22.03	22.20
		MID	Q16	21.44	22.05	22.08	22.20
		HIGH	Q16	21.40	21.96	21.99	22.20
	36	LOW	Q16	20.48	20.72	20.68	21.20
		MID	Q16	20.50	20.71	20.68	21.20
		HIGH	Q16	20.54	20.67	20.75	21.20
	75	LOW	Q16	20.48	20.63	20.65	21.20
15	1	LOW	64QAM	20.30	21.10	21.04	21.20
		MID	64QAM	20.41	20.91	20.94	21.20
		HIGH	64QAM	20.30	21.07	20.98	21.20
	36	LOW	64QAM	19.57	19.79	19.66	20.20
		MID	64QAM	19.63	19.72	19.54	20.20
		HIGH	64QAM	19.57	19.52	19.69	20.20
	75	LOW	64QAM	19.57	19.61	19.76	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.45	22.52	22.48	23.20
		MID	QPSK	22.52	22.67	22.65	23.20
		HIGH	QPSK	22.45	22.65	22.63	23.20
	50	LOW	QPSK	21.44	21.68	21.77	22.20
		MID	QPSK	21.60	21.71	21.74	22.20
		HIGH	QPSK	21.58	21.67	21.76	22.20
	100	LOW	QPSK	21.54	21.64	21.72	22.20
20	1	LOW	Q16	22.05	21.98	21.95	22.20
		MID	Q16	22.08	22.13	22.10	22.20
		HIGH	Q16	22.02	22.07	22.10	22.20
	50	LOW	Q16	20.47	20.68	20.70	21.20
		MID	Q16	20.59	20.75	20.70	21.20
		HIGH	Q16	20.55	20.67	20.73	21.20
	100	LOW	Q16	20.52	20.64	20.68	21.20
20	1	LOW	64QAM	21.13	20.91	21.06	21.20
		MID	64QAM	21.16	21.00	21.01	21.20
		HIGH	64QAM	21.00	21.02	21.17	21.20
	50	LOW	64QAM	19.41	19.69	19.70	20.20
		MID	64QAM	19.62	19.65	19.57	20.20
		HIGH	64QAM	19.67	19.61	19.65	20.20
	100	LOW	64QAM	19.40	19.66	19.68	20.20

LTE B7-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.18	15.33	15.42	15.70
		MID	QPSK	15.05	15.30	15.42	15.70
		HIGH	QPSK	15.16	15.38	15.36	15.70
	12	LOW	QPSK	15.25	15.47	15.59	15.70
		MID	QPSK	15.28	15.40	15.50	15.70
		HIGH	QPSK	15.26	15.43	15.37	15.70
	25	LOW	QPSK	15.13	15.45	15.33	15.70
5	1	LOW	Q16	15.19	15.31	15.38	15.70
		MID	Q16	15.06	15.26	15.40	15.70
		HIGH	Q16	15.21	15.12	15.48	15.70
	12	LOW	Q16	15.20	15.23	15.34	15.70
		MID	Q16	15.28	15.14	15.61	15.70
		HIGH	Q16	15.04	15.31	15.29	15.70
	25	LOW	Q16	14.76	15.52	15.20	15.70
5	1	LOW	64QAM	15.25	15.27	15.45	15.70
		MID	64QAM	14.88	15.47	15.58	15.70
		HIGH	64QAM	15.35	15.25	15.45	15.70
	12	LOW	64QAM	14.97	15.44	15.52	15.70
		MID	64QAM	15.29	15.47	15.51	15.70
		HIGH	64QAM	15.01	15.33	15.40	15.70
	25	LOW	64QAM	14.98	15.62	15.45	15.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.29	15.24	15.46	15.70
		MID	QPSK	14.96	15.46	15.44	15.70
		HIGH	QPSK	15.03	15.29	15.25	15.70
	25	LOW	QPSK	15.11	15.54	15.49	15.70
		MID	QPSK	15.41	15.42	15.42	15.70
		HIGH	QPSK	15.18	15.29	15.34	15.70
	50	LOW	QPSK	14.93	15.42	15.17	15.70
10	1	LOW	Q16	15.16	15.32	15.45	15.70
		MID	Q16	15.00	15.49	15.43	15.70
		HIGH	Q16	14.99	15.27	15.49	15.70
	25	LOW	Q16	14.97	15.42	15.50	15.70
		MID	Q16	15.27	15.25	15.58	15.70
		HIGH	Q16	14.91	15.11	15.30	15.70
	50	LOW	Q16	14.97	15.62	15.20	15.70
10	1	LOW	64QAM	15.37	15.02	15.59	15.70
		MID	64QAM	14.88	15.42	15.62	15.70
		HIGH	64QAM	15.24	15.42	15.54	15.70
	25	LOW	64QAM	15.22	15.31	15.55	15.70
		MID	64QAM	15.07	15.46	15.32	15.70
		HIGH	64QAM	14.92	15.29	15.55	15.70
	50	LOW	64QAM	14.86	15.43	15.31	15.70

LTE B7-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.28	15.25	15.33	15.70
		MID	QPSK	14.91	15.35	15.34	15.70
		HIGH	QPSK	15.22	15.22	15.15	15.70
	36	LOW	QPSK	15.13	15.39	15.67	15.70
		MID	QPSK	15.34	15.25	15.57	15.70
		HIGH	QPSK	15.12	15.44	15.27	15.70
	75	LOW	QPSK	14.89	15.59	15.19	15.70
15	1	LOW	Q16	14.99	15.35	15.46	15.70
		MID	Q16	15.06	15.36	15.21	15.70
		HIGH	Q16	14.97	15.23	15.53	15.70
	36	LOW	Q16	15.23	15.23	15.40	15.70
		MID	Q16	15.41	15.22	15.55	15.70
		HIGH	Q16	15.05	15.20	15.37	15.70
	75	LOW	Q16	14.97	15.60	15.28	15.70
15	1	LOW	64QAM	15.37	15.16	15.50	15.70
		MID	64QAM	14.94	15.43	15.48	15.70
		HIGH	64QAM	15.25	15.36	15.43	15.70
	36	LOW	64QAM	15.07	15.25	15.50	15.70
		MID	64QAM	15.00	15.46	15.49	15.70
		HIGH	64QAM	15.06	15.21	15.51	15.70
	75	LOW	64QAM	15.14	15.52	15.40	15.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.19	15.31	15.42	15.70
		MID	QPSK	15.04	15.40	15.47	15.70
		HIGH	QPSK	15.16	15.34	15.30	15.70
	50	LOW	QPSK	15.11	15.43	15.54	15.70
		MID	QPSK	15.28	15.34	15.51	15.70
		HIGH	QPSK	15.16	15.32	15.34	15.70
	100	LOW	QPSK	15.04	15.45	15.28	15.70
20	1	LOW	Q16	15.04	15.27	15.48	15.70
		MID	Q16	14.92	15.41	15.34	15.70
		HIGH	Q16	15.09	15.24	15.39	15.70
	50	LOW	Q16	15.11	15.33	15.47	15.70
		MID	Q16	15.39	15.19	15.61	15.70
		HIGH	Q16	15.04	15.20	15.42	15.70
	100	LOW	Q16	14.89	15.49	15.29	15.70
20	1	LOW	64QAM	15.34	15.16	15.44	15.70
		MID	64QAM	15.01	15.49	15.47	15.70
		HIGH	64QAM	15.31	15.39	15.45	15.70
	50	LOW	64QAM	15.07	15.32	15.45	15.70
		MID	64QAM	15.15	15.49	15.47	15.70
		HIGH	64QAM	15.05	15.31	15.45	15.70
	100	LOW	64QAM	15.00	15.57	15.41	15.70

LTE B7-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	14.41	14.48	14.57	15.2
		MID	QPSK	14.48	14.38	14.69	15.2
		HIGH	QPSK	14.51	14.48	14.41	15.2
	12	LOW	QPSK	14.60	14.35	14.49	15.2
		MID	QPSK	14.41	14.36	14.62	15.2
		HIGH	QPSK	14.41	14.29	14.57	15.2
	25	LOW	QPSK	14.27	14.57	14.39	15.2
5	1	LOW	Q16	14.58	14.33	14.30	15.2
		MID	Q16	14.60	14.28	14.38	15.2
		HIGH	Q16	14.64	14.61	14.19	15.2
	12	LOW	Q16	14.48	14.38	14.19	15.2
		MID	Q16	14.30	14.35	14.63	15.2
		HIGH	Q16	14.60	14.52	14.64	15.2
	25	LOW	Q16	14.37	14.37	14.36	15.2
5	1	LOW	64QAM	14.59	14.48	14.34	15.2
		MID	64QAM	14.39	14.45	14.43	15.2
		HIGH	64QAM	14.67	14.52	14.50	15.2
	12	LOW	64QAM	14.88	14.38	14.46	15.2
		MID	64QAM	14.41	14.31	14.79	15.2
		HIGH	64QAM	14.46	14.35	14.61	15.2
	25	LOW	64QAM	14.40	14.46	14.45	15.2
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	14.40	14.39	14.36	15.20
		MID	QPSK	14.58	14.49	14.58	15.20
		HIGH	QPSK	14.48	14.58	14.45	15.20
	25	LOW	QPSK	14.50	14.48	14.47	15.20
		MID	QPSK	14.35	14.49	14.70	15.20
		HIGH	QPSK	14.52	14.36	14.49	15.20
50	LOW	QPSK	14.24	14.64	14.51	15.20	
10	1	LOW	Q16	14.60	14.22	14.27	15.20
		MID	Q16	14.58	14.33	14.54	15.20
		HIGH	Q16	14.50	14.56	14.35	15.20
	25	LOW	Q16	14.48	14.23	14.34	15.20
		MID	Q16	14.38	14.41	14.58	15.20
		HIGH	Q16	14.57	14.41	14.47	15.20
50	LOW	Q16	14.40	14.33	14.33	15.20	
10	1	LOW	64QAM	14.45	14.19	14.46	15.20
		MID	64QAM	14.56	14.53	14.45	15.20
		HIGH	64QAM	14.75	14.50	14.43	15.20
	25	LOW	64QAM	14.86	14.41	14.42	15.20
		MID	64QAM	14.37	14.31	14.60	15.20
		HIGH	64QAM	14.45	14.34	14.64	15.20
	50	LOW	64QAM	14.33	14.38	14.41	15.20

LTE B7-Level2&3-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.55	14.42	14.59	15.20
		MID	QPSK	14.74	14.57	14.60	15.20
		HIGH	QPSK	14.63	14.44	14.41	15.20
	36	LOW	QPSK	14.59	14.29	14.46	15.20
		MID	QPSK	14.47	14.43	14.41	15.20
		HIGH	QPSK	14.32	14.38	14.52	15.20
	75	LOW	QPSK	14.32	14.60	14.50	15.20
15	1	LOW	Q16	14.62	14.15	14.43	15.20
		MID	Q16	14.55	14.18	14.45	15.20
		HIGH	Q16	14.50	14.57	14.39	15.20
	36	LOW	Q16	14.68	14.30	14.39	15.20
		MID	Q16	14.50	14.29	14.59	15.20
		HIGH	Q16	14.49	14.57	14.36	15.20
	75	LOW	Q16	14.42	14.50	14.28	15.20
15	1	LOW	64QAM	14.44	14.44	14.34	15.20
		MID	64QAM	14.57	14.35	14.37	15.20
		HIGH	64QAM	14.51	14.44	14.36	15.20
	36	LOW	64QAM	14.68	14.66	14.35	15.20
		MID	64QAM	14.28	14.28	14.64	15.20
		HIGH	64QAM	14.34	14.24	14.40	15.20
	75	LOW	64QAM	14.13	14.43	14.56	15.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	14.50	14.38	14.44	15.20
		MID	QPSK	14.63	14.47	14.64	15.20
		HIGH	QPSK	14.60	14.49	14.36	15.20
	50	LOW	QPSK	14.63	14.43	14.42	15.20
		MID	QPSK	14.38	14.45	14.65	15.20
		HIGH	QPSK	14.41	14.37	14.49	15.20
	100	LOW	QPSK	14.39	14.52	14.39	15.20
20	1	LOW	Q16	14.60	14.30	14.39	15.20
		MID	Q16	14.63	14.32	14.48	15.20
		HIGH	Q16	14.49	14.62	14.34	15.20
	50	LOW	Q16	14.54	14.28	14.28	15.20
		MID	Q16	14.42	14.39	14.49	15.20
		HIGH	Q16	14.49	14.45	14.51	15.20
	100	LOW	Q16	14.29	14.38	14.24	15.20
20	1	LOW	64QAM	14.55	14.33	14.41	15.20
		MID	64QAM	14.49	14.39	14.47	15.20
		HIGH	64QAM	14.63	14.45	14.41	15.20
	50	LOW	64QAM	14.75	14.53	14.43	15.20
		MID	64QAM	14.27	14.41	14.68	15.20
		HIGH	64QAM	14.47	14.28	14.55	15.20
	100	LOW	64QAM	14.26	14.46	14.45	15.20

LTE B7-Level4_OFF-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	23.20
		MID	QPSK	22.36	22.28	22.36	23.20
		HIGH	QPSK	22.44	22.33	22.36	23.20
	12	LOW	QPSK	21.40	21.37	21.40	22.20
		MID	QPSK	21.34	21.31	21.37	22.20
		HIGH	QPSK	21.37	21.27	21.33	22.20
	25	LOW	QPSK	21.32	21.34	21.37	22.20
5	1	LOW	Q16	21.62	21.83	21.34	22.20
		MID	Q16	21.56	21.84	21.37	22.20
		HIGH	Q16	21.58	21.81	21.34	22.20
	12	LOW	Q16	20.48	20.52	20.47	21.20
		MID	Q16	20.41	20.44	20.44	21.20
		HIGH	Q16	20.39	20.46	20.42	21.20
	25	LOW	Q16	20.41	20.44	20.35	21.20
5	1	LOW	64QAM	20.59	20.68	20.32	21.20
		MID	64QAM	20.65	20.82	20.51	21.20
		HIGH	64QAM	20.55	20.86	20.46	21.20
	12	LOW	64QAM	19.53	19.45	19.55	20.20
		MID	64QAM	19.26	19.52	19.59	20.20
		HIGH	64QAM	19.32	19.50	19.57	20.20
	25	LOW	64QAM	19.31	19.34	19.29	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	23.20
		MID	QPSK	22.28	22.31	22.29	23.20
		HIGH	QPSK	22.28	22.28	22.28	23.20
	25	LOW	QPSK	21.33	21.39	21.35	22.20
		MID	QPSK	21.34	21.34	21.37	22.20
		HIGH	QPSK	21.37	21.38	21.42	22.20
	50	LOW	QPSK	21.33	21.41	21.41	22.20
10	1	LOW	Q16	21.26	21.65	21.29	22.20
		MID	Q16	21.21	21.64	21.33	22.20
		HIGH	Q16	21.21	21.61	21.33	22.20
	25	LOW	Q16	20.36	20.42	20.47	21.20
		MID	Q16	20.38	20.38	20.51	21.20
		HIGH	Q16	20.42	20.41	20.56	21.20
	50	LOW	Q16	20.35	20.41	20.44	21.20
10	1	LOW	64QAM	20.20	20.65	20.31	21.20
		MID	64QAM	20.18	20.52	20.44	21.20
		HIGH	64QAM	20.08	20.50	20.25	21.20
	25	LOW	64QAM	19.42	19.42	19.52	20.20
		MID	64QAM	19.38	19.41	19.36	20.20
		HIGH	64QAM	19.51	19.43	19.44	20.20
	50	LOW	64QAM	19.44	19.54	19.31	20.20

LTE B7-Level4_OFF-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	23.20
		MID	QPSK	22.27	22.31	22.26	23.20
		HIGH	QPSK	22.22	22.23	22.25	23.20
	36	LOW	QPSK	21.29	21.37	21.35	22.20
		MID	QPSK	21.26	21.38	21.39	22.20
		HIGH	QPSK	21.29	21.32	21.43	22.20
	75	LOW	QPSK	21.31	21.37	21.38	22.20
15	1	LOW	Q16	21.20	21.64	21.72	22.20
		MID	Q16	21.23	21.70	21.71	22.20
		HIGH	Q16	21.14	21.61	21.63	22.20
	36	LOW	Q16	20.32	20.47	20.33	21.20
		MID	Q16	20.30	20.43	20.39	21.20
		HIGH	Q16	20.32	20.39	20.40	21.20
	75	LOW	Q16	20.30	20.37	20.35	21.20
15	1	LOW	64QAM	20.14	20.52	20.64	21.20
		MID	64QAM	20.25	20.73	20.63	21.20
		HIGH	64QAM	20.23	20.56	20.60	21.20
	36	LOW	64QAM	19.43	19.55	19.39	20.20
		MID	64QAM	19.39	19.57	19.46	20.20
		HIGH	64QAM	19.29	19.44	19.30	20.20
	75	LOW	64QAM	19.28	19.41	19.30	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	23.20
		MID	QPSK	22.25	22.34	22.25	23.20
		HIGH	QPSK	22.21	22.27	22.26	23.20
	50	LOW	QPSK	21.31	21.38	21.39	22.20
		MID	QPSK	21.39	21.43	21.42	22.20
		HIGH	QPSK	21.35	21.35	21.43	22.20
	100	LOW	QPSK	21.34	21.35	21.36	22.20
20	1	LOW	Q16	21.82	21.67	21.60	22.20
		MID	Q16	21.87	21.77	21.72	22.20
		HIGH	Q16	21.71	21.68	21.72	22.20
	50	LOW	Q16	20.30	20.39	20.36	21.20
		MID	Q16	20.33	20.42	20.34	21.20
		HIGH	Q16	20.35	20.31	20.39	21.20
	100	LOW	Q16	20.34	20.33	20.35	21.20
20	1	LOW	64QAM	20.93	20.66	20.68	21.20
		MID	64QAM	20.90	20.68	20.65	21.20
		HIGH	64QAM	20.59	20.78	20.75	21.20
	50	LOW	64QAM	19.36	19.25	19.40	20.20
		MID	64QAM	19.43	19.42	19.28	20.20
		HIGH	64QAM	19.49	19.18	19.35	20.20
	100	LOW	64QAM	19.37	19.32	19.36	20.20

LTE B7-Level4_ON2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	23.20
		MID	QPSK	22.36	22.28	22.36	23.20
		HIGH	QPSK	22.44	22.33	22.36	23.20
	12	LOW	QPSK	21.40	21.37	21.40	22.20
		MID	QPSK	21.34	21.31	21.37	22.20
		HIGH	QPSK	21.37	21.27	21.33	22.20
	25	LOW	QPSK	21.32	21.34	21.37	22.20
5	1	LOW	Q16	21.62	21.83	21.34	22.20
		MID	Q16	21.56	21.84	21.37	22.20
		HIGH	Q16	21.58	21.81	21.34	22.20
	12	LOW	Q16	20.48	20.52	20.47	21.20
		MID	Q16	20.41	20.44	20.44	21.20
		HIGH	Q16	20.39	20.46	20.42	21.20
	25	LOW	Q16	20.41	20.44	20.35	21.20
5	1	LOW	64QAM	20.59	20.68	20.32	21.20
		MID	64QAM	20.65	20.82	20.51	21.20
		HIGH	64QAM	20.55	20.86	20.46	21.20
	12	LOW	64QAM	19.53	19.45	19.55	20.20
		MID	64QAM	19.26	19.52	19.59	20.20
		HIGH	64QAM	19.32	19.50	19.57	20.20
	25	LOW	64QAM	19.31	19.34	19.29	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	23.20
		MID	QPSK	22.28	22.31	22.29	23.20
		HIGH	QPSK	22.28	22.28	22.28	23.20
	25	LOW	QPSK	21.33	21.39	21.35	22.20
		MID	QPSK	21.34	21.34	21.37	22.20
		HIGH	QPSK	21.37	21.38	21.42	22.20
	50	LOW	QPSK	21.33	21.41	21.41	22.20
10	1	LOW	Q16	21.26	21.65	21.29	22.20
		MID	Q16	21.21	21.64	21.33	22.20
		HIGH	Q16	21.21	21.61	21.33	22.20
	25	LOW	Q16	20.36	20.42	20.47	21.20
		MID	Q16	20.38	20.38	20.51	21.20
		HIGH	Q16	20.42	20.41	20.56	21.20
	50	LOW	Q16	20.35	20.41	20.44	21.20
10	1	LOW	64QAM	20.20	20.65	20.31	21.20
		MID	64QAM	20.18	20.52	20.44	21.20
		HIGH	64QAM	20.08	20.50	20.25	21.20
	25	LOW	64QAM	19.42	19.42	19.52	20.20
		MID	64QAM	19.38	19.41	19.36	20.20
		HIGH	64QAM	19.51	19.43	19.44	20.20
	50	LOW	64QAM	19.44	19.54	19.31	20.20

LTE B7-Level4_ON2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	23.20
		MID	QPSK	22.27	22.31	22.26	23.20
		HIGH	QPSK	22.22	22.23	22.25	23.20
	36	LOW	QPSK	21.29	21.37	21.35	22.20
		MID	QPSK	21.26	21.38	21.39	22.20
		HIGH	QPSK	21.29	21.32	21.43	22.20
	75	LOW	QPSK	21.31	21.37	21.38	22.20
15	1	LOW	Q16	21.20	21.64	21.72	22.20
		MID	Q16	21.23	21.70	21.71	22.20
		HIGH	Q16	21.14	21.61	21.63	22.20
	36	LOW	Q16	20.32	20.47	20.33	21.20
		MID	Q16	20.30	20.43	20.39	21.20
		HIGH	Q16	20.32	20.39	20.40	21.20
	75	LOW	Q16	20.30	20.37	20.35	21.20
15	1	LOW	64QAM	20.14	20.52	20.64	21.20
		MID	64QAM	20.25	20.73	20.63	21.20
		HIGH	64QAM	20.23	20.56	20.60	21.20
	36	LOW	64QAM	19.43	19.55	19.39	20.20
		MID	64QAM	19.39	19.57	19.46	20.20
		HIGH	64QAM	19.29	19.44	19.30	20.20
	75	LOW	64QAM	19.28	19.41	19.30	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	23.20
		MID	QPSK	22.25	22.34	22.25	23.20
		HIGH	QPSK	22.21	22.27	22.26	23.20
	50	LOW	QPSK	21.31	21.38	21.39	22.20
		MID	QPSK	21.39	21.43	21.42	22.20
		HIGH	QPSK	21.35	21.35	21.43	22.20
	100	LOW	QPSK	21.34	21.35	21.36	22.20
20	1	LOW	Q16	21.82	21.67	21.60	22.20
		MID	Q16	21.87	21.77	21.72	22.20
		HIGH	Q16	21.71	21.68	21.72	22.20
	50	LOW	Q16	20.30	20.39	20.36	21.20
		MID	Q16	20.33	20.42	20.34	21.20
		HIGH	Q16	20.35	20.31	20.39	21.20
	100	LOW	Q16	20.34	20.33	20.35	21.20
20	1	LOW	64QAM	20.93	20.66	20.68	21.20
		MID	64QAM	20.90	20.68	20.65	21.20
		HIGH	64QAM	20.59	20.78	20.75	21.20
	50	LOW	64QAM	19.36	19.25	19.40	20.20
		MID	64QAM	19.43	19.42	19.28	20.20
		HIGH	64QAM	19.49	19.18	19.35	20.20
	100	LOW	64QAM	19.37	19.32	19.36	20.20

LTE B7-Level5&6_OFF-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	23.20
		MID	QPSK	22.36	22.28	22.36	23.20
		HIGH	QPSK	22.44	22.33	22.36	23.20
	12	LOW	QPSK	21.40	21.37	21.40	22.20
		MID	QPSK	21.34	21.31	21.37	22.20
		HIGH	QPSK	21.37	21.27	21.33	22.20
	25	LOW	QPSK	21.32	21.34	21.37	22.20
5	1	LOW	Q16	21.62	21.83	21.34	22.20
		MID	Q16	21.56	21.84	21.37	22.20
		HIGH	Q16	21.58	21.81	21.34	22.20
	12	LOW	Q16	20.48	20.52	20.47	21.20
		MID	Q16	20.41	20.44	20.44	21.20
		HIGH	Q16	20.39	20.46	20.42	21.20
	25	LOW	Q16	20.41	20.44	20.35	21.20
5	1	LOW	64QAM	20.59	20.68	20.32	21.20
		MID	64QAM	20.65	20.82	20.51	21.20
		HIGH	64QAM	20.55	20.86	20.46	21.20
	12	LOW	64QAM	19.53	19.45	19.55	20.20
		MID	64QAM	19.26	19.52	19.59	20.20
		HIGH	64QAM	19.32	19.50	19.57	20.20
	25	LOW	64QAM	19.31	19.34	19.29	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	23.20
		MID	QPSK	22.28	22.31	22.29	23.20
		HIGH	QPSK	22.28	22.28	22.28	23.20
	25	LOW	QPSK	21.33	21.39	21.35	22.20
		MID	QPSK	21.34	21.34	21.37	22.20
		HIGH	QPSK	21.37	21.38	21.42	22.20
	50	LOW	QPSK	21.33	21.41	21.41	22.20
10	1	LOW	Q16	21.26	21.65	21.29	22.20
		MID	Q16	21.21	21.64	21.33	22.20
		HIGH	Q16	21.21	21.61	21.33	22.20
	25	LOW	Q16	20.36	20.42	20.47	21.20
		MID	Q16	20.38	20.38	20.51	21.20
		HIGH	Q16	20.42	20.41	20.56	21.20
	50	LOW	Q16	20.35	20.41	20.44	21.20
10	1	LOW	64QAM	20.20	20.65	20.31	21.20
		MID	64QAM	20.18	20.52	20.44	21.20
		HIGH	64QAM	20.08	20.50	20.25	21.20
	25	LOW	64QAM	19.42	19.42	19.52	20.20
		MID	64QAM	19.38	19.41	19.36	20.20
		HIGH	64QAM	19.51	19.43	19.44	20.20
	50	LOW	64QAM	19.44	19.54	19.31	20.20

LTE B7-Level5&6_OFF-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	23.20
		MID	QPSK	22.27	22.31	22.26	23.20
		HIGH	QPSK	22.22	22.23	22.25	23.20
	36	LOW	QPSK	21.29	21.37	21.35	22.20
		MID	QPSK	21.26	21.38	21.39	22.20
		HIGH	QPSK	21.29	21.32	21.43	22.20
	75	LOW	QPSK	21.31	21.37	21.38	22.20
15	1	LOW	Q16	21.20	21.64	21.72	22.20
		MID	Q16	21.23	21.70	21.71	22.20
		HIGH	Q16	21.14	21.61	21.63	22.20
	36	LOW	Q16	20.32	20.47	20.33	21.20
		MID	Q16	20.30	20.43	20.39	21.20
		HIGH	Q16	20.32	20.39	20.40	21.20
	75	LOW	Q16	20.30	20.37	20.35	21.20
15	1	LOW	64QAM	20.14	20.52	20.64	21.20
		MID	64QAM	20.25	20.73	20.63	21.20
		HIGH	64QAM	20.23	20.56	20.60	21.20
	36	LOW	64QAM	19.43	19.55	19.39	20.20
		MID	64QAM	19.39	19.57	19.46	20.20
		HIGH	64QAM	19.29	19.44	19.30	20.20
	75	LOW	64QAM	19.28	19.41	19.30	20.20
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	23.20
		MID	QPSK	22.25	22.34	22.25	23.20
		HIGH	QPSK	22.21	22.27	22.26	23.20
	50	LOW	QPSK	21.31	21.38	21.39	22.20
		MID	QPSK	21.39	21.43	21.42	22.20
		HIGH	QPSK	21.35	21.35	21.43	22.20
	100	LOW	QPSK	21.34	21.35	21.36	22.20
20	1	LOW	Q16	21.82	21.67	21.60	22.20
		MID	Q16	21.87	21.77	21.72	22.20
		HIGH	Q16	21.71	21.68	21.72	22.20
	50	LOW	Q16	20.30	20.39	20.36	21.20
		MID	Q16	20.33	20.42	20.34	21.20
		HIGH	Q16	20.35	20.31	20.39	21.20
	100	LOW	Q16	20.34	20.33	20.35	21.20
20	1	LOW	64QAM	20.93	20.66	20.68	21.20
		MID	64QAM	20.90	20.68	20.65	21.20
		HIGH	64QAM	20.59	20.78	20.75	21.20
	50	LOW	64QAM	19.36	19.25	19.40	20.20
		MID	64QAM	19.43	19.42	19.28	20.20
		HIGH	64QAM	19.49	19.18	19.35	20.20
	100	LOW	64QAM	19.37	19.32	19.36	20.20

LTE B7-Level5&6_ON2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.89	21.04	21.06	22.20
		MID	QPSK	20.97	21.23	20.91	22.20
		HIGH	QPSK	20.83	21.00	21.08	22.20
	12	LOW	QPSK	21.03	21.08	21.02	22.20
		MID	QPSK	20.91	21.22	21.02	22.20
		HIGH	QPSK	20.85	21.30	21.08	22.20
	25	LOW	QPSK	21.04	21.03	21.01	22.20
5	1	LOW	Q16	21.26	21.53	21.30	22.20
		MID	Q16	21.42	21.54	21.19	22.20
		HIGH	Q16	21.21	21.21	21.35	22.20
	12	LOW	Q16	20.44	20.78	20.56	21.70
		MID	Q16	20.56	20.74	20.49	21.70
		HIGH	Q16	20.61	20.76	20.73	21.70
	25	LOW	Q16	20.60	20.58	20.66	21.70
5	1	LOW	64QAM	21.34	21.48	21.33	21.70
		MID	64QAM	21.47	21.60	21.06	21.70
		HIGH	64QAM	21.06	21.40	21.45	21.70
	12	LOW	64QAM	20.31	20.68	20.50	20.70
		MID	64QAM	20.49	20.70	20.38	20.70
		HIGH	64QAM	20.50	20.68	20.68	20.70
	25	LOW	64QAM	20.35	20.59	20.65	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.67	21.03	20.89	22.20
		MID	QPSK	21.02	21.06	21.00	22.20
		HIGH	QPSK	20.93	20.93	21.04	22.20
	25	LOW	QPSK	20.78	21.10	21.05	22.20
		MID	QPSK	20.88	21.22	21.01	22.20
		HIGH	QPSK	20.81	21.12	21.29	22.20
	50	LOW	QPSK	20.97	21.03	21.14	22.20
10	1	LOW	Q16	20.99	21.30	21.05	22.20
		MID	Q16	21.36	21.51	21.24	22.20
		HIGH	Q16	21.42	21.39	21.45	22.20
	25	LOW	Q16	20.51	20.77	20.78	21.70
		MID	Q16	20.37	20.68	20.58	21.70
		HIGH	Q16	20.55	20.79	20.62	21.70
	50	LOW	Q16	20.47	20.79	20.55	21.70
10	1	LOW	64QAM	20.89	21.51	21.04	21.70
		MID	64QAM	21.46	21.53	21.40	21.70
		HIGH	64QAM	21.37	21.32	21.35	21.70
	25	LOW	64QAM	20.59	20.59	20.62	20.70
		MID	64QAM	20.66	20.66	20.50	20.70
		HIGH	64QAM	20.53	20.62	20.59	20.70
	50	LOW	64QAM	20.58	20.70	20.70	20.70

LTE B7-Level5&6_ON2-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.67	20.89	20.92	22.20
		MID	QPSK	20.90	21.08	20.91	22.20
		HIGH	QPSK	20.73	21.06	21.15	22.20
	36	LOW	QPSK	20.86	21.15	21.14	22.20
		MID	QPSK	21.06	21.24	21.27	22.20
		HIGH	QPSK	20.93	21.30	21.21	22.20
	75	LOW	QPSK	20.79	21.24	21.00	22.20
15	1	LOW	Q16	21.10	21.34	21.31	22.20
		MID	Q16	21.35	21.48	21.31	22.20
		HIGH	Q16	21.17	21.51	21.51	22.20
	36	LOW	Q16	20.58	20.75	20.82	21.70
		MID	Q16	20.63	20.70	20.73	21.70
		HIGH	Q16	20.40	20.62	20.48	21.70
	75	LOW	Q16	20.51	20.62	20.51	21.70
15	1	LOW	64QAM	20.96	21.36	21.29	21.70
		MID	64QAM	21.40	21.50	21.24	21.70
		HIGH	64QAM	21.16	21.51	21.59	21.70
	36	LOW	64QAM	20.33	20.62	20.67	20.70
		MID	64QAM	20.65	20.63	20.50	20.70
		HIGH	64QAM	20.44	20.57	20.51	20.70
	75	LOW	64QAM	20.53	20.62	20.66	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.81	20.94	20.92	22.20
		MID	QPSK	20.91	21.06	21.06	22.20
		HIGH	QPSK	20.84	21.06	21.00	22.20
	50	LOW	QPSK	20.90	21.10	21.17	22.20
		MID	QPSK	20.97	21.16	21.15	22.20
		HIGH	QPSK	20.96	21.15	21.14	22.20
	100	LOW	QPSK	20.94	21.09	21.11	22.20
20	1	LOW	Q16	21.09	21.44	21.35	22.20
		MID	Q16	21.32	21.61	21.55	22.20
		HIGH	Q16	21.26	21.54	21.50	22.20
	50	LOW	Q16	20.44	20.67	20.68	21.70
		MID	Q16	20.52	20.69	20.64	21.70
		HIGH	Q16	20.51	20.70	20.63	21.70
	100	LOW	Q16	20.47	20.65	20.63	21.70
20	1	LOW	64QAM	21.11	21.40	21.26	21.70
		MID	64QAM	21.22	21.51	21.55	21.70
		HIGH	64QAM	21.15	21.46	21.35	21.70
	50	LOW	64QAM	20.40	20.66	20.64	20.70
		MID	64QAM	20.37	20.65	20.68	20.70
		HIGH	64QAM	20.40	20.62	20.58	20.70
	100	LOW	64QAM	20.40	20.69	20.63	20.70

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
10	50	LOW	QPSK	21.33	21.41	21.41	23.00
	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
10	50	LOW	Q16	20.35	20.41	20.44	22.00
	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
10	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
	100	LOW	QPSK	21.34	21.35	21.36	23.00
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
	100	LOW	Q16	20.34	20.33	20.35	22.00
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
50	LOW	QPSK	21.33	21.41	21.41	23.00	
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
50	LOW	Q16	20.35	20.41	20.44	22.00	
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
	100	LOW	QPSK	21.34	21.35	21.36	23.00
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
	100	LOW	Q16	20.34	20.33	20.35	22.00
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
50	LOW	QPSK	21.33	21.41	21.41	23.00	
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
50	LOW	Q16	20.35	20.41	20.44	22.00	
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level2&3 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
100	LOW	QPSK	21.34	21.35	21.36	23.00	
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
100	LOW	Q16	20.34	20.33	20.35	22.00	
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level4_OFF -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
50	LOW	QPSK	21.33	21.41	21.41	23.00	
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
50	LOW	Q16	20.35	20.41	20.44	22.00	
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level4_OFF -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
100	LOW	QPSK	21.34	21.35	21.36	23.00	
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
100	LOW	Q16	20.34	20.33	20.35	22.00	
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level4_ON1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.98	20.75	20.63	22.00
		MID	QPSK	20.92	20.65	20.67	22.00
		HIGH	QPSK	20.96	20.80	20.88	22.00
	12	LOW	QPSK	21.00	20.87	20.49	22.00
		MID	QPSK	20.81	20.75	20.77	22.00
		HIGH	QPSK	20.77	20.65	20.60	22.00
	25	LOW	QPSK	21.06	20.90	20.72	22.00
5	1	LOW	Q16	20.99	20.60	20.64	22.00
		MID	Q16	21.04	20.71	20.61	22.00
		HIGH	Q16	20.90	20.67	20.51	22.00
	12	LOW	Q16	20.83	20.82	20.37	22.00
		MID	Q16	20.88	20.70	20.71	22.00
		HIGH	Q16	20.97	21.00	20.83	22.00
	25	LOW	Q16	21.11	20.73	20.88	22.00
5	1	LOW	64QAM	20.89	20.85	20.61	22.00
		MID	64QAM	20.85	20.69	20.74	22.00
		HIGH	64QAM	21.00	20.85	20.80	22.00
	12	LOW	64QAM	19.80	19.78	19.55	21.00
		MID	64QAM	19.75	19.78	19.82	21.00
		HIGH	64QAM	19.95	19.90	19.64	21.00
	25	LOW	64QAM	20.14	19.88	19.68	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.79	20.76	20.80	22.00
		MID	QPSK	20.87	20.65	20.60	22.00
		HIGH	QPSK	20.95	21.04	20.67	22.00
	25	LOW	QPSK	20.96	20.87	20.39	22.00
		MID	QPSK	20.82	20.60	20.63	22.00
		HIGH	QPSK	20.83	20.87	20.61	22.00
	50	LOW	QPSK	21.11	20.76	20.64	22.00
10	1	LOW	Q16	20.94	20.66	20.60	22.00
		MID	Q16	21.05	20.94	20.82	22.00
		HIGH	Q16	20.80	20.80	20.56	22.00
	25	LOW	Q16	20.78	20.74	20.52	22.00
		MID	Q16	20.95	20.73	20.85	22.00
		HIGH	Q16	20.77	20.90	20.84	22.00
	50	LOW	Q16	20.99	20.75	20.65	22.00
10	1	LOW	64QAM	20.85	20.88	20.51	22.00
		MID	64QAM	20.69	20.59	20.72	22.00
		HIGH	64QAM	20.91	20.64	20.77	22.00
	25	LOW	64QAM	20.04	19.82	19.43	21.00
		MID	64QAM	19.73	19.79	19.72	21.00
		HIGH	64QAM	19.91	19.72	19.87	21.00
	50	LOW	64QAM	19.87	19.67	19.70	21.00

LTE B7-Level4_ON1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.84	20.93	20.73	22.00
		MID	QPSK	20.94	20.67	20.74	22.00
		HIGH	QPSK	21.04	20.99	20.67	22.00
	36	LOW	QPSK	21.03	21.04	20.57	22.00
		MID	QPSK	20.81	20.80	20.82	22.00
		HIGH	QPSK	20.77	20.95	20.72	22.00
	75	LOW	QPSK	21.07	20.72	20.86	22.00
15	1	LOW	Q16	20.96	20.68	20.67	22.00
		MID	Q16	20.98	20.67	20.79	22.00
		HIGH	Q16	21.05	20.96	20.55	22.00
	36	LOW	Q16	20.94	20.57	20.61	22.00
		MID	Q16	20.88	20.79	20.81	22.00
		HIGH	Q16	20.87	20.95	20.79	22.00
	75	LOW	Q16	20.94	20.87	20.89	22.00
15	1	LOW	64QAM	20.81	20.73	20.68	22.00
		MID	64QAM	20.98	20.77	20.59	22.00
		HIGH	64QAM	20.90	20.87	20.75	22.00
	36	LOW	64QAM	19.88	19.69	19.40	21.00
		MID	64QAM	19.88	19.85	19.86	21.00
		HIGH	64QAM	19.72	19.80	19.87	21.00
	75	LOW	64QAM	19.93	19.74	19.78	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.94	20.80	20.67	22.00
		MID	QPSK	20.84	20.76	20.65	22.00
		HIGH	QPSK	20.98	20.93	20.76	22.00
	50	LOW	QPSK	20.91	20.93	20.53	22.00
		MID	QPSK	20.82	20.65	20.69	22.00
		HIGH	QPSK	20.86	20.80	20.62	22.00
100	LOW	QPSK	21.06	20.79	20.74	22.00	
20	1	LOW	Q16	20.96	20.68	20.69	22.00
		MID	Q16	20.92	20.80	20.67	22.00
		HIGH	Q16	20.93	20.81	20.65	22.00
	50	LOW	Q16	20.90	20.72	20.52	22.00
		MID	Q16	20.87	20.70	20.71	22.00
		HIGH	Q16	20.85	20.87	20.75	22.00
100	LOW	Q16	21.01	20.73	20.80	22.00	
20	1	LOW	64QAM	20.87	20.86	20.58	22.00
		MID	64QAM	20.83	20.69	20.62	22.00
		HIGH	64QAM	20.86	20.73	20.80	22.00
	50	LOW	64QAM	20.03	19.57	19.42	21.00
		MID	64QAM	19.86	19.64	19.65	21.00
		HIGH	64QAM	19.88	19.98	19.73	21.00
	100	LOW	64QAM	19.94	19.83	19.95	21.00

LTE B7-Level5&6_OFF -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.44	22.28	22.33	24.00
		MID	QPSK	22.36	22.28	22.36	24.00
		HIGH	QPSK	22.44	22.33	22.36	24.00
	12	LOW	QPSK	21.40	21.37	21.40	23.00
		MID	QPSK	21.34	21.31	21.37	23.00
		HIGH	QPSK	21.37	21.27	21.33	23.00
	25	LOW	QPSK	21.32	21.34	21.37	23.00
5	1	LOW	Q16	21.62	21.83	21.34	23.00
		MID	Q16	21.56	21.84	21.37	23.00
		HIGH	Q16	21.58	21.81	21.34	23.00
	12	LOW	Q16	20.48	20.52	20.47	22.00
		MID	Q16	20.41	20.44	20.44	22.00
		HIGH	Q16	20.39	20.46	20.42	22.00
	25	LOW	Q16	20.41	20.44	20.35	22.00
5	1	LOW	64QAM	20.59	20.68	20.32	22.00
		MID	64QAM	20.65	20.82	20.51	22.00
		HIGH	64QAM	20.55	20.86	20.46	22.00
	12	LOW	64QAM	19.53	19.45	19.55	21.00
		MID	64QAM	19.26	19.52	19.59	21.00
		HIGH	64QAM	19.32	19.50	19.57	21.00
	25	LOW	64QAM	19.31	19.34	19.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.30	22.22	24.00
		MID	QPSK	22.28	22.31	22.29	24.00
		HIGH	QPSK	22.28	22.28	22.28	24.00
	25	LOW	QPSK	21.33	21.39	21.35	23.00
		MID	QPSK	21.34	21.34	21.37	23.00
		HIGH	QPSK	21.37	21.38	21.42	23.00
50	LOW	QPSK	21.33	21.41	21.41	23.00	
10	1	LOW	Q16	21.26	21.65	21.29	23.00
		MID	Q16	21.21	21.64	21.33	23.00
		HIGH	Q16	21.21	21.61	21.33	23.00
	25	LOW	Q16	20.36	20.42	20.47	22.00
		MID	Q16	20.38	20.38	20.51	22.00
		HIGH	Q16	20.42	20.41	20.56	22.00
50	LOW	Q16	20.35	20.41	20.44	22.00	
10	1	LOW	64QAM	20.20	20.65	20.31	22.00
		MID	64QAM	20.18	20.52	20.44	22.00
		HIGH	64QAM	20.08	20.50	20.25	22.00
	25	LOW	64QAM	19.42	19.42	19.52	21.00
		MID	64QAM	19.38	19.41	19.36	21.00
		HIGH	64QAM	19.51	19.43	19.44	21.00
	50	LOW	64QAM	19.44	19.54	19.31	21.00

LTE B7-Level5&6_OFF -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.30	22.25	22.18	24.00
		MID	QPSK	22.27	22.31	22.26	24.00
		HIGH	QPSK	22.22	22.23	22.25	24.00
	36	LOW	QPSK	21.29	21.37	21.35	23.00
		MID	QPSK	21.26	21.38	21.39	23.00
		HIGH	QPSK	21.29	21.32	21.43	23.00
	75	LOW	QPSK	21.31	21.37	21.38	23.00
15	1	LOW	Q16	21.20	21.64	21.72	23.00
		MID	Q16	21.23	21.70	21.71	23.00
		HIGH	Q16	21.14	21.61	21.63	23.00
	36	LOW	Q16	20.32	20.47	20.33	22.00
		MID	Q16	20.30	20.43	20.39	22.00
		HIGH	Q16	20.32	20.39	20.40	22.00
	75	LOW	Q16	20.30	20.37	20.35	22.00
15	1	LOW	64QAM	20.14	20.52	20.64	22.00
		MID	64QAM	20.25	20.73	20.63	22.00
		HIGH	64QAM	20.23	20.56	20.60	22.00
	36	LOW	64QAM	19.43	19.55	19.39	21.00
		MID	64QAM	19.39	19.57	19.46	21.00
		HIGH	64QAM	19.29	19.44	19.30	21.00
	75	LOW	64QAM	19.28	19.41	19.30	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.21	22.23	22.11	24.00
		MID	QPSK	22.28	22.24	22.25	24.00
		HIGH	QPSK	22.21	22.27	22.26	24.00
	50	LOW	QPSK	21.31	21.38	21.39	23.00
		MID	QPSK	21.39	21.43	21.42	23.00
		HIGH	QPSK	21.35	21.35	21.43	23.00
100	LOW	QPSK	21.34	21.35	21.36	23.00	
20	1	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.87	21.77	21.72	23.00
		HIGH	Q16	21.71	21.68	21.72	23.00
	50	LOW	Q16	20.30	20.39	20.36	22.00
		MID	Q16	20.33	20.42	20.34	22.00
		HIGH	Q16	20.35	20.31	20.39	22.00
100	LOW	Q16	20.34	20.33	20.35	22.00	
20	1	LOW	64QAM	20.93	20.66	20.68	22.00
		MID	64QAM	20.90	20.68	20.65	22.00
		HIGH	64QAM	20.59	20.78	20.75	22.00
	50	LOW	64QAM	19.36	19.25	19.40	21.00
		MID	64QAM	19.43	19.42	19.28	21.00
		HIGH	64QAM	19.49	19.18	19.35	21.00
	100	LOW	64QAM	19.37	19.32	19.36	21.00

LTE B7-Level5&6_ON1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.54	19.33	19.54	20.50
		MID	QPSK	19.42	19.36	19.21	20.50
		HIGH	QPSK	19.55	19.52	19.34	20.50
	12	LOW	QPSK	19.69	19.21	19.25	20.50
		MID	QPSK	19.29	19.32	19.26	20.50
		HIGH	QPSK	19.42	19.37	19.35	20.50
	25	LOW	QPSK	19.35	19.32	19.51	20.50
5	1	LOW	Q16	19.57	19.28	19.37	20.50
		MID	Q16	19.27	19.36	19.13	20.50
		HIGH	Q16	19.29	19.32	19.23	20.50
	12	LOW	Q16	19.58	19.29	19.47	20.50
		MID	Q16	19.35	19.27	19.56	20.50
		HIGH	Q16	19.51	19.32	19.26	20.50
	25	LOW	Q16	19.41	19.01	19.46	20.50
5	1	LOW	64QAM	19.42	19.43	19.36	20.50
		MID	64QAM	19.67	19.41	19.38	20.50
		HIGH	64QAM	19.42	19.29	19.18	20.50
	12	LOW	64QAM	19.32	19.22	19.30	20.50
		MID	64QAM	19.31	18.97	19.75	20.50
		HIGH	64QAM	19.42	19.30	19.66	20.50
	25	LOW	64QAM	19.37	19.38	19.14	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.46	19.32	19.53	20.50
		MID	QPSK	19.42	19.42	19.21	20.50
		HIGH	QPSK	19.37	19.36	19.37	20.50
	25	LOW	QPSK	19.57	19.26	19.46	20.50
		MID	QPSK	19.24	19.34	19.30	20.50
		HIGH	QPSK	19.53	19.17	19.42	20.50
	50	LOW	QPSK	19.47	19.22	19.51	20.50
10	1	LOW	Q16	19.62	19.35	19.24	20.50
		MID	Q16	19.28	19.40	19.40	20.50
		HIGH	Q16	19.52	19.32	19.35	20.50
	25	LOW	Q16	19.52	19.12	19.42	20.50
		MID	Q16	19.47	19.39	19.63	20.50
		HIGH	Q16	19.32	19.50	19.42	20.50
	50	LOW	Q16	19.42	19.14	19.40	20.50
10	1	LOW	64QAM	19.61	19.29	19.45	20.50
		MID	64QAM	19.47	19.47	19.31	20.50
		HIGH	64QAM	19.37	19.28	19.28	20.50
	25	LOW	64QAM	19.33	19.41	19.42	20.50
		MID	64QAM	19.34	19.04	19.71	20.50
		HIGH	64QAM	19.26	19.27	19.56	20.50
	50	LOW	64QAM	19.26	19.46	19.22	20.50

LTE B7-Level5&6_ON1-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.43	19.32	19.47	20.50
		MID	QPSK	19.33	19.29	19.32	20.50
		HIGH	QPSK	19.40	19.27	19.59	20.50
	36	LOW	QPSK	19.61	19.34	19.48	20.50
		MID	QPSK	19.42	19.39	19.38	20.50
		HIGH	QPSK	19.44	19.30	19.40	20.50
	75	LOW	QPSK	19.38	19.25	19.44	20.50
15	1	LOW	Q16	19.54	19.20	19.33	20.50
		MID	Q16	19.39	19.34	19.24	20.50
		HIGH	Q16	19.44	19.34	19.27	20.50
	36	LOW	Q16	19.43	19.18	19.59	20.50
		MID	Q16	19.51	19.30	19.45	20.50
		HIGH	Q16	19.53	19.31	19.29	20.50
	75	LOW	Q16	19.21	19.05	19.24	20.50
15	1	LOW	64QAM	19.61	19.27	19.63	20.50
		MID	64QAM	19.63	19.36	19.54	20.50
		HIGH	64QAM	19.24	19.30	19.22	20.50
	36	LOW	64QAM	19.27	19.43	19.34	20.50
		MID	64QAM	19.57	18.93	19.70	20.50
		HIGH	64QAM	19.34	19.19	19.51	20.50
	75	LOW	64QAM	19.49	19.49	19.20	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.43	19.30	19.40	20.50
		MID	QPSK	19.44	19.40	19.36	20.50
		HIGH	QPSK	19.45	19.37	19.47	20.50
	50	LOW	QPSK	19.54	19.35	19.36	20.50
		MID	QPSK	19.36	19.26	19.38	20.50
		HIGH	QPSK	19.52	19.23	19.27	20.50
100	LOW	QPSK	19.49	19.34	19.48	20.50	
20	1	LOW	Q16	19.53	19.25	19.39	20.50
		MID	Q16	19.29	19.41	19.25	20.50
		HIGH	Q16	19.44	19.42	19.27	20.50
	50	LOW	Q16	19.45	19.19	19.47	20.50
		MID	Q16	19.39	19.42	19.54	20.50
		HIGH	Q16	19.41	19.36	19.28	20.50
100	LOW	Q16	19.31	19.15	19.38	20.50	
20	1	LOW	64QAM	19.54	19.35	19.51	20.50
		MID	64QAM	19.56	19.37	19.41	20.50
		HIGH	64QAM	19.38	19.39	19.21	20.50
	50	LOW	64QAM	19.37	19.28	19.28	20.50
		MID	64QAM	19.45	19.08	19.60	20.50
		HIGH	64QAM	19.34	19.29	19.55	20.50
	100	LOW	64QAM	19.37	19.42	19.21	20.50

8.6.8 LTE Band66 Output Power

LTE B66-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
6	LOW	QPSK	22.41	22.40	22.47	23.50	
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
6	LOW	Q16	21.60	21.31	21.63	22.50	
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
6	LOW	64QAM	20.73	20.19	20.62	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
15	LOW	QPSK	22.44	22.37	22.48	23.50	
3	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
15	LOW	Q16	21.45	21.40	21.45	22.50	
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
15	LOW	64QAM	20.60	20.34	20.31	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
25	LOW	QPSK	22.45	22.44	22.47	23.50	
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
25	LOW	Q16	21.50	21.53	21.47	22.50	
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
25	LOW	64QAM	20.59	20.48	20.47	21.50	

LTE B66-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.43	23.30	23.31	24.50
		MID	QPSK	23.48	23.41	23.38	24.50
		HIGH	QPSK	23.54	23.41	23.42	24.50
	25	LOW	QPSK	22.42	22.47	22.47	23.50
		MID	QPSK	22.49	22.44	22.46	23.50
		HIGH	QPSK	22.55	22.46	22.43	23.50
	50	LOW	QPSK	22.52	22.50	22.44	23.50
10	1	LOW	Q16	22.28	22.74	22.27	23.50
		MID	Q16	22.37	22.50	22.35	23.50
		HIGH	Q16	22.39	22.77	22.41	23.50
	25	LOW	Q16	21.47	21.51	21.58	22.50
		MID	Q16	21.55	21.48	21.57	22.50
		HIGH	Q16	21.61	21.43	21.53	22.50
	50	LOW	Q16	21.51	21.51	21.48	22.50
10	1	LOW	64QAM	21.42	21.77	21.41	22.50
		MID	64QAM	21.39	21.52	21.22	22.50
		HIGH	64QAM	21.39	21.69	21.36	22.50
	25	LOW	64QAM	20.57	20.52	20.62	21.50
		MID	64QAM	20.51	20.37	20.46	21.50
		HIGH	64QAM	20.64	20.45	20.46	21.50
	50	LOW	64QAM	20.61	20.51	20.57	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.31	23.24	24.50
		MID	QPSK	23.52	23.40	23.37	24.50
		HIGH	QPSK	23.44	23.33	23.36	24.50
	36	LOW	QPSK	22.34	22.43	22.42	23.50
		MID	QPSK	22.43	22.45	22.46	23.50
		HIGH	QPSK	22.52	22.42	22.47	23.50
	75	LOW	QPSK	22.45	22.41	22.43	23.50
15	1	LOW	Q16	22.24	22.72	22.62	23.50
		MID	Q16	22.41	22.79	22.73	23.50
		HIGH	Q16	22.33	22.75	22.69	23.50
	36	LOW	Q16	21.38	21.49	21.43	22.50
		MID	Q16	21.46	21.54	21.44	22.50
		HIGH	Q16	21.55	21.49	21.45	22.50
	75	LOW	Q16	21.46	21.43	21.41	22.50
15	1	LOW	64QAM	21.10	21.64	21.49	22.50
		MID	64QAM	21.30	21.64	21.70	22.50
		HIGH	64QAM	21.33	21.60	21.77	22.50
	36	LOW	64QAM	20.25	20.55	20.50	21.50
		MID	64QAM	20.35	20.39	20.56	21.50
		HIGH	64QAM	20.46	20.59	20.47	21.50
	75	LOW	64QAM	20.51	20.53	20.45	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	23.31	23.19	24.50
		MID	QPSK	23.45	23.45	23.37	24.50
		HIGH	QPSK	23.34	23.36	23.35	24.50
	50	LOW	QPSK	22.37	22.51	22.42	23.50
		MID	QPSK	22.53	22.50	22.55	23.50
		HIGH	QPSK	22.54	22.44	22.43	23.50
	100	LOW	QPSK	22.47	22.47	22.44	23.50
20	1	LOW	Q16	22.89	22.71	22.71	23.50
		MID	Q16	23.07	22.81	22.81	23.50
		HIGH	Q16	22.98	22.77	22.81	23.50
	50	LOW	Q16	21.41	21.50	21.42	22.50
		MID	Q16	21.54	21.53	21.44	22.50
		HIGH	Q16	21.56	21.46	21.40	22.50
	100	LOW	Q16	21.48	21.44	21.46	22.50
20	1	LOW	64QAM	21.88	21.83	21.86	22.50
		MID	64QAM	22.05	21.80	21.89	22.50
		HIGH	64QAM	22.08	21.88	21.95	22.50
	50	LOW	64QAM	20.37	20.56	20.53	21.50
		MID	64QAM	20.66	20.45	20.55	21.50
		HIGH	64QAM	20.64	20.41	20.42	21.50
	100	LOW	64QAM	20.49	20.56	20.57	21.50

LTE B66-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
6	LOW	QPSK	22.41	22.40	22.47	23.50	
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
6	LOW	Q16	21.60	21.31	21.63	22.50	
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
6	LOW	64QAM	20.73	20.19	20.62	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
15	LOW	QPSK	22.44	22.37	22.48	23.50	
3	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
15	LOW	Q16	21.45	21.40	21.45	22.50	
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
15	LOW	64QAM	20.60	20.34	20.31	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
25	LOW	QPSK	22.45	22.44	22.47	23.50	
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
25	LOW	Q16	21.50	21.53	21.47	22.50	
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
25	LOW	64QAM	20.59	20.48	20.47	21.50	

LTE B66-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.43	23.30	23.31	24.50
		MID	QPSK	23.48	23.41	23.38	24.50
		HIGH	QPSK	23.54	23.41	23.42	24.50
	25	LOW	QPSK	22.42	22.47	22.47	23.50
		MID	QPSK	22.49	22.44	22.46	23.50
		HIGH	QPSK	22.55	22.46	22.43	23.50
	50	LOW	QPSK	22.52	22.50	22.44	23.50
10	1	LOW	Q16	22.28	22.74	22.27	23.50
		MID	Q16	22.37	22.50	22.35	23.50
		HIGH	Q16	22.39	22.77	22.41	23.50
	25	LOW	Q16	21.47	21.51	21.58	22.50
		MID	Q16	21.55	21.48	21.57	22.50
		HIGH	Q16	21.61	21.43	21.53	22.50
	50	LOW	Q16	21.51	21.51	21.48	22.50
10	1	LOW	64QAM	21.42	21.77	21.41	22.50
		MID	64QAM	21.39	21.52	21.22	22.50
		HIGH	64QAM	21.39	21.69	21.36	22.50
	25	LOW	64QAM	20.57	20.52	20.62	21.50
		MID	64QAM	20.51	20.37	20.46	21.50
		HIGH	64QAM	20.64	20.45	20.46	21.50
	50	LOW	64QAM	20.61	20.51	20.57	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.31	23.24	24.50
		MID	QPSK	23.52	23.40	23.37	24.50
		HIGH	QPSK	23.44	23.33	23.36	24.50
	36	LOW	QPSK	22.34	22.43	22.42	23.50
		MID	QPSK	22.43	22.45	22.46	23.50
		HIGH	QPSK	22.52	22.42	22.47	23.50
	75	LOW	QPSK	22.45	22.41	22.43	23.50
15	1	LOW	Q16	22.24	22.72	22.62	23.50
		MID	Q16	22.41	22.79	22.73	23.50
		HIGH	Q16	22.33	22.75	22.69	23.50
	36	LOW	Q16	21.38	21.49	21.43	22.50
		MID	Q16	21.46	21.54	21.44	22.50
		HIGH	Q16	21.55	21.49	21.45	22.50
	75	LOW	Q16	21.46	21.43	21.41	22.50
15	1	LOW	64QAM	21.10	21.64	21.49	22.50
		MID	64QAM	21.30	21.64	21.70	22.50
		HIGH	64QAM	21.33	21.60	21.77	22.50
	36	LOW	64QAM	20.25	20.55	20.50	21.50
		MID	64QAM	20.35	20.39	20.56	21.50
		HIGH	64QAM	20.46	20.59	20.47	21.50
	75	LOW	64QAM	20.51	20.53	20.45	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	23.31	23.19	24.50
		MID	QPSK	23.45	23.45	23.37	24.50
		HIGH	QPSK	23.34	23.36	23.35	24.50
	50	LOW	QPSK	22.37	22.51	22.42	23.50
		MID	QPSK	22.53	22.50	22.55	23.50
		HIGH	QPSK	22.54	22.44	22.43	23.50
	100	LOW	QPSK	22.47	22.47	22.44	23.50
20	1	LOW	Q16	22.89	22.71	22.71	23.50
		MID	Q16	23.07	22.81	22.81	23.50
		HIGH	Q16	22.98	22.77	22.81	23.50
	50	LOW	Q16	21.41	21.50	21.42	22.50
		MID	Q16	21.54	21.53	21.44	22.50
		HIGH	Q16	21.56	21.46	21.40	22.50
	100	LOW	Q16	21.48	21.44	21.46	22.50
20	1	LOW	64QAM	21.88	21.83	21.86	22.50
		MID	64QAM	22.05	21.80	21.89	22.50
		HIGH	64QAM	22.08	21.88	21.95	22.50
	50	LOW	64QAM	20.37	20.56	20.53	21.50
		MID	64QAM	20.66	20.45	20.55	21.50
		HIGH	64QAM	20.64	20.41	20.42	21.50
	100	LOW	64QAM	20.49	20.56	20.57	21.50

LTE B66-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
6	LOW	QPSK	22.41	22.40	22.47	23.50	
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
6	LOW	Q16	21.60	21.31	21.63	22.50	
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
6	LOW	64QAM	20.73	20.19	20.62	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
15	LOW	QPSK	22.44	22.37	22.48	23.50	
3	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
15	LOW	Q16	21.45	21.40	21.45	22.50	
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
15	LOW	64QAM	20.60	20.34	20.31	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
25	LOW	QPSK	22.45	22.44	22.47	23.50	
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
25	LOW	Q16	21.50	21.53	21.47	22.50	
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
25	LOW	64QAM	20.59	20.48	20.47	21.50	

LTE B66-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.43	23.30	23.31	24.50
		MID	QPSK	23.48	23.41	23.38	24.50
		HIGH	QPSK	23.54	23.41	23.42	24.50
	25	LOW	QPSK	22.42	22.47	22.47	23.50
		MID	QPSK	22.49	22.44	22.46	23.50
		HIGH	QPSK	22.55	22.46	22.43	23.50
	50	LOW	QPSK	22.52	22.50	22.44	23.50
10	1	LOW	Q16	22.28	22.74	22.27	23.50
		MID	Q16	22.37	22.50	22.35	23.50
		HIGH	Q16	22.39	22.77	22.41	23.50
	25	LOW	Q16	21.47	21.51	21.58	22.50
		MID	Q16	21.55	21.48	21.57	22.50
		HIGH	Q16	21.61	21.43	21.53	22.50
	50	LOW	Q16	21.51	21.51	21.48	22.50
10	1	LOW	64QAM	21.42	21.77	21.41	22.50
		MID	64QAM	21.39	21.52	21.22	22.50
		HIGH	64QAM	21.39	21.69	21.36	22.50
	25	LOW	64QAM	20.57	20.52	20.62	21.50
		MID	64QAM	20.51	20.37	20.46	21.50
		HIGH	64QAM	20.64	20.45	20.46	21.50
	50	LOW	64QAM	20.61	20.51	20.57	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.31	23.24	24.50
		MID	QPSK	23.52	23.40	23.37	24.50
		HIGH	QPSK	23.44	23.33	23.36	24.50
	36	LOW	QPSK	22.34	22.43	22.42	23.50
		MID	QPSK	22.43	22.45	22.46	23.50
		HIGH	QPSK	22.52	22.42	22.47	23.50
	75	LOW	QPSK	22.45	22.41	22.43	23.50
15	1	LOW	Q16	22.24	22.72	22.62	23.50
		MID	Q16	22.41	22.79	22.73	23.50
		HIGH	Q16	22.33	22.75	22.69	23.50
	36	LOW	Q16	21.38	21.49	21.43	22.50
		MID	Q16	21.46	21.54	21.44	22.50
		HIGH	Q16	21.55	21.49	21.45	22.50
	75	LOW	Q16	21.46	21.43	21.41	22.50
15	1	LOW	64QAM	21.10	21.64	21.49	22.50
		MID	64QAM	21.30	21.64	21.70	22.50
		HIGH	64QAM	21.33	21.60	21.77	22.50
	36	LOW	64QAM	20.25	20.55	20.50	21.50
		MID	64QAM	20.35	20.39	20.56	21.50
		HIGH	64QAM	20.46	20.59	20.47	21.50
	75	LOW	64QAM	20.51	20.53	20.45	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	23.31	23.19	24.50
		MID	QPSK	23.45	23.45	23.37	24.50
		HIGH	QPSK	23.34	23.36	23.35	24.50
	50	LOW	QPSK	22.37	22.51	22.42	23.50
		MID	QPSK	22.53	22.50	22.55	23.50
		HIGH	QPSK	22.54	22.44	22.43	23.50
	100	LOW	QPSK	22.47	22.47	22.44	23.50
20	1	LOW	Q16	22.89	22.71	22.71	23.50
		MID	Q16	23.07	22.81	22.81	23.50
		HIGH	Q16	22.98	22.77	22.81	23.50
	50	LOW	Q16	21.41	21.50	21.42	22.50
		MID	Q16	21.54	21.53	21.44	22.50
		HIGH	Q16	21.56	21.46	21.40	22.50
	100	LOW	Q16	21.48	21.44	21.46	22.50
20	1	LOW	64QAM	21.88	21.83	21.86	22.50
		MID	64QAM	22.05	21.80	21.89	22.50
		HIGH	64QAM	22.08	21.88	21.95	22.50
	50	LOW	64QAM	20.37	20.56	20.53	21.50
		MID	64QAM	20.66	20.45	20.55	21.50
		HIGH	64QAM	20.64	20.41	20.42	21.50
	100	LOW	64QAM	20.49	20.56	20.57	21.50

LTE B66-Level4 OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
6	LOW	QPSK	22.41	22.40	22.47	23.50	
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
6	LOW	Q16	21.60	21.31	21.63	22.50	
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
6	LOW	64QAM	20.73	20.19	20.62	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
3	15	LOW	QPSK	22.44	22.37	22.48	23.50
		LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
	8	HIGH	Q16	22.30	22.75	22.39	23.50
		LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
3	1	HIGH	Q16	21.59	21.44	21.51	22.50
		LOW	Q16	21.45	21.40	21.45	22.50
		LOW	64QAM	21.27	21.76	21.40	22.50
	8	MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
		LOW	64QAM	20.42	20.51	20.58	21.50
15	MID	64QAM	20.52	20.47	20.61	21.50	
	HIGH	64QAM	20.71	20.38	20.62	21.50	
	LOW	64QAM	20.60	20.34	20.31	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
25	LOW	QPSK	22.45	22.44	22.47	23.50	
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
25	LOW	Q16	21.50	21.53	21.47	22.50	
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
25	LOW	64QAM	20.59	20.48	20.47	21.50	

LTE B66-Level4_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.43	23.30	23.31	24.50
		MID	QPSK	23.48	23.41	23.38	24.50
		HIGH	QPSK	23.54	23.41	23.42	24.50
	25	LOW	QPSK	22.42	22.47	22.47	23.50
		MID	QPSK	22.49	22.44	22.46	23.50
		HIGH	QPSK	22.55	22.46	22.43	23.50
	50	LOW	QPSK	22.52	22.50	22.44	23.50
10	1	LOW	Q16	22.28	22.74	22.27	23.50
		MID	Q16	22.37	22.50	22.35	23.50
		HIGH	Q16	22.39	22.77	22.41	23.50
	25	LOW	Q16	21.47	21.51	21.58	22.50
		MID	Q16	21.55	21.48	21.57	22.50
		HIGH	Q16	21.61	21.43	21.53	22.50
	50	LOW	Q16	21.51	21.51	21.48	22.50
10	1	LOW	64QAM	21.42	21.77	21.41	22.50
		MID	64QAM	21.39	21.52	21.22	22.50
		HIGH	64QAM	21.39	21.69	21.36	22.50
	25	LOW	64QAM	20.57	20.52	20.62	21.50
		MID	64QAM	20.51	20.37	20.46	21.50
		HIGH	64QAM	20.64	20.45	20.46	21.50
	50	LOW	64QAM	20.61	20.51	20.57	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.31	23.24	24.50
		MID	QPSK	23.52	23.40	23.37	24.50
		HIGH	QPSK	23.44	23.33	23.36	24.50
	36	LOW	QPSK	22.34	22.43	22.42	23.50
		MID	QPSK	22.43	22.45	22.46	23.50
		HIGH	QPSK	22.52	22.42	22.47	23.50
	75	LOW	QPSK	22.45	22.41	22.43	23.50
15	1	LOW	Q16	22.24	22.72	22.62	23.50
		MID	Q16	22.41	22.79	22.73	23.50
		HIGH	Q16	22.33	22.75	22.69	23.50
	36	LOW	Q16	21.38	21.49	21.43	22.50
		MID	Q16	21.46	21.54	21.44	22.50
		HIGH	Q16	21.55	21.49	21.45	22.50
	75	LOW	Q16	21.46	21.43	21.41	22.50
15	1	LOW	64QAM	21.10	21.64	21.49	22.50
		MID	64QAM	21.30	21.64	21.70	22.50
		HIGH	64QAM	21.33	21.60	21.77	22.50
	36	LOW	64QAM	20.25	20.55	20.50	21.50
		MID	64QAM	20.35	20.39	20.56	21.50
		HIGH	64QAM	20.46	20.59	20.47	21.50
	75	LOW	64QAM	20.51	20.53	20.45	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	23.31	23.19	24.50
		MID	QPSK	23.45	23.45	23.37	24.50
		HIGH	QPSK	23.34	23.36	23.35	24.50
	50	LOW	QPSK	22.37	22.51	22.42	23.50
		MID	QPSK	22.53	22.50	22.55	23.50
		HIGH	QPSK	22.54	22.44	22.43	23.50
	100	LOW	QPSK	22.47	22.47	22.44	23.50
20	1	LOW	Q16	22.89	22.71	22.71	23.50
		MID	Q16	23.07	22.81	22.81	23.50
		HIGH	Q16	22.98	22.77	22.81	23.50
	50	LOW	Q16	21.41	21.50	21.42	22.50
		MID	Q16	21.54	21.53	21.44	22.50
		HIGH	Q16	21.56	21.46	21.40	22.50
	100	LOW	Q16	21.48	21.44	21.46	22.50
20	1	LOW	64QAM	21.88	21.83	21.86	22.50
		MID	64QAM	22.05	21.80	21.89	22.50
		HIGH	64QAM	22.08	21.88	21.95	22.50
	50	LOW	64QAM	20.37	20.56	20.53	21.50
		MID	64QAM	20.66	20.45	20.55	21.50
		HIGH	64QAM	20.64	20.41	20.42	21.50
	100	LOW	64QAM	20.49	20.56	20.57	21.50

LTE B66-Level 4 ON1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.03	20.93	20.89	21.50
		MID	QPSK	21.23	20.99	20.76	21.50
		HIGH	QPSK	21.23	21.02	20.77	21.50
	3	LOW	QPSK	21.09	21.01	20.90	21.50
		MID	QPSK	20.93	21.14	21.06	21.50
		HIGH	QPSK	20.89	21.04	21.01	21.50
	6	LOW	QPSK	21.09	20.84	20.98	21.50
1.4	1	LOW	Q16	20.77	21.12	21.05	21.50
		MID	Q16	21.26	21.00	20.88	21.50
		HIGH	Q16	21.25	21.18	20.79	21.50
	3	LOW	Q16	21.05	20.95	21.14	21.50
		MID	Q16	20.74	21.30	20.89	21.50
		HIGH	Q16	20.98	21.03	21.31	21.50
	6	LOW	Q16	21.01	21.00	20.89	21.50
1.4	1	LOW	64QAM	21.02	20.99	20.91	21.50
		MID	64QAM	21.15	21.01	20.66	21.50
		HIGH	64QAM	21.27	21.00	20.71	21.50
	3	LOW	64QAM	21.07	21.11	21.07	21.50
		MID	64QAM	20.99	21.15	21.03	21.50
		HIGH	64QAM	20.82	20.84	21.24	21.50
	6	LOW	64QAM	21.06	21.02	20.86	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.15	20.95	20.83	21.50
		MID	QPSK	20.97	21.05	20.72	21.50
		HIGH	QPSK	21.24	20.82	20.81	21.50
	8	LOW	QPSK	20.92	21.11	20.92	21.50
		MID	QPSK	20.98	21.01	20.96	21.50
		HIGH	QPSK	21.06	20.92	21.17	21.50
	15	LOW	QPSK	21.12	20.90	20.93	21.50
3	1	LOW	Q16	21.03	21.07	20.98	21.50
		MID	Q16	21.24	21.14	20.71	21.50
		HIGH	Q16	21.33	21.14	20.88	21.50
	8	LOW	Q16	21.08	20.98	20.98	21.50
		MID	Q16	20.87	21.16	20.97	21.50
		HIGH	Q16	20.87	20.91	21.20	21.50
	15	LOW	Q16	21.16	20.87	21.04	21.50
3	1	LOW	64QAM	21.04	21.10	20.75	21.50
		MID	64QAM	21.30	21.09	20.90	21.50
		HIGH	64QAM	21.26	21.06	20.81	21.50
	8	LOW	64QAM	20.95	21.10	21.06	21.50
		MID	64QAM	20.90	21.28	20.94	21.50
		HIGH	64QAM	20.90	21.00	21.20	21.50
	15	LOW	64QAM	21.17	20.89	20.90	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.13	20.95	20.94	21.50
		MID	QPSK	20.98	20.95	20.83	21.50
		HIGH	QPSK	21.09	20.98	20.71	21.50
	12	LOW	QPSK	21.08	21.19	21.19	21.50
		MID	QPSK	21.08	21.16	20.92	21.50
		HIGH	QPSK	20.90	20.95	20.96	21.50
	25	LOW	QPSK	21.24	20.88	21.08	21.50
5	1	LOW	Q16	21.07	21.05	20.99	21.50
		MID	Q16	21.10	20.96	20.86	21.50
		HIGH	Q16	21.14	20.94	20.86	21.50
	12	LOW	Q16	20.96	21.16	21.22	21.50
		MID	Q16	20.98	21.26	20.85	21.50
		HIGH	Q16	20.94	21.00	21.13	21.50
	25	LOW	Q16	21.17	20.82	20.78	21.50
5	1	LOW	64QAM	20.85	20.94	20.98	21.50
		MID	64QAM	21.14	20.93	20.77	21.50
		HIGH	64QAM	21.17	21.12	20.76	21.50
	12	LOW	64QAM	20.98	20.98	21.05	21.50
		MID	64QAM	20.88	21.21	20.92	21.50
		HIGH	64QAM	20.73	20.87	21.22	21.50
	25	LOW	64QAM	21.31	20.91	20.84	21.50

LTE B66-Level 4_ ON1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.95	21.02	21.03	21.50
		MID	QPSK	21.18	20.92	20.91	21.50
		HIGH	QPSK	21.10	20.84	20.70	21.50
	25	LOW	QPSK	20.92	21.06	21.20	21.50
		MID	QPSK	21.04	21.08	21.01	21.50
		HIGH	QPSK	20.81	20.93	20.93	21.50
	50	LOW	QPSK	21.20	20.76	21.06	21.50
10	1	LOW	Q16	20.94	21.20	20.77	21.50
		MID	Q16	21.37	20.97	20.77	21.50
		HIGH	Q16	21.29	21.09	20.78	21.50
	25	LOW	Q16	21.07	21.07	21.01	21.50
		MID	Q16	20.76	21.03	20.95	21.50
		HIGH	Q16	20.70	20.95	21.09	21.50
	50	LOW	Q16	21.27	20.81	20.92	21.50
10	1	LOW	64QAM	20.89	21.19	20.89	21.50
		MID	64QAM	21.27	20.99	20.64	21.50
		HIGH	64QAM	21.09	20.97	20.73	21.50
	25	LOW	64QAM	21.06	21.02	21.03	21.50
		MID	64QAM	20.81	21.20	21.07	21.50
		HIGH	64QAM	20.74	21.04	21.04	21.50
	50	LOW	64QAM	21.11	20.94	20.90	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.10	20.88	20.87	21.50
		MID	QPSK	21.20	20.91	20.73	21.50
		HIGH	QPSK	21.02	20.99	20.86	21.50
	36	LOW	QPSK	21.13	21.08	21.20	21.50
		MID	QPSK	20.88	21.20	20.97	21.50
		HIGH	QPSK	20.98	20.79	21.02	21.50
	75	LOW	QPSK	21.08	20.97	20.88	21.50
15	1	LOW	Q16	20.93	21.20	20.80	21.50
		MID	Q16	21.21	20.99	20.70	21.50
		HIGH	Q16	21.11	21.16	20.68	21.50
	36	LOW	Q16	21.12	21.21	21.08	21.50
		MID	Q16	20.72	21.21	21.07	21.50
		HIGH	Q16	20.91	20.79	21.19	21.50
	75	LOW	Q16	21.15	20.87	20.95	21.50
15	1	LOW	64QAM	20.83	21.20	21.01	21.50
		MID	64QAM	21.27	21.04	20.69	21.50
		HIGH	64QAM	21.23	21.20	20.79	21.50
	36	LOW	64QAM	20.85	21.13	20.97	21.50
		MID	64QAM	20.79	21.13	21.05	21.50
		HIGH	64QAM	20.72	20.86	21.20	21.50
	75	LOW	64QAM	21.13	20.78	20.99	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.06	21.02	20.96	21.50
		MID	QPSK	21.11	21.15	20.84	21.50
		HIGH	QPSK	21.13	20.96	20.84	21.50
	50	LOW	QPSK	20.98	21.16	21.05	21.50
		MID	QPSK	20.93	21.11	21.01	21.50
		HIGH	QPSK	20.92	20.91	21.07	21.50
	100	LOW	QPSK	21.20	20.91	20.93	21.50
20	1	LOW	Q16	20.92	21.05	20.90	21.50
		MID	Q16	21.24	21.07	20.79	21.50
		HIGH	Q16	21.21	21.06	20.82	21.50
	50	LOW	Q16	20.97	21.07	21.10	21.50
		MID	Q16	20.85	21.16	20.94	21.50
		HIGH	Q16	20.85	20.90	21.16	21.50
	100	LOW	Q16	21.16	20.87	20.91	21.50
20	1	LOW	64QAM	21.21	21.14	20.83	21.50
		MID	64QAM	21.00	21.06	20.91	21.50
		HIGH	64QAM	21.16	20.98	20.73	21.50
	50	LOW	64QAM	21.10	21.22	21.09	21.50
		MID	64QAM	20.90	21.05	21.04	21.50
		HIGH	64QAM	20.96	20.84	21.10	21.50
	100	LOW	64QAM	21.06	20.79	21.02	21.50

LTE B66-Level5&6 OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.28	23.31	24.50
		MID	QPSK	23.22	23.30	23.36	24.50
		HIGH	QPSK	23.24	23.31	23.36	24.50
	3	LOW	QPSK	23.36	23.29	23.43	24.50
		MID	QPSK	23.40	23.27	23.47	24.50
		HIGH	QPSK	23.39	23.17	23.46	24.50
6	LOW	QPSK	22.41	22.40	22.47	23.50	
1.4	1	LOW	Q16	22.44	22.76	22.42	23.50
		MID	Q16	22.47	22.73	22.40	23.50
		HIGH	Q16	22.49	22.74	22.41	23.50
	3	LOW	Q16	22.43	22.59	22.58	23.50
		MID	Q16	22.45	22.53	22.60	23.50
		HIGH	Q16	22.46	22.55	22.59	23.50
6	LOW	Q16	21.60	21.31	21.63	22.50	
1.4	1	LOW	64QAM	21.57	21.68	21.57	22.50
		MID	64QAM	21.58	21.85	21.34	22.50
		HIGH	64QAM	21.63	21.73	21.37	22.50
	3	LOW	64QAM	21.31	21.74	21.53	22.50
		MID	64QAM	21.57	21.50	21.58	22.50
		HIGH	64QAM	21.38	21.67	21.50	22.50
6	LOW	64QAM	20.73	20.19	20.62	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.44	23.32	23.32	24.50
		MID	QPSK	23.42	23.34	23.35	24.50
		HIGH	QPSK	23.43	23.31	23.36	24.50
	8	LOW	QPSK	22.41	22.38	22.41	23.50
		MID	QPSK	22.45	22.38	22.44	23.50
		HIGH	QPSK	22.46	22.36	22.45	23.50
3	1	LOW	Q16	22.33	22.72	22.40	23.50
		MID	Q16	22.31	22.75	22.40	23.50
		HIGH	Q16	22.30	22.75	22.39	23.50
	8	LOW	Q16	21.55	21.47	21.49	22.50
		MID	Q16	21.54	21.48	21.50	22.50
		HIGH	Q16	21.59	21.44	21.51	22.50
15	LOW	Q16	21.45	21.40	21.45	22.50	
3	1	LOW	64QAM	21.27	21.76	21.40	22.50
		MID	64QAM	21.26	21.64	21.35	22.50
		HIGH	64QAM	21.44	21.85	21.49	22.50
	8	LOW	64QAM	20.42	20.51	20.58	21.50
		MID	64QAM	20.52	20.47	20.61	21.50
		HIGH	64QAM	20.71	20.38	20.62	21.50
15	LOW	64QAM	20.60	20.34	20.31	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.55	23.38	23.43	24.50
		MID	QPSK	23.60	23.38	23.46	24.50
		HIGH	QPSK	23.64	23.41	23.51	24.50
	12	LOW	QPSK	22.43	22.46	22.53	23.50
		MID	QPSK	22.47	22.39	22.49	23.50
		HIGH	QPSK	22.45	22.39	22.43	23.50
25	LOW	QPSK	22.45	22.44	22.47	23.50	
5	1	LOW	Q16	22.74	22.97	22.43	23.50
		MID	Q16	22.73	23.01	22.46	23.50
		HIGH	Q16	22.77	23.03	22.47	23.50
	12	LOW	Q16	21.50	21.62	21.60	22.50
		MID	Q16	21.51	21.58	21.57	22.50
		HIGH	Q16	21.52	21.55	21.49	22.50
25	LOW	Q16	21.50	21.53	21.47	22.50	
5	1	LOW	64QAM	21.77	21.83	21.33	22.50
		MID	64QAM	21.77	21.94	21.58	22.50
		HIGH	64QAM	21.86	22.17	21.40	22.50
	12	LOW	64QAM	20.58	20.64	20.56	21.50
		MID	64QAM	20.43	20.65	20.71	21.50
		HIGH	64QAM	20.51	20.42	20.62	21.50
25	LOW	64QAM	20.59	20.48	20.47	21.50	

LTE B66-Level5&6_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.43	23.30	23.31	24.50
		MID	QPSK	23.48	23.41	23.38	24.50
		HIGH	QPSK	23.54	23.41	23.42	24.50
	25	LOW	QPSK	22.42	22.47	22.47	23.50
		MID	QPSK	22.49	22.44	22.46	23.50
		HIGH	QPSK	22.55	22.46	22.43	23.50
	50	LOW	QPSK	22.52	22.50	22.44	23.50
10	1	LOW	Q16	22.28	22.74	22.27	23.50
		MID	Q16	22.37	22.50	22.35	23.50
		HIGH	Q16	22.39	22.77	22.41	23.50
	25	LOW	Q16	21.47	21.51	21.58	22.50
		MID	Q16	21.55	21.48	21.57	22.50
		HIGH	Q16	21.61	21.43	21.53	22.50
	50	LOW	Q16	21.51	21.51	21.48	22.50
10	1	LOW	64QAM	21.42	21.77	21.41	22.50
		MID	64QAM	21.39	21.52	21.22	22.50
		HIGH	64QAM	21.39	21.69	21.36	22.50
	25	LOW	64QAM	20.57	20.52	20.62	21.50
		MID	64QAM	20.51	20.37	20.46	21.50
		HIGH	64QAM	20.64	20.45	20.46	21.50
	50	LOW	64QAM	20.61	20.51	20.57	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.31	23.24	24.50
		MID	QPSK	23.52	23.40	23.37	24.50
		HIGH	QPSK	23.44	23.33	23.36	24.50
	36	LOW	QPSK	22.34	22.43	22.42	23.50
		MID	QPSK	22.43	22.45	22.46	23.50
		HIGH	QPSK	22.52	22.42	22.47	23.50
	75	LOW	QPSK	22.45	22.41	22.43	23.50
15	1	LOW	Q16	22.24	22.72	22.62	23.50
		MID	Q16	22.41	22.79	22.73	23.50
		HIGH	Q16	22.33	22.75	22.69	23.50
	36	LOW	Q16	21.38	21.49	21.43	22.50
		MID	Q16	21.46	21.54	21.44	22.50
		HIGH	Q16	21.55	21.49	21.45	22.50
	75	LOW	Q16	21.46	21.43	21.41	22.50
15	1	LOW	64QAM	21.10	21.64	21.49	22.50
		MID	64QAM	21.30	21.64	21.70	22.50
		HIGH	64QAM	21.33	21.60	21.77	22.50
	36	LOW	64QAM	20.25	20.55	20.50	21.50
		MID	64QAM	20.35	20.39	20.56	21.50
		HIGH	64QAM	20.46	20.59	20.47	21.50
	75	LOW	64QAM	20.51	20.53	20.45	21.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	23.31	23.19	24.50
		MID	QPSK	23.45	23.45	23.37	24.50
		HIGH	QPSK	23.34	23.36	23.35	24.50
	50	LOW	QPSK	22.37	22.51	22.42	23.50
		MID	QPSK	22.53	22.50	22.55	23.50
		HIGH	QPSK	22.54	22.44	22.43	23.50
	100	LOW	QPSK	22.47	22.47	22.44	23.50
20	1	LOW	Q16	22.89	22.71	22.71	23.50
		MID	Q16	23.07	22.81	22.81	23.50
		HIGH	Q16	22.98	22.77	22.81	23.50
	50	LOW	Q16	21.41	21.50	21.42	22.50
		MID	Q16	21.54	21.53	21.44	22.50
		HIGH	Q16	21.56	21.46	21.40	22.50
	100	LOW	Q16	21.48	21.44	21.46	22.50
20	1	LOW	64QAM	21.88	21.83	21.86	22.50
		MID	64QAM	22.05	21.80	21.89	22.50
		HIGH	64QAM	22.08	21.88	21.95	22.50
	50	LOW	64QAM	20.37	20.56	20.53	21.50
		MID	64QAM	20.66	20.45	20.55	21.50
		HIGH	64QAM	20.64	20.41	20.42	21.50
	100	LOW	64QAM	20.49	20.56	20.57	21.50

LTE B66-Level 5&6 ON1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.85	20.12	20.07	21.00
		MID	QPSK	19.85	20.17	19.92	21.00
		HIGH	QPSK	19.96	20.01	20.35	21.00
	3	LOW	QPSK	20.17	19.74	20.16	21.00
		MID	QPSK	20.20	20.25	19.72	21.00
		HIGH	QPSK	19.85	19.96	20.16	21.00
	6	LOW	QPSK	19.88	19.71	20.12	21.00
1.4	1	LOW	Q16	20.13	20.18	20.16	21.00
		MID	Q16	19.92	19.98	19.88	21.00
		HIGH	Q16	20.17	20.12	20.10	21.00
	3	LOW	Q16	19.85	19.84	20.24	21.00
		MID	Q16	20.25	20.26	19.51	21.00
		HIGH	Q16	19.95	20.11	20.15	21.00
	6	LOW	Q16	19.68	20.04	20.10	21.00
1.4	1	LOW	64QAM	20.23	20.16	20.03	21.00
		MID	64QAM	19.70	20.12	19.95	21.00
		HIGH	64QAM	20.03	20.13	20.20	21.00
	3	LOW	64QAM	19.86	20.01	20.16	21.00
		MID	64QAM	20.26	20.34	19.57	21.00
		HIGH	64QAM	19.97	20.13	20.27	21.00
	6	LOW	64QAM	19.73	19.80	20.29	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.11	20.12	20.11	21.00
		MID	QPSK	19.86	20.23	20.00	21.00
		HIGH	QPSK	20.01	19.99	20.23	21.00
	8	LOW	QPSK	19.99	19.86	19.98	21.00
		MID	QPSK	20.10	20.39	19.88	21.00
		HIGH	QPSK	20.04	19.97	20.42	21.00
	15	LOW	QPSK	19.79	19.86	20.34	21.00
3	1	LOW	Q16	20.25	20.19	20.06	21.00
		MID	Q16	19.83	19.92	19.84	21.00
		HIGH	Q16	20.21	20.09	20.19	21.00
	8	LOW	Q16	19.99	19.95	20.04	21.00
		MID	Q16	20.01	20.15	19.77	21.00
		HIGH	Q16	19.75	20.05	20.15	21.00
	15	LOW	Q16	19.85	20.00	20.28	21.00
3	1	LOW	64QAM	20.07	20.12	19.98	21.00
		MID	64QAM	19.80	20.15	19.96	21.00
		HIGH	64QAM	20.04	19.85	20.04	21.00
	8	LOW	64QAM	20.02	19.79	20.11	21.00
		MID	64QAM	19.97	20.34	19.63	21.00
		HIGH	64QAM	19.92	20.04	20.27	21.00
	15	LOW	64QAM	19.74	19.97	20.10	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.99	20.16	20.16	21.00
		MID	QPSK	20.00	20.23	19.97	21.00
		HIGH	QPSK	19.91	20.09	20.28	21.00
	12	LOW	QPSK	20.24	19.75	20.04	21.00
		MID	QPSK	20.21	20.44	19.91	21.00
		HIGH	QPSK	19.77	19.83	20.20	21.00
	25	LOW	QPSK	19.91	19.72	20.33	21.00
5	1	LOW	Q16	20.00	20.14	20.06	21.00
		MID	Q16	19.86	19.95	19.98	21.00
		HIGH	Q16	20.20	19.96	20.01	21.00
	12	LOW	Q16	19.99	19.89	20.20	21.00
		MID	Q16	20.12	20.18	19.71	21.00
		HIGH	Q16	19.85	20.11	20.19	21.00
	25	LOW	Q16	19.65	19.82	20.29	21.00
5	1	LOW	64QAM	19.99	20.00	20.17	21.00
		MID	64QAM	19.96	20.03	19.79	21.00
		HIGH	64QAM	20.22	19.95	20.03	21.00
	12	LOW	64QAM	20.07	19.83	20.08	21.00
		MID	64QAM	20.10	20.33	19.75	21.00
		HIGH	64QAM	19.92	20.13	20.30	21.00
	25	LOW	64QAM	19.63	19.92	20.31	21.00

LTE B66-Level 5&6_ ON1-Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.95	19.97	20.21	21.00
		MID	QPSK	19.98	20.19	19.99	21.00
		HIGH	QPSK	20.15	19.94	20.17	21.00
	25	LOW	QPSK	20.09	19.82	20.05	21.00
		MID	QPSK	20.11	20.15	19.70	21.00
		HIGH	QPSK	19.77	20.01	20.34	21.00
	50	LOW	QPSK	19.88	19.70	20.18	21.00
10	1	LOW	Q16	20.14	20.06	20.18	21.00
		MID	Q16	19.93	19.91	19.91	21.00
		HIGH	Q16	20.08	20.14	20.18	21.00
	25	LOW	Q16	20.07	19.87	20.14	21.00
		MID	Q16	20.25	20.32	19.71	21.00
		HIGH	Q16	19.90	19.90	20.12	21.00
	50	LOW	Q16	19.62	19.81	20.36	21.00
10	1	LOW	64QAM	20.18	20.19	20.06	21.00
		MID	64QAM	19.71	20.05	19.98	21.00
		HIGH	64QAM	20.25	19.96	20.00	21.00
	25	LOW	64QAM	20.14	20.02	20.10	21.00
		MID	64QAM	20.21	20.17	19.66	21.00
		HIGH	64QAM	19.96	19.99	20.25	21.00
	50	LOW	64QAM	19.67	19.88	20.31	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.88	20.05	20.17	21.00
		MID	QPSK	19.95	20.30	19.91	21.00
		HIGH	QPSK	20.06	19.97	20.14	21.00
	36	LOW	QPSK	19.95	19.90	20.12	21.00
		MID	QPSK	19.94	20.40	19.73	21.00
		HIGH	QPSK	19.75	19.88	20.39	21.00
	75	LOW	QPSK	20.00	19.73	20.29	21.00
15	1	LOW	Q16	20.01	20.01	19.90	21.00
		MID	Q16	19.85	20.05	19.89	21.00
		HIGH	Q16	20.22	19.88	19.93	21.00
	36	LOW	Q16	20.08	19.92	20.17	21.00
		MID	Q16	20.21	20.33	19.55	21.00
		HIGH	Q16	19.75	19.85	20.28	21.00
	75	LOW	Q16	19.65	19.96	20.21	21.00
15	1	LOW	64QAM	20.00	19.99	20.03	21.00
		MID	64QAM	19.89	19.98	19.80	21.00
		HIGH	64QAM	20.22	20.13	20.01	21.00
	36	LOW	64QAM	20.01	19.74	19.95	21.00
		MID	64QAM	20.20	20.30	19.73	21.00
		HIGH	64QAM	19.82	20.14	20.16	21.00
	75	LOW	64QAM	19.67	19.90	20.34	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.99	20.04	20.06	21.00
		MID	QPSK	19.94	20.17	19.91	21.00
		HIGH	QPSK	20.00	19.99	20.21	21.00
	50	LOW	QPSK	20.10	19.89	20.12	21.00
		MID	QPSK	20.09	20.30	19.80	21.00
		HIGH	QPSK	19.89	19.92	20.29	21.00
	100	LOW	QPSK	19.90	19.82	20.25	21.00
20	1	LOW	Q16	20.13	20.08	20.03	21.00
		MID	Q16	19.85	20.04	19.90	21.00
		HIGH	Q16	20.12	19.99	20.07	21.00
	50	LOW	Q16	20.00	19.88	20.09	21.00
		MID	Q16	20.11	20.21	19.65	21.00
		HIGH	Q16	19.82	20.00	20.23	21.00
	100	LOW	Q16	19.77	19.89	20.23	21.00
20	1	LOW	64QAM	20.04	20.08	20.02	21.00
		MID	64QAM	20.03	20.08	19.87	21.00
		HIGH	64QAM	20.05	19.85	20.29	21.00
	50	LOW	64QAM	20.07	19.88	20.00	21.00
		MID	64QAM	19.99	20.43	19.75	21.00
		HIGH	64QAM	19.83	19.79	20.19	21.00
	100	LOW	64QAM	19.82	19.77	20.19	21.00

LTE B66-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.49	21.36	21.46	22.50
		MID	QPSK	21.42	21.40	21.30	22.50
		HIGH	QPSK	21.49	21.53	21.48	22.50
	3	LOW	QPSK	21.47	21.35	21.47	22.50
		MID	QPSK	21.38	21.26	21.30	22.50
		HIGH	QPSK	21.57	21.59	21.59	22.50
	6	LOW	QPSK	20.59	20.48	20.59	21.50
1.4	1	LOW	Q16	20.47	20.46	20.32	21.50
		MID	Q16	20.45	20.45	20.30	21.50
		HIGH	Q16	20.59	20.50	20.49	21.50
	3	LOW	Q16	20.40	20.43	20.55	21.50
		MID	Q16	20.49	20.23	20.39	21.50
		HIGH	Q16	20.46	20.53	20.44	21.50
	6	LOW	Q16	19.69	19.56	19.47	20.50
1.4	1	LOW	64QAM	19.56	19.54	19.19	20.50
		MID	64QAM	19.50	19.38	19.44	20.50
		HIGH	64QAM	19.67	19.57	19.39	20.50
	3	LOW	64QAM	19.37	19.45	19.69	20.50
		MID	64QAM	19.48	19.31	19.31	20.50
		HIGH	64QAM	19.32	19.44	19.36	20.50
	6	LOW	64QAM	18.80	18.58	18.42	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.44	21.52	21.64	22.50
		MID	QPSK	21.37	21.35	21.31	22.50
		HIGH	QPSK	21.31	21.45	21.58	22.50
	8	LOW	QPSK	20.30	20.44	20.68	21.50
		MID	QPSK	20.45	20.58	20.52	21.50
		HIGH	QPSK	20.50	20.36	20.63	21.50
	15	LOW	QPSK	20.21	20.57	20.43	21.50
3	1	LOW	Q16	20.44	20.28	20.58	21.50
		MID	Q16	20.38	20.29	20.50	21.50
		HIGH	Q16	20.28	20.24	20.69	21.50
	8	LOW	Q16	19.27	19.44	19.59	20.50
		MID	Q16	19.36	19.38	19.49	20.50
		HIGH	Q16	19.27	19.25	19.59	20.50
	15	LOW	Q16	19.29	19.57	19.63	20.50
3	1	LOW	64QAM	19.49	19.60	19.64	20.50
		MID	64QAM	19.13	19.57	19.41	20.50
		HIGH	64QAM	19.54	19.46	19.53	20.50
	8	LOW	64QAM	18.32	18.29	18.27	19.50
		MID	64QAM	18.25	18.52	18.40	19.50
		HIGH	64QAM	18.39	18.38	18.79	19.50
	15	LOW	64QAM	18.36	18.45	18.56	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.44	21.50	22.50
		MID	QPSK	21.20	21.39	21.28	22.50
		HIGH	QPSK	21.43	21.53	21.60	22.50
	12	LOW	QPSK	20.47	20.52	20.55	21.50
		MID	QPSK	20.41	20.40	20.43	21.50
		HIGH	QPSK	20.35	20.24	20.57	21.50
	25	LOW	QPSK	20.21	20.57	20.43	21.50
5	1	LOW	Q16	20.22	20.56	20.68	21.50
		MID	Q16	20.25	20.58	20.44	21.50
		HIGH	Q16	20.41	20.54	20.48	21.50
	12	LOW	Q16	19.42	19.45	19.37	20.50
		MID	Q16	19.22	19.46	19.43	20.50
		HIGH	Q16	19.30	19.40	19.53	20.50
	25	LOW	Q16	19.47	19.38	19.65	20.50
5	1	LOW	64QAM	19.42	19.37	19.71	20.50
		MID	64QAM	19.13	19.57	19.61	20.50
		HIGH	64QAM	19.40	19.53	19.60	20.50
	12	LOW	64QAM	18.34	18.42	18.33	19.50
		MID	64QAM	18.34	18.38	18.55	19.50
		HIGH	64QAM	18.37	18.36	18.54	19.50
	25	LOW	64QAM	18.33	18.61	18.69	19.50

LTE B66-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.33	21.45	21.60	22.50
		MID	QPSK	21.19	21.36	21.46	22.50
		HIGH	QPSK	21.30	21.38	21.55	22.50
	25	LOW	QPSK	20.40	20.55	20.48	21.50
		MID	QPSK	20.44	20.37	20.32	21.50
		HIGH	QPSK	20.26	20.33	20.56	21.50
	50	LOW	QPSK	20.40	20.29	20.51	21.50
10	1	LOW	Q16	20.36	20.44	20.58	21.50
		MID	Q16	20.38	20.58	20.34	21.50
		HIGH	Q16	20.39	20.24	20.52	21.50
	25	LOW	Q16	19.57	19.59	19.41	20.50
		MID	Q16	19.42	19.50	19.56	20.50
		HIGH	Q16	19.29	19.37	19.74	20.50
	50	LOW	Q16	19.49	19.46	19.70	20.50
10	1	LOW	64QAM	19.57	19.59	19.58	20.50
		MID	64QAM	19.08	19.40	19.53	20.50
		HIGH	64QAM	19.46	19.53	19.38	20.50
	25	LOW	64QAM	18.32	18.31	18.26	19.50
		MID	64QAM	18.12	18.35	18.51	19.50
		HIGH	64QAM	18.34	18.25	18.59	19.50
	50	LOW	64QAM	18.28	18.62	18.72	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.41	21.51	21.66	22.50
		MID	QPSK	21.37	21.56	21.46	22.50
		HIGH	QPSK	21.34	21.35	21.63	22.50
	36	LOW	QPSK	20.41	20.57	20.66	21.50
		MID	QPSK	20.42	20.55	20.24	21.50
		HIGH	QPSK	20.41	20.46	20.65	21.50
	75	LOW	QPSK	20.44	20.46	20.40	21.50
15	1	LOW	Q16	20.37	20.49	20.64	21.50
		MID	Q16	20.43	20.33	20.44	21.50
		HIGH	Q16	20.40	20.50	20.54	21.50
	36	LOW	Q16	19.39	19.41	19.55	20.50
		MID	Q16	19.31	19.34	19.57	20.50
		HIGH	Q16	19.20	19.45	19.65	20.50
	75	LOW	Q16	19.43	19.48	19.40	20.50
15	1	LOW	64QAM	19.37	19.40	19.44	20.50
		MID	64QAM	19.31	19.43	19.37	20.50
		HIGH	64QAM	19.45	19.43	19.36	20.50
	36	LOW	64QAM	18.50	18.41	18.47	19.50
		MID	64QAM	18.20	18.48	18.55	19.50
		HIGH	64QAM	18.18	18.21	18.72	19.50
	75	LOW	64QAM	18.22	18.65	18.70	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.42	21.43	22.50
		MID	QPSK	21.33	21.44	21.39	22.50
		HIGH	QPSK	21.37	21.39	21.43	22.50
	50	LOW	QPSK	20.42	20.48	20.41	21.50
		MID	QPSK	20.27	20.44	20.48	21.50
		HIGH	QPSK	20.25	20.33	20.44	21.50
	100	LOW	QPSK	20.37	20.50	20.55	21.50
20	1	LOW	Q16	20.51	20.46	20.57	21.50
		MID	Q16	20.22	20.54	20.50	21.50
		HIGH	Q16	20.47	20.51	20.48	21.50
	50	LOW	Q16	19.43	19.37	19.36	20.50
		MID	Q16	19.23	19.49	19.49	20.50
		HIGH	Q16	19.27	19.25	19.65	20.50
	100	LOW	Q16	19.23	19.54	19.65	20.50
20	1	LOW	64QAM	19.57	19.54	19.49	20.50
		MID	64QAM	19.12	19.48	19.35	20.50
		HIGH	64QAM	19.38	19.49	19.43	20.50
	50	LOW	64QAM	18.32	18.41	18.35	19.50
		MID	64QAM	18.31	18.42	18.63	19.50
		HIGH	64QAM	18.37	18.29	18.56	19.50
	100	LOW	64QAM	18.21	18.45	18.74	19.50

LTE B66-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.49	21.36	21.46	22.50
		MID	QPSK	21.42	21.40	21.30	22.50
		HIGH	QPSK	21.49	21.53	21.48	22.50
	3	LOW	QPSK	21.47	21.35	21.47	22.50
		MID	QPSK	21.38	21.26	21.30	22.50
		HIGH	QPSK	21.57	21.59	21.59	22.50
	6	LOW	QPSK	20.59	20.48	20.59	21.50
1.4	1	LOW	Q16	20.47	20.46	20.32	21.50
		MID	Q16	20.45	20.45	20.30	21.50
		HIGH	Q16	20.59	20.50	20.49	21.50
	3	LOW	Q16	20.40	20.43	20.55	21.50
		MID	Q16	20.49	20.23	20.39	21.50
		HIGH	Q16	20.46	20.53	20.44	21.50
	6	LOW	Q16	19.69	19.56	19.47	20.50
1.4	1	LOW	64QAM	19.56	19.54	19.19	20.50
		MID	64QAM	19.50	19.38	19.44	20.50
		HIGH	64QAM	19.67	19.57	19.39	20.50
	3	LOW	64QAM	19.37	19.45	19.69	20.50
		MID	64QAM	19.48	19.31	19.31	20.50
		HIGH	64QAM	19.32	19.44	19.36	20.50
	6	LOW	64QAM	18.80	18.58	18.42	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.44	21.52	21.64	22.50
		MID	QPSK	21.37	21.35	21.31	22.50
		HIGH	QPSK	21.31	21.45	21.58	22.50
	8	LOW	QPSK	20.30	20.44	20.68	21.50
		MID	QPSK	20.45	20.58	20.52	21.50
		HIGH	QPSK	20.50	20.36	20.63	21.50
	15	LOW	QPSK	20.21	20.57	20.43	21.50
3	1	LOW	Q16	20.44	20.28	20.58	21.50
		MID	Q16	20.38	20.29	20.50	21.50
		HIGH	Q16	20.28	20.24	20.69	21.50
	8	LOW	Q16	19.27	19.44	19.59	20.50
		MID	Q16	19.36	19.38	19.49	20.50
		HIGH	Q16	19.27	19.25	19.59	20.50
	15	LOW	Q16	19.29	19.57	19.63	20.50
3	1	LOW	64QAM	19.49	19.60	19.64	20.50
		MID	64QAM	19.13	19.57	19.41	20.50
		HIGH	64QAM	19.54	19.46	19.53	20.50
	8	LOW	64QAM	18.32	18.29	18.27	19.50
		MID	64QAM	18.25	18.52	18.40	19.50
		HIGH	64QAM	18.39	18.38	18.79	19.50
	15	LOW	64QAM	18.36	18.45	18.56	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.44	21.50	22.50
		MID	QPSK	21.20	21.39	21.28	22.50
		HIGH	QPSK	21.43	21.53	21.60	22.50
	12	LOW	QPSK	20.47	20.52	20.55	21.50
		MID	QPSK	20.41	20.40	20.43	21.50
		HIGH	QPSK	20.35	20.24	20.57	21.50
	25	LOW	QPSK	20.21	20.57	20.43	21.50
5	1	LOW	Q16	20.22	20.56	20.68	21.50
		MID	Q16	20.25	20.58	20.44	21.50
		HIGH	Q16	20.41	20.54	20.48	21.50
	12	LOW	Q16	19.42	19.45	19.37	20.50
		MID	Q16	19.22	19.46	19.43	20.50
		HIGH	Q16	19.30	19.40	19.53	20.50
	25	LOW	Q16	19.47	19.38	19.65	20.50
5	1	LOW	64QAM	19.42	19.37	19.71	20.50
		MID	64QAM	19.13	19.57	19.61	20.50
		HIGH	64QAM	19.40	19.53	19.60	20.50
	12	LOW	64QAM	18.34	18.42	18.33	19.50
		MID	64QAM	18.34	18.38	18.55	19.50
		HIGH	64QAM	18.37	18.36	18.54	19.50
	25	LOW	64QAM	18.33	18.61	18.69	19.50

LTE B66-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.33	21.45	21.60	22.50
		MID	QPSK	21.19	21.36	21.46	22.50
		HIGH	QPSK	21.30	21.38	21.55	22.50
	25	LOW	QPSK	20.40	20.55	20.48	21.50
		MID	QPSK	20.44	20.37	20.32	21.50
		HIGH	QPSK	20.26	20.33	20.56	21.50
	50	LOW	QPSK	20.40	20.29	20.51	21.50
10	1	LOW	Q16	20.36	20.44	20.58	21.50
		MID	Q16	20.38	20.58	20.34	21.50
		HIGH	Q16	20.39	20.24	20.52	21.50
	25	LOW	Q16	19.57	19.59	19.41	20.50
		MID	Q16	19.42	19.50	19.56	20.50
		HIGH	Q16	19.29	19.37	19.74	20.50
	50	LOW	Q16	19.49	19.46	19.70	20.50
10	1	LOW	64QAM	19.57	19.59	19.58	20.50
		MID	64QAM	19.08	19.40	19.53	20.50
		HIGH	64QAM	19.46	19.53	19.38	20.50
	25	LOW	64QAM	18.32	18.31	18.26	19.50
		MID	64QAM	18.12	18.35	18.51	19.50
		HIGH	64QAM	18.34	18.25	18.59	19.50
	50	LOW	64QAM	18.28	18.62	18.72	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.41	21.51	21.66	22.50
		MID	QPSK	21.37	21.56	21.46	22.50
		HIGH	QPSK	21.34	21.35	21.63	22.50
	36	LOW	QPSK	20.41	20.57	20.66	21.50
		MID	QPSK	20.42	20.55	20.24	21.50
		HIGH	QPSK	20.41	20.46	20.65	21.50
	75	LOW	QPSK	20.44	20.46	20.40	21.50
15	1	LOW	Q16	20.37	20.49	20.64	21.50
		MID	Q16	20.43	20.33	20.44	21.50
		HIGH	Q16	20.40	20.50	20.54	21.50
	36	LOW	Q16	19.39	19.41	19.55	20.50
		MID	Q16	19.31	19.34	19.57	20.50
		HIGH	Q16	19.20	19.45	19.65	20.50
	75	LOW	Q16	19.43	19.48	19.40	20.50
15	1	LOW	64QAM	19.37	19.40	19.44	20.50
		MID	64QAM	19.31	19.43	19.37	20.50
		HIGH	64QAM	19.45	19.43	19.36	20.50
	36	LOW	64QAM	18.50	18.41	18.47	19.50
		MID	64QAM	18.20	18.48	18.55	19.50
		HIGH	64QAM	18.18	18.21	18.72	19.50
	75	LOW	64QAM	18.22	18.65	18.70	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.42	21.43	22.50
		MID	QPSK	21.33	21.44	21.39	22.50
		HIGH	QPSK	21.37	21.39	21.43	22.50
	50	LOW	QPSK	20.42	20.48	20.41	21.50
		MID	QPSK	20.27	20.44	20.48	21.50
		HIGH	QPSK	20.25	20.33	20.44	21.50
	100	LOW	QPSK	20.37	20.50	20.55	21.50
20	1	LOW	Q16	20.51	20.46	20.57	21.50
		MID	Q16	20.22	20.54	20.50	21.50
		HIGH	Q16	20.47	20.51	20.48	21.50
	50	LOW	Q16	19.43	19.37	19.36	20.50
		MID	Q16	19.23	19.49	19.49	20.50
		HIGH	Q16	19.27	19.25	19.65	20.50
	100	LOW	Q16	19.23	19.54	19.65	20.50
20	1	LOW	64QAM	19.57	19.54	19.49	20.50
		MID	64QAM	19.12	19.48	19.35	20.50
		HIGH	64QAM	19.38	19.49	19.43	20.50
	50	LOW	64QAM	18.32	18.41	18.35	19.50
		MID	64QAM	18.31	18.42	18.63	19.50
		HIGH	64QAM	18.37	18.29	18.56	19.50
	100	LOW	64QAM	18.21	18.45	18.74	19.50

LTE B66-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.49	21.36	21.46	22.50
		MID	QPSK	21.42	21.40	21.30	22.50
		HIGH	QPSK	21.49	21.53	21.48	22.50
	3	LOW	QPSK	21.47	21.35	21.47	22.50
		MID	QPSK	21.38	21.26	21.30	22.50
		HIGH	QPSK	21.57	21.59	21.59	22.50
	6	LOW	QPSK	20.59	20.48	20.59	21.50
1.4	1	LOW	Q16	20.47	20.46	20.32	21.50
		MID	Q16	20.45	20.45	20.30	21.50
		HIGH	Q16	20.59	20.50	20.49	21.50
	3	LOW	Q16	20.40	20.43	20.55	21.50
		MID	Q16	20.49	20.23	20.39	21.50
		HIGH	Q16	20.46	20.53	20.44	21.50
	6	LOW	Q16	19.69	19.56	19.47	20.50
1.4	1	LOW	64QAM	19.56	19.54	19.19	20.50
		MID	64QAM	19.50	19.38	19.44	20.50
		HIGH	64QAM	19.67	19.57	19.39	20.50
	3	LOW	64QAM	19.37	19.45	19.69	20.50
		MID	64QAM	19.48	19.31	19.31	20.50
		HIGH	64QAM	19.32	19.44	19.36	20.50
	6	LOW	64QAM	18.80	18.58	18.42	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.44	21.52	21.64	22.50
		MID	QPSK	21.37	21.35	21.31	22.50
		HIGH	QPSK	21.31	21.45	21.58	22.50
	8	LOW	QPSK	20.30	20.44	20.68	21.50
		MID	QPSK	20.45	20.58	20.52	21.50
		HIGH	QPSK	20.50	20.36	20.63	21.50
	15	LOW	QPSK	20.21	20.57	20.43	21.50
3	1	LOW	Q16	20.44	20.28	20.58	21.50
		MID	Q16	20.38	20.29	20.50	21.50
		HIGH	Q16	20.28	20.24	20.69	21.50
	8	LOW	Q16	19.27	19.44	19.59	20.50
		MID	Q16	19.36	19.38	19.49	20.50
		HIGH	Q16	19.27	19.25	19.59	20.50
	15	LOW	Q16	19.29	19.57	19.63	20.50
3	1	LOW	64QAM	19.49	19.60	19.64	20.50
		MID	64QAM	19.13	19.57	19.41	20.50
		HIGH	64QAM	19.54	19.46	19.53	20.50
	8	LOW	64QAM	18.32	18.29	18.27	19.50
		MID	64QAM	18.25	18.52	18.40	19.50
		HIGH	64QAM	18.39	18.38	18.79	19.50
	15	LOW	64QAM	18.36	18.45	18.56	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.44	21.50	22.50
		MID	QPSK	21.20	21.39	21.28	22.50
		HIGH	QPSK	21.43	21.53	21.60	22.50
	12	LOW	QPSK	20.47	20.52	20.55	21.50
		MID	QPSK	20.41	20.40	20.43	21.50
		HIGH	QPSK	20.35	20.24	20.57	21.50
	25	LOW	QPSK	20.21	20.57	20.43	21.50
5	1	LOW	Q16	20.22	20.56	20.68	21.50
		MID	Q16	20.25	20.58	20.44	21.50
		HIGH	Q16	20.41	20.54	20.48	21.50
	12	LOW	Q16	19.42	19.45	19.37	20.50
		MID	Q16	19.22	19.46	19.43	20.50
		HIGH	Q16	19.30	19.40	19.53	20.50
	25	LOW	Q16	19.47	19.38	19.65	20.50
5	1	LOW	64QAM	19.42	19.37	19.71	20.50
		MID	64QAM	19.13	19.57	19.61	20.50
		HIGH	64QAM	19.40	19.53	19.60	20.50
	12	LOW	64QAM	18.34	18.42	18.33	19.50
		MID	64QAM	18.34	18.38	18.55	19.50
		HIGH	64QAM	18.37	18.36	18.54	19.50
	25	LOW	64QAM	18.33	18.61	18.69	19.50

LTE B66-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.33	21.45	21.60	22.50
		MID	QPSK	21.19	21.36	21.46	22.50
		HIGH	QPSK	21.30	21.38	21.55	22.50
	25	LOW	QPSK	20.40	20.55	20.48	21.50
		MID	QPSK	20.44	20.37	20.32	21.50
		HIGH	QPSK	20.26	20.33	20.56	21.50
	50	LOW	QPSK	20.40	20.29	20.51	21.50
10	1	LOW	Q16	20.36	20.44	20.58	21.50
		MID	Q16	20.38	20.58	20.34	21.50
		HIGH	Q16	20.39	20.24	20.52	21.50
	25	LOW	Q16	19.57	19.59	19.41	20.50
		MID	Q16	19.42	19.50	19.56	20.50
		HIGH	Q16	19.29	19.37	19.74	20.50
	50	LOW	Q16	19.49	19.46	19.70	20.50
10	1	LOW	64QAM	19.57	19.59	19.58	20.50
		MID	64QAM	19.08	19.40	19.53	20.50
		HIGH	64QAM	19.46	19.53	19.38	20.50
	25	LOW	64QAM	18.32	18.31	18.26	19.50
		MID	64QAM	18.12	18.35	18.51	19.50
		HIGH	64QAM	18.34	18.25	18.59	19.50
	50	LOW	64QAM	18.28	18.62	18.72	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.41	21.51	21.66	22.50
		MID	QPSK	21.37	21.56	21.46	22.50
		HIGH	QPSK	21.34	21.35	21.63	22.50
	36	LOW	QPSK	20.41	20.57	20.66	21.50
		MID	QPSK	20.42	20.55	20.24	21.50
		HIGH	QPSK	20.41	20.46	20.65	21.50
	75	LOW	QPSK	20.44	20.46	20.40	21.50
15	1	LOW	Q16	20.37	20.49	20.64	21.50
		MID	Q16	20.43	20.33	20.44	21.50
		HIGH	Q16	20.40	20.50	20.54	21.50
	36	LOW	Q16	19.39	19.41	19.55	20.50
		MID	Q16	19.31	19.34	19.57	20.50
		HIGH	Q16	19.20	19.45	19.65	20.50
	75	LOW	Q16	19.43	19.48	19.40	20.50
15	1	LOW	64QAM	19.37	19.40	19.44	20.50
		MID	64QAM	19.31	19.43	19.37	20.50
		HIGH	64QAM	19.45	19.43	19.36	20.50
	36	LOW	64QAM	18.50	18.41	18.47	19.50
		MID	64QAM	18.20	18.48	18.55	19.50
		HIGH	64QAM	18.18	18.21	18.72	19.50
	75	LOW	64QAM	18.22	18.65	18.70	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.42	21.43	22.50
		MID	QPSK	21.33	21.44	21.39	22.50
		HIGH	QPSK	21.37	21.39	21.43	22.50
	50	LOW	QPSK	20.42	20.48	20.41	21.50
		MID	QPSK	20.27	20.44	20.48	21.50
		HIGH	QPSK	20.25	20.33	20.44	21.50
	100	LOW	QPSK	20.37	20.50	20.55	21.50
20	1	LOW	Q16	20.51	20.46	20.57	21.50
		MID	Q16	20.22	20.54	20.50	21.50
		HIGH	Q16	20.47	20.51	20.48	21.50
	50	LOW	Q16	19.43	19.37	19.36	20.50
		MID	Q16	19.23	19.49	19.49	20.50
		HIGH	Q16	19.27	19.25	19.65	20.50
	100	LOW	Q16	19.23	19.54	19.65	20.50
20	1	LOW	64QAM	19.57	19.54	19.49	20.50
		MID	64QAM	19.12	19.48	19.35	20.50
		HIGH	64QAM	19.38	19.49	19.43	20.50
	50	LOW	64QAM	18.32	18.41	18.35	19.50
		MID	64QAM	18.31	18.42	18.63	19.50
		HIGH	64QAM	18.37	18.29	18.56	19.50
	100	LOW	64QAM	18.21	18.45	18.74	19.50

LTE B66-Level4_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.49	21.36	21.46	22.50
		MID	QPSK	21.42	21.40	21.30	22.50
		HIGH	QPSK	21.49	21.53	21.48	22.50
	3	LOW	QPSK	21.47	21.35	21.47	22.50
		MID	QPSK	21.38	21.26	21.30	22.50
		HIGH	QPSK	21.57	21.59	21.59	22.50
6	LOW	QPSK	20.59	20.48	20.59	21.50	
1.4	1	LOW	Q16	20.47	20.46	20.32	21.50
		MID	Q16	20.45	20.45	20.30	21.50
		HIGH	Q16	20.59	20.50	20.49	21.50
	3	LOW	Q16	20.40	20.43	20.55	21.50
		MID	Q16	20.49	20.23	20.39	21.50
		HIGH	Q16	20.46	20.53	20.44	21.50
6	LOW	Q16	19.69	19.56	19.47	20.50	
1.4	1	LOW	64QAM	19.56	19.54	19.19	20.50
		MID	64QAM	19.50	19.38	19.44	20.50
		HIGH	64QAM	19.67	19.57	19.39	20.50
	3	LOW	64QAM	19.37	19.45	19.69	20.50
		MID	64QAM	19.48	19.31	19.31	20.50
		HIGH	64QAM	19.32	19.44	19.36	20.50
6	LOW	64QAM	18.80	18.58	18.42	19.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.44	21.52	21.64	22.50
		MID	QPSK	21.37	21.35	21.31	22.50
		HIGH	QPSK	21.31	21.45	21.58	22.50
	8	LOW	QPSK	20.30	20.44	20.68	21.50
		MID	QPSK	20.45	20.58	20.52	21.50
		HIGH	QPSK	20.50	20.36	20.63	21.50
15	LOW	QPSK	20.21	20.57	20.43	21.50	
3	1	LOW	Q16	20.44	20.28	20.58	21.50
		MID	Q16	20.38	20.29	20.50	21.50
		HIGH	Q16	20.28	20.24	20.69	21.50
	8	LOW	Q16	19.27	19.44	19.59	20.50
		MID	Q16	19.36	19.38	19.49	20.50
		HIGH	Q16	19.27	19.25	19.59	20.50
15	LOW	Q16	19.29	19.57	19.63	20.50	
3	1	LOW	64QAM	19.49	19.60	19.64	20.50
		MID	64QAM	19.13	19.57	19.41	20.50
		HIGH	64QAM	19.54	19.46	19.53	20.50
	8	LOW	64QAM	18.32	18.29	18.27	19.50
		MID	64QAM	18.25	18.52	18.40	19.50
		HIGH	64QAM	18.39	18.38	18.79	19.50
15	LOW	64QAM	18.36	18.45	18.56	19.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.44	21.50	22.50
		MID	QPSK	21.20	21.39	21.28	22.50
		HIGH	QPSK	21.43	21.53	21.60	22.50
	12	LOW	QPSK	20.47	20.52	20.55	21.50
		MID	QPSK	20.41	20.40	20.43	21.50
		HIGH	QPSK	20.35	20.24	20.57	21.50
25	LOW	QPSK	20.21	20.57	20.43	21.50	
5	1	LOW	Q16	20.22	20.56	20.68	21.50
		MID	Q16	20.25	20.58	20.44	21.50
		HIGH	Q16	20.41	20.54	20.48	21.50
	12	LOW	Q16	19.42	19.45	19.37	20.50
		MID	Q16	19.22	19.46	19.43	20.50
		HIGH	Q16	19.30	19.40	19.53	20.50
25	LOW	Q16	19.47	19.38	19.65	20.50	
5	1	LOW	64QAM	19.42	19.37	19.71	20.50
		MID	64QAM	19.13	19.57	19.61	20.50
		HIGH	64QAM	19.40	19.53	19.60	20.50
	12	LOW	64QAM	18.34	18.42	18.33	19.50
		MID	64QAM	18.34	18.38	18.55	19.50
		HIGH	64QAM	18.37	18.36	18.54	19.50
25	LOW	64QAM	18.33	18.61	18.69	19.50	

LTE B66-Level4_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.33	21.45	21.60	22.50
		MID	QPSK	21.19	21.36	21.46	22.50
		HIGH	QPSK	21.30	21.38	21.55	22.50
	25	LOW	QPSK	20.40	20.55	20.48	21.50
		MID	QPSK	20.44	20.37	20.32	21.50
		HIGH	QPSK	20.26	20.33	20.56	21.50
	50	LOW	QPSK	20.40	20.29	20.51	21.50
10	1	LOW	Q16	20.36	20.44	20.58	21.50
		MID	Q16	20.38	20.58	20.34	21.50
		HIGH	Q16	20.39	20.24	20.52	21.50
	25	LOW	Q16	19.57	19.59	19.41	20.50
		MID	Q16	19.42	19.50	19.56	20.50
		HIGH	Q16	19.29	19.37	19.74	20.50
	50	LOW	Q16	19.49	19.46	19.70	20.50
10	1	LOW	64QAM	19.57	19.59	19.58	20.50
		MID	64QAM	19.08	19.40	19.53	20.50
		HIGH	64QAM	19.46	19.53	19.38	20.50
	25	LOW	64QAM	18.32	18.31	18.26	19.50
		MID	64QAM	18.12	18.35	18.51	19.50
		HIGH	64QAM	18.34	18.25	18.59	19.50
	50	LOW	64QAM	18.28	18.62	18.72	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.41	21.51	21.66	22.50
		MID	QPSK	21.37	21.56	21.46	22.50
		HIGH	QPSK	21.34	21.35	21.63	22.50
	36	LOW	QPSK	20.41	20.57	20.66	21.50
		MID	QPSK	20.42	20.55	20.24	21.50
		HIGH	QPSK	20.41	20.46	20.65	21.50
	75	LOW	QPSK	20.44	20.46	20.40	21.50
15	1	LOW	Q16	20.37	20.49	20.64	21.50
		MID	Q16	20.43	20.33	20.44	21.50
		HIGH	Q16	20.40	20.50	20.54	21.50
	36	LOW	Q16	19.39	19.41	19.55	20.50
		MID	Q16	19.31	19.34	19.57	20.50
		HIGH	Q16	19.20	19.45	19.65	20.50
	75	LOW	Q16	19.43	19.48	19.40	20.50
15	1	LOW	64QAM	19.37	19.40	19.44	20.50
		MID	64QAM	19.31	19.43	19.37	20.50
		HIGH	64QAM	19.45	19.43	19.36	20.50
	36	LOW	64QAM	18.50	18.41	18.47	19.50
		MID	64QAM	18.20	18.48	18.55	19.50
		HIGH	64QAM	18.18	18.21	18.72	19.50
	75	LOW	64QAM	18.22	18.65	18.70	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.42	21.43	22.50
		MID	QPSK	21.33	21.44	21.39	22.50
		HIGH	QPSK	21.37	21.39	21.43	22.50
	50	LOW	QPSK	20.42	20.48	20.41	21.50
		MID	QPSK	20.27	20.44	20.48	21.50
		HIGH	QPSK	20.25	20.33	20.44	21.50
	100	LOW	QPSK	20.37	20.50	20.55	21.50
20	1	LOW	Q16	20.51	20.46	20.57	21.50
		MID	Q16	20.22	20.54	20.50	21.50
		HIGH	Q16	20.47	20.51	20.48	21.50
	50	LOW	Q16	19.43	19.37	19.36	20.50
		MID	Q16	19.23	19.49	19.49	20.50
		HIGH	Q16	19.27	19.25	19.65	20.50
	100	LOW	Q16	19.23	19.54	19.65	20.50
20	1	LOW	64QAM	19.57	19.54	19.49	20.50
		MID	64QAM	19.12	19.48	19.35	20.50
		HIGH	64QAM	19.38	19.49	19.43	20.50
	50	LOW	64QAM	18.32	18.41	18.35	19.50
		MID	64QAM	18.31	18.42	18.63	19.50
		HIGH	64QAM	18.37	18.29	18.56	19.50
	100	LOW	64QAM	18.21	18.45	18.74	19.50

LTE B66-Level4_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.49	21.36	21.46	22.50
		MID	QPSK	21.42	21.40	21.30	22.50
		HIGH	QPSK	21.49	21.53	21.48	22.50
	3	LOW	QPSK	21.47	21.35	21.47	22.50
		MID	QPSK	21.38	21.26	21.30	22.50
		HIGH	QPSK	21.57	21.59	21.59	22.50
	6	LOW	QPSK	20.59	20.48	20.59	21.50
1.4	1	LOW	Q16	20.47	20.46	20.32	21.50
		MID	Q16	20.45	20.45	20.30	21.50
		HIGH	Q16	20.59	20.50	20.49	21.50
	3	LOW	Q16	20.40	20.43	20.55	21.50
		MID	Q16	20.49	20.23	20.39	21.50
		HIGH	Q16	20.46	20.53	20.44	21.50
	6	LOW	Q16	19.69	19.56	19.47	20.50
1.4	1	LOW	64QAM	19.56	19.54	19.19	20.50
		MID	64QAM	19.50	19.38	19.44	20.50
		HIGH	64QAM	19.67	19.57	19.39	20.50
	3	LOW	64QAM	19.37	19.45	19.69	20.50
		MID	64QAM	19.48	19.31	19.31	20.50
		HIGH	64QAM	19.32	19.44	19.36	20.50
	6	LOW	64QAM	18.80	18.58	18.42	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.44	21.52	21.64	22.50
		MID	QPSK	21.37	21.35	21.31	22.50
		HIGH	QPSK	21.31	21.45	21.58	22.50
	8	LOW	QPSK	20.30	20.44	20.68	21.50
		MID	QPSK	20.45	20.58	20.52	21.50
		HIGH	QPSK	20.50	20.36	20.63	21.50
	15	LOW	QPSK	20.21	20.57	20.43	21.50
3	1	LOW	Q16	20.44	20.28	20.58	21.50
		MID	Q16	20.38	20.29	20.50	21.50
		HIGH	Q16	20.28	20.24	20.69	21.50
	8	LOW	Q16	19.27	19.44	19.59	20.50
		MID	Q16	19.36	19.38	19.49	20.50
		HIGH	Q16	19.27	19.25	19.59	20.50
	15	LOW	Q16	19.29	19.57	19.63	20.50
3	1	LOW	64QAM	19.49	19.60	19.64	20.50
		MID	64QAM	19.13	19.57	19.41	20.50
		HIGH	64QAM	19.54	19.46	19.53	20.50
	8	LOW	64QAM	18.32	18.29	18.27	19.50
		MID	64QAM	18.25	18.52	18.40	19.50
		HIGH	64QAM	18.39	18.38	18.79	19.50
	15	LOW	64QAM	18.36	18.45	18.56	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.44	21.50	22.50
		MID	QPSK	21.20	21.39	21.28	22.50
		HIGH	QPSK	21.43	21.53	21.60	22.50
	12	LOW	QPSK	20.47	20.52	20.55	21.50
		MID	QPSK	20.41	20.40	20.43	21.50
		HIGH	QPSK	20.35	20.24	20.57	21.50
	25	LOW	QPSK	20.21	20.57	20.43	21.50
5	1	LOW	Q16	20.22	20.56	20.68	21.50
		MID	Q16	20.25	20.58	20.44	21.50
		HIGH	Q16	20.41	20.54	20.48	21.50
	12	LOW	Q16	19.42	19.45	19.37	20.50
		MID	Q16	19.22	19.46	19.43	20.50
		HIGH	Q16	19.30	19.40	19.53	20.50
	25	LOW	Q16	19.47	19.38	19.65	20.50
5	1	LOW	64QAM	19.42	19.37	19.71	20.50
		MID	64QAM	19.13	19.57	19.61	20.50
		HIGH	64QAM	19.40	19.53	19.60	20.50
	12	LOW	64QAM	18.34	18.42	18.33	19.50
		MID	64QAM	18.34	18.38	18.55	19.50
		HIGH	64QAM	18.37	18.36	18.54	19.50
	25	LOW	64QAM	18.33	18.61	18.69	19.50

LTE B66-Level4_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.33	21.45	21.60	22.50
		MID	QPSK	21.19	21.36	21.46	22.50
		HIGH	QPSK	21.30	21.38	21.55	22.50
	25	LOW	QPSK	20.40	20.55	20.48	21.50
		MID	QPSK	20.44	20.37	20.32	21.50
		HIGH	QPSK	20.26	20.33	20.56	21.50
	50	LOW	QPSK	20.40	20.29	20.51	21.50
10	1	LOW	Q16	20.36	20.44	20.58	21.50
		MID	Q16	20.38	20.58	20.34	21.50
		HIGH	Q16	20.39	20.24	20.52	21.50
	25	LOW	Q16	19.57	19.59	19.41	20.50
		MID	Q16	19.42	19.50	19.56	20.50
		HIGH	Q16	19.29	19.37	19.74	20.50
	50	LOW	Q16	19.49	19.46	19.70	20.50
10	1	LOW	64QAM	19.57	19.59	19.58	20.50
		MID	64QAM	19.08	19.40	19.53	20.50
		HIGH	64QAM	19.46	19.53	19.38	20.50
	25	LOW	64QAM	18.32	18.31	18.26	19.50
		MID	64QAM	18.12	18.35	18.51	19.50
		HIGH	64QAM	18.34	18.25	18.59	19.50
	50	LOW	64QAM	18.28	18.62	18.72	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.41	21.51	21.66	22.50
		MID	QPSK	21.37	21.56	21.46	22.50
		HIGH	QPSK	21.34	21.35	21.63	22.50
	36	LOW	QPSK	20.41	20.57	20.66	21.50
		MID	QPSK	20.42	20.55	20.24	21.50
		HIGH	QPSK	20.41	20.46	20.65	21.50
	75	LOW	QPSK	20.44	20.46	20.40	21.50
15	1	LOW	Q16	20.37	20.49	20.64	21.50
		MID	Q16	20.43	20.33	20.44	21.50
		HIGH	Q16	20.40	20.50	20.54	21.50
	36	LOW	Q16	19.39	19.41	19.55	20.50
		MID	Q16	19.31	19.34	19.57	20.50
		HIGH	Q16	19.20	19.45	19.65	20.50
	75	LOW	Q16	19.43	19.48	19.40	20.50
15	1	LOW	64QAM	19.37	19.40	19.44	20.50
		MID	64QAM	19.31	19.43	19.37	20.50
		HIGH	64QAM	19.45	19.43	19.36	20.50
	36	LOW	64QAM	18.50	18.41	18.47	19.50
		MID	64QAM	18.20	18.48	18.55	19.50
		HIGH	64QAM	18.18	18.21	18.72	19.50
	75	LOW	64QAM	18.22	18.65	18.70	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.42	21.43	22.50
		MID	QPSK	21.33	21.44	21.39	22.50
		HIGH	QPSK	21.37	21.39	21.43	22.50
	50	LOW	QPSK	20.42	20.48	20.41	21.50
		MID	QPSK	20.27	20.44	20.48	21.50
		HIGH	QPSK	20.25	20.33	20.44	21.50
	100	LOW	QPSK	20.37	20.50	20.55	21.50
20	1	LOW	Q16	20.51	20.46	20.57	21.50
		MID	Q16	20.22	20.54	20.50	21.50
		HIGH	Q16	20.47	20.51	20.48	21.50
	50	LOW	Q16	19.43	19.37	19.36	20.50
		MID	Q16	19.23	19.49	19.49	20.50
		HIGH	Q16	19.27	19.25	19.65	20.50
	100	LOW	Q16	19.23	19.54	19.65	20.50
20	1	LOW	64QAM	19.57	19.54	19.49	20.50
		MID	64QAM	19.12	19.48	19.35	20.50
		HIGH	64QAM	19.38	19.49	19.43	20.50
	50	LOW	64QAM	18.32	18.41	18.35	19.50
		MID	64QAM	18.31	18.42	18.63	19.50
		HIGH	64QAM	18.37	18.29	18.56	19.50
	100	LOW	64QAM	18.21	18.45	18.74	19.50

LTE B66-Level5&6_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.49	21.36	21.46	22.50
		MID	QPSK	21.42	21.40	21.30	22.50
		HIGH	QPSK	21.49	21.53	21.48	22.50
	3	LOW	QPSK	21.47	21.35	21.47	22.50
		MID	QPSK	21.38	21.26	21.30	22.50
		HIGH	QPSK	21.57	21.59	21.59	22.50
	6	LOW	QPSK	20.59	20.48	20.59	21.50
1.4	1	LOW	Q16	20.47	20.46	20.32	21.50
		MID	Q16	20.45	20.45	20.30	21.50
		HIGH	Q16	20.59	20.50	20.49	21.50
	3	LOW	Q16	20.40	20.43	20.55	21.50
		MID	Q16	20.49	20.23	20.39	21.50
		HIGH	Q16	20.46	20.53	20.44	21.50
	6	LOW	Q16	19.69	19.56	19.47	20.50
1.4	1	LOW	64QAM	19.56	19.54	19.19	20.50
		MID	64QAM	19.50	19.38	19.44	20.50
		HIGH	64QAM	19.67	19.57	19.39	20.50
	3	LOW	64QAM	19.37	19.45	19.69	20.50
		MID	64QAM	19.48	19.31	19.31	20.50
		HIGH	64QAM	19.32	19.44	19.36	20.50
	6	LOW	64QAM	18.80	18.58	18.42	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.44	21.52	21.64	22.50
		MID	QPSK	21.37	21.35	21.31	22.50
		HIGH	QPSK	21.31	21.45	21.58	22.50
	8	LOW	QPSK	20.30	20.44	20.68	21.50
		MID	QPSK	20.45	20.58	20.52	21.50
		HIGH	QPSK	20.50	20.36	20.63	21.50
	15	LOW	QPSK	20.21	20.57	20.43	21.50
3	1	LOW	Q16	20.44	20.28	20.58	21.50
		MID	Q16	20.38	20.29	20.50	21.50
		HIGH	Q16	20.28	20.24	20.69	21.50
	8	LOW	Q16	19.27	19.44	19.59	20.50
		MID	Q16	19.36	19.38	19.49	20.50
		HIGH	Q16	19.27	19.25	19.59	20.50
	15	LOW	Q16	19.29	19.57	19.63	20.50
3	1	LOW	64QAM	19.49	19.60	19.64	20.50
		MID	64QAM	19.13	19.57	19.41	20.50
		HIGH	64QAM	19.54	19.46	19.53	20.50
	8	LOW	64QAM	18.32	18.29	18.27	19.50
		MID	64QAM	18.25	18.52	18.40	19.50
		HIGH	64QAM	18.39	18.38	18.79	19.50
	15	LOW	64QAM	18.36	18.45	18.56	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.44	21.50	22.50
		MID	QPSK	21.20	21.39	21.28	22.50
		HIGH	QPSK	21.43	21.53	21.60	22.50
	12	LOW	QPSK	20.47	20.52	20.55	21.50
		MID	QPSK	20.41	20.40	20.43	21.50
		HIGH	QPSK	20.35	20.24	20.57	21.50
	25	LOW	QPSK	20.21	20.57	20.43	21.50
5	1	LOW	Q16	20.22	20.56	20.68	21.50
		MID	Q16	20.25	20.58	20.44	21.50
		HIGH	Q16	20.41	20.54	20.48	21.50
	12	LOW	Q16	19.42	19.45	19.37	20.50
		MID	Q16	19.22	19.46	19.43	20.50
		HIGH	Q16	19.30	19.40	19.53	20.50
	25	LOW	Q16	19.47	19.38	19.65	20.50
5	1	LOW	64QAM	19.42	19.37	19.71	20.50
		MID	64QAM	19.13	19.57	19.61	20.50
		HIGH	64QAM	19.40	19.53	19.60	20.50
	12	LOW	64QAM	18.34	18.42	18.33	19.50
		MID	64QAM	18.34	18.38	18.55	19.50
		HIGH	64QAM	18.37	18.36	18.54	19.50
	25	LOW	64QAM	18.33	18.61	18.69	19.50

LTE B66-Level5&6_OFF -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.33	21.45	21.60	22.50
		MID	QPSK	21.19	21.36	21.46	22.50
		HIGH	QPSK	21.30	21.38	21.55	22.50
	25	LOW	QPSK	20.40	20.55	20.48	21.50
		MID	QPSK	20.44	20.37	20.32	21.50
		HIGH	QPSK	20.26	20.33	20.56	21.50
	50	LOW	QPSK	20.40	20.29	20.51	21.50
10	1	LOW	Q16	20.36	20.44	20.58	21.50
		MID	Q16	20.38	20.58	20.34	21.50
		HIGH	Q16	20.39	20.24	20.52	21.50
	25	LOW	Q16	19.57	19.59	19.41	20.50
		MID	Q16	19.42	19.50	19.56	20.50
		HIGH	Q16	19.29	19.37	19.74	20.50
	50	LOW	Q16	19.49	19.46	19.70	20.50
10	1	LOW	64QAM	19.57	19.59	19.58	20.50
		MID	64QAM	19.08	19.40	19.53	20.50
		HIGH	64QAM	19.46	19.53	19.38	20.50
	25	LOW	64QAM	18.32	18.31	18.26	19.50
		MID	64QAM	18.12	18.35	18.51	19.50
		HIGH	64QAM	18.34	18.25	18.59	19.50
	50	LOW	64QAM	18.28	18.62	18.72	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.41	21.51	21.66	22.50
		MID	QPSK	21.37	21.56	21.46	22.50
		HIGH	QPSK	21.34	21.35	21.63	22.50
	36	LOW	QPSK	20.41	20.57	20.66	21.50
		MID	QPSK	20.42	20.55	20.24	21.50
		HIGH	QPSK	20.41	20.46	20.65	21.50
	75	LOW	QPSK	20.44	20.46	20.40	21.50
15	1	LOW	Q16	20.37	20.49	20.64	21.50
		MID	Q16	20.43	20.33	20.44	21.50
		HIGH	Q16	20.40	20.50	20.54	21.50
	36	LOW	Q16	19.39	19.41	19.55	20.50
		MID	Q16	19.31	19.34	19.57	20.50
		HIGH	Q16	19.20	19.45	19.65	20.50
	75	LOW	Q16	19.43	19.48	19.40	20.50
15	1	LOW	64QAM	19.37	19.40	19.44	20.50
		MID	64QAM	19.31	19.43	19.37	20.50
		HIGH	64QAM	19.45	19.43	19.36	20.50
	36	LOW	64QAM	18.50	18.41	18.47	19.50
		MID	64QAM	18.20	18.48	18.55	19.50
		HIGH	64QAM	18.18	18.21	18.72	19.50
	75	LOW	64QAM	18.22	18.65	18.70	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.42	21.43	22.50
		MID	QPSK	21.33	21.44	21.39	22.50
		HIGH	QPSK	21.37	21.39	21.43	22.50
	50	LOW	QPSK	20.42	20.48	20.41	21.50
		MID	QPSK	20.27	20.44	20.48	21.50
		HIGH	QPSK	20.25	20.33	20.44	21.50
	100	LOW	QPSK	20.37	20.50	20.55	21.50
20	1	LOW	Q16	20.51	20.46	20.57	21.50
		MID	Q16	20.22	20.54	20.50	21.50
		HIGH	Q16	20.47	20.51	20.48	21.50
	50	LOW	Q16	19.43	19.37	19.36	20.50
		MID	Q16	19.23	19.49	19.49	20.50
		HIGH	Q16	19.27	19.25	19.65	20.50
	100	LOW	Q16	19.23	19.54	19.65	20.50
20	1	LOW	64QAM	19.57	19.54	19.49	20.50
		MID	64QAM	19.12	19.48	19.35	20.50
		HIGH	64QAM	19.38	19.49	19.43	20.50
	50	LOW	64QAM	18.32	18.41	18.35	19.50
		MID	64QAM	18.31	18.42	18.63	19.50
		HIGH	64QAM	18.37	18.29	18.56	19.50
	100	LOW	64QAM	18.21	18.45	18.74	19.50

LTE B66-Level5&6_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.49	21.36	21.46	22.50
		MID	QPSK	21.42	21.40	21.30	22.50
		HIGH	QPSK	21.49	21.53	21.48	22.50
	3	LOW	QPSK	21.47	21.35	21.47	22.50
		MID	QPSK	21.38	21.26	21.30	22.50
		HIGH	QPSK	21.57	21.59	21.59	22.50
	6	LOW	QPSK	20.59	20.48	20.59	21.50
1.4	1	LOW	Q16	20.47	20.46	20.32	21.50
		MID	Q16	20.45	20.45	20.30	21.50
		HIGH	Q16	20.59	20.50	20.49	21.50
	3	LOW	Q16	20.40	20.43	20.55	21.50
		MID	Q16	20.49	20.23	20.39	21.50
		HIGH	Q16	20.46	20.53	20.44	21.50
	6	LOW	Q16	19.69	19.56	19.47	20.50
1.4	1	LOW	64QAM	19.56	19.54	19.19	20.50
		MID	64QAM	19.50	19.38	19.44	20.50
		HIGH	64QAM	19.67	19.57	19.39	20.50
	3	LOW	64QAM	19.37	19.45	19.69	20.50
		MID	64QAM	19.48	19.31	19.31	20.50
		HIGH	64QAM	19.32	19.44	19.36	20.50
	6	LOW	64QAM	18.80	18.58	18.42	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.44	21.52	21.64	22.50
		MID	QPSK	21.37	21.35	21.31	22.50
		HIGH	QPSK	21.31	21.45	21.58	22.50
	8	LOW	QPSK	20.30	20.44	20.68	21.50
		MID	QPSK	20.45	20.58	20.52	21.50
		HIGH	QPSK	20.50	20.36	20.63	21.50
	15	LOW	QPSK	20.21	20.57	20.43	21.50
3	1	LOW	Q16	20.44	20.28	20.58	21.50
		MID	Q16	20.38	20.29	20.50	21.50
		HIGH	Q16	20.28	20.24	20.69	21.50
	8	LOW	Q16	19.27	19.44	19.59	20.50
		MID	Q16	19.36	19.38	19.49	20.50
		HIGH	Q16	19.27	19.25	19.59	20.50
	15	LOW	Q16	19.29	19.57	19.63	20.50
3	1	LOW	64QAM	19.49	19.60	19.64	20.50
		MID	64QAM	19.13	19.57	19.41	20.50
		HIGH	64QAM	19.54	19.46	19.53	20.50
	8	LOW	64QAM	18.32	18.29	18.27	19.50
		MID	64QAM	18.25	18.52	18.40	19.50
		HIGH	64QAM	18.39	18.38	18.79	19.50
	15	LOW	64QAM	18.36	18.45	18.56	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.44	21.50	22.50
		MID	QPSK	21.20	21.39	21.28	22.50
		HIGH	QPSK	21.43	21.53	21.60	22.50
	12	LOW	QPSK	20.47	20.52	20.55	21.50
		MID	QPSK	20.41	20.40	20.43	21.50
		HIGH	QPSK	20.35	20.24	20.57	21.50
	25	LOW	QPSK	20.21	20.57	20.43	21.50
5	1	LOW	Q16	20.22	20.56	20.68	21.50
		MID	Q16	20.25	20.58	20.44	21.50
		HIGH	Q16	20.41	20.54	20.48	21.50
	12	LOW	Q16	19.42	19.45	19.37	20.50
		MID	Q16	19.22	19.46	19.43	20.50
		HIGH	Q16	19.30	19.40	19.53	20.50
	25	LOW	Q16	19.47	19.38	19.65	20.50
5	1	LOW	64QAM	19.42	19.37	19.71	20.50
		MID	64QAM	19.13	19.57	19.61	20.50
		HIGH	64QAM	19.40	19.53	19.60	20.50
	12	LOW	64QAM	18.34	18.42	18.33	19.50
		MID	64QAM	18.34	18.38	18.55	19.50
		HIGH	64QAM	18.37	18.36	18.54	19.50
	25	LOW	64QAM	18.33	18.61	18.69	19.50

LTE B66-Level5&6_ON2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.33	21.45	21.60	22.50
		MID	QPSK	21.19	21.36	21.46	22.50
		HIGH	QPSK	21.30	21.38	21.55	22.50
	25	LOW	QPSK	20.40	20.55	20.48	21.50
		MID	QPSK	20.44	20.37	20.32	21.50
		HIGH	QPSK	20.26	20.33	20.56	21.50
	50	LOW	QPSK	20.40	20.29	20.51	21.50
10	1	LOW	Q16	20.36	20.44	20.58	21.50
		MID	Q16	20.38	20.58	20.34	21.50
		HIGH	Q16	20.39	20.24	20.52	21.50
	25	LOW	Q16	19.57	19.59	19.41	20.50
		MID	Q16	19.42	19.50	19.56	20.50
		HIGH	Q16	19.29	19.37	19.74	20.50
	50	LOW	Q16	19.49	19.46	19.70	20.50
10	1	LOW	64QAM	19.57	19.59	19.58	20.50
		MID	64QAM	19.08	19.40	19.53	20.50
		HIGH	64QAM	19.46	19.53	19.38	20.50
	25	LOW	64QAM	18.32	18.31	18.26	19.50
		MID	64QAM	18.12	18.35	18.51	19.50
		HIGH	64QAM	18.34	18.25	18.59	19.50
	50	LOW	64QAM	18.28	18.62	18.72	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.41	21.51	21.66	22.50
		MID	QPSK	21.37	21.56	21.46	22.50
		HIGH	QPSK	21.34	21.35	21.63	22.50
	36	LOW	QPSK	20.41	20.57	20.66	21.50
		MID	QPSK	20.42	20.55	20.24	21.50
		HIGH	QPSK	20.41	20.46	20.65	21.50
	75	LOW	QPSK	20.44	20.46	20.40	21.50
15	1	LOW	Q16	20.37	20.49	20.64	21.50
		MID	Q16	20.43	20.33	20.44	21.50
		HIGH	Q16	20.40	20.50	20.54	21.50
	36	LOW	Q16	19.39	19.41	19.55	20.50
		MID	Q16	19.31	19.34	19.57	20.50
		HIGH	Q16	19.20	19.45	19.65	20.50
	75	LOW	Q16	19.43	19.48	19.40	20.50
15	1	LOW	64QAM	19.37	19.40	19.44	20.50
		MID	64QAM	19.31	19.43	19.37	20.50
		HIGH	64QAM	19.45	19.43	19.36	20.50
	36	LOW	64QAM	18.50	18.41	18.47	19.50
		MID	64QAM	18.20	18.48	18.55	19.50
		HIGH	64QAM	18.18	18.21	18.72	19.50
	75	LOW	64QAM	18.22	18.65	18.70	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.42	21.43	22.50
		MID	QPSK	21.33	21.44	21.39	22.50
		HIGH	QPSK	21.37	21.39	21.43	22.50
	50	LOW	QPSK	20.42	20.48	20.41	21.50
		MID	QPSK	20.27	20.44	20.48	21.50
		HIGH	QPSK	20.25	20.33	20.44	21.50
	100	LOW	QPSK	20.37	20.50	20.55	21.50
20	1	LOW	Q16	20.51	20.46	20.57	21.50
		MID	Q16	20.22	20.54	20.50	21.50
		HIGH	Q16	20.47	20.51	20.48	21.50
	50	LOW	Q16	19.43	19.37	19.36	20.50
		MID	Q16	19.23	19.49	19.49	20.50
		HIGH	Q16	19.27	19.25	19.65	20.50
	100	LOW	Q16	19.23	19.54	19.65	20.50
20	1	LOW	64QAM	19.57	19.54	19.49	20.50
		MID	64QAM	19.12	19.48	19.35	20.50
		HIGH	64QAM	19.38	19.49	19.43	20.50
	50	LOW	64QAM	18.32	18.41	18.35	19.50
		MID	64QAM	18.31	18.42	18.63	19.50
		HIGH	64QAM	18.37	18.29	18.56	19.50
	100	LOW	64QAM	18.21	18.45	18.74	19.50