

8 CONDUCTED RF OUTPUT POWER

8.1	GSM Output Power
8.2	WCDMA Output Power
8.3	LTE Output Power
8.3.1	LTE Band2 Output Power
8.3.2	LTE Band4 Output Power
8.3.3	LTE Band5 Output Power
8.3.4	LTE Band7 Output Power
8.3.5	LTE Band12 Output Power
8.3.6	LTE Band17 Output Power
8.3.7	LTE Band26 Output Power
8.3.8	LTE Band66 Output Power
8.3.9	LTE Band38 Output Power
8.3.10	LTE Band41 Output Power
8.4	Intra-Band Uplink CA Power
8.4.1	LTE Band7 Uplink CA Output Power
8.4.2	LTE Band38 Uplink CA Output Power
8.4.3	LTE Band41 Uplink CA Output Power
8.5	LTE Downlink CA Power
8.5.1	LTE Downlink Carrier Aggregation Setup Configurations
8.5.2	Downlink Bandwidth Combination sets for Intra-Band CA
8.5.3	Power Confirmation for SAR test Exclusion for LTE Downlink CA
8.5.3.1	EUT Antenna1 without Power Reduction (Level1)
8.5.3.2	EUT Antenna1 without Power Reduction (Level2&3)
8.5.3.3	EUT Antenna1 without Power Reduction (Level4)
8.5.3.4	EUT Antenna1 without Power Reduction (Level5&6)
8.5.3.5	EUT Antenna0 without Power Reduction (Level1)
8.5.3.6	EUT Antenna0 without Power Reduction (Level2&3)
8.5.3.7	EUT Antenna0 without Power Reduction (Level4)
8.5.3.8	EUT Antenna0 without Power Reduction (Level5&6)
8.6	5G NR Output Power
8.6.1	NR Band5 (Ant.0) Output Power
8.6.2	NR Band5 (Ant.1) Output Power
8.6.3	NR Band7 (Ant.0) Output Power
8.6.4	NR Band7 (Ant.1) Output Power
8.6.5	NR Band7 (Ant.4) Output Power
8.6.6	NR Band38 (Ant.0) Output Power
8.6.7	NR Band38 (Ant.1) Output Power
8.6.8	NR Band41 (Ant.0) Output Power
8.6.9	NR Band41 (Ant.1) Output Power
8.7	LTE Output Power(Only for ENDC)
8.7.1	LTE Band7 (Ant.4) Output Power

8.1 GSM Output Power

GSM-Level1-Ant.1									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	28.06	28.20	28.29	29.80	9.19	18.87	19.01	19.10	20.61
GPRS (GMSK, 1-Slot)	28.07	28.20	28.27	29.80	9.19	18.88	19.01	19.08	20.61
GPRS (GMSK, 2-Slots)	25.48	25.62	25.69	26.30	6.13	19.35	19.49	19.56	20.17
GPRS (GMSK, 3-Slots)	23.94	24.08	24.16	25.30	4.42	19.52	19.66	19.74	20.88
GPRS (GMSK, 4-Slots)	22.93	23.08	23.14	24.30	3.18	19.75	19.90	19.96	21.12
EGPRS (8PSK, 1-Slot)	22.61	22.43	22.60	23.30	9.19	13.42	13.24	13.41	14.11
EGPRS (8PSK, 2-Slots)	21.12	21.25	21.35	22.30	6.13	14.99	15.12	15.22	16.17
EGPRS (8PSK, 3-Slots)	19.00	19.00	19.09	20.30	4.42	14.58	14.58	14.67	15.88
EGPRS (8PSK, 4-Slots)	17.80	17.86	17.94	19.30	3.18	14.62	14.68	14.76	16.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	21.36	21.44	21.32	22.80	9.19	12.17	12.25	12.13	13.61
GPRS (GMSK, 1-Slot)	21.36	21.43	21.30	22.80	9.19	12.17	12.24	12.11	13.61
GPRS (GMSK, 2-Slots)	17.77	17.87	17.74	18.80	6.13	11.64	11.74	11.61	12.67
GPRS (GMSK, 3-Slots)	17.20	17.30	17.18	18.30	4.42	12.78	12.88	12.76	13.88
GPRS (GMSK, 4-Slots)	15.76	15.81	15.69	16.80	3.18	12.58	12.63	12.51	13.62
EGPRS (8PSK, 1-Slot)	17.51	18.48	18.33	19.30	9.19	8.32	9.29	9.14	10.11
EGPRS (8PSK, 2-Slots)	15.90	15.78	15.67	16.80	6.13	9.77	9.65	9.54	10.67
EGPRS (8PSK, 3-Slots)	13.39	13.46	13.25	14.30	4.42	8.97	9.04	8.83	9.88
EGPRS (8PSK, 4-Slots)	12.13	12.18	11.91	13.30	3.18	8.95	9.00	8.73	10.12

GSM-Level1-Ant.0									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	31.78	32.07	32.00	33.30	9.19	22.59	22.88	22.81	24.11
GPRS (GMSK, 1-Slot)	31.72	31.99	31.92	33.30	9.19	22.53	22.80	22.73	24.11
GPRS (GMSK, 2-Slots)	29.66	29.89	29.85	30.30	6.13	23.53	23.76	23.72	24.17
GPRS (GMSK, 3-Slots)	28.12	28.38	28.29	29.30	4.42	23.70	23.96	23.87	24.88
GPRS (GMSK, 4-Slots)	27.11	27.38	27.31	28.30	3.18	23.93	24.20	24.13	25.12
EGPRS (8PSK, 1-Slot)	26.44	26.64	26.69	27.30	9.19	17.25	17.45	17.50	18.11
EGPRS (8PSK, 2-Slots)	25.18	25.28	25.26	26.30	6.13	19.05	19.15	19.13	20.17
EGPRS (8PSK, 3-Slots)	22.93	23.17	23.11	24.30	4.42	18.51	18.75	18.69	19.88
EGPRS (8PSK, 4-Slots)	21.67	22.23	21.78	23.30	3.18	18.49	19.05	18.60	20.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.20	29.00	28.75	30.30	9.19	20.01	19.81	19.56	21.11
GPRS (GMSK, 1-Slot)	29.12	28.90	28.66	30.30	9.19	19.93	19.71	19.47	21.11
GPRS (GMSK, 2-Slots)	27.02	26.79	26.57	27.80	6.13	20.89	20.66	20.44	21.67
GPRS (GMSK, 3-Slots)	25.42	25.16	24.89	26.30	4.42	21.00	20.74	20.47	21.88
GPRS (GMSK, 4-Slots)	24.93	24.66	24.39	25.80	3.18	21.75	21.48	21.21	22.62
EGPRS (8PSK, 1-Slot)	25.35	24.84	24.70	26.30	9.19	16.16	15.65	15.51	17.11
EGPRS (8PSK, 2-Slots)	23.70	23.39	23.18	24.30	6.13	17.57	17.26	17.05	18.17
EGPRS (8PSK, 3-Slots)	21.14	20.76	20.84	21.80	4.42	16.72	16.34	16.42	17.38
EGPRS (8PSK, 4-Slots)	19.76	19.78	19.07	20.30	3.18	16.58	16.60	15.89	17.12

GSM-Level2&3-Ant.1									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	25.50	25.64	25.72	27.30	9.19	16.31	16.45	16.53	18.11
GPRS (GMSK, 1-Slot)	25.46	25.59	25.67	27.30	9.19	16.27	16.40	16.48	18.11
GPRS (GMSK, 2-Slots)	22.89	23.04	23.12	23.80	6.13	16.76	16.91	16.99	17.67
GPRS (GMSK, 3-Slots)	21.26	21.41	21.49	22.30	4.42	16.84	16.99	17.07	17.88
GPRS (GMSK, 4-Slots)	20.33	20.49	20.57	21.30	3.18	17.15	17.31	17.39	18.12
EGPRS (8PSK, 1-Slot)	19.95	20.01	20.16	21.30	9.19	10.76	10.82	10.97	12.11
EGPRS (8PSK, 2-Slots)	18.79	18.76	18.87	19.80	6.13	12.66	12.63	12.74	13.67
EGPRS (8PSK, 3-Slots)	16.35	17.13	16.79	17.80	4.42	11.93	12.71	12.37	13.38
EGPRS (8PSK, 4-Slots)	15.31	15.32	15.50	16.30	3.18	12.13	12.14	12.32	13.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	19.84	19.89	19.77	21.30	9.19	10.65	10.70	10.58	12.11
GPRS (GMSK, 1-Slot)	19.83	19.86	19.75	21.30	9.19	10.64	10.67	10.56	12.11
GPRS (GMSK, 2-Slots)	16.22	16.34	16.22	17.30	6.13	10.09	10.21	10.09	11.17
GPRS (GMSK, 3-Slots)	15.73	15.78	15.68	16.80	4.42	11.31	11.36	11.26	12.38
GPRS (GMSK, 4-Slots)	14.16	14.23	14.12	15.30	3.18	10.98	11.05	10.94	12.12
EGPRS (8PSK, 1-Slot)	15.80	17.01	15.74	17.30	9.19	6.61	7.82	6.55	8.11
EGPRS (8PSK, 2-Slots)	14.26	14.33	14.22	15.30	6.13	8.13	8.20	8.09	9.17
EGPRS (8PSK, 3-Slots)	12.31	11.95	11.79	13.30	4.42	7.89	7.53	7.37	8.88
EGPRS (8PSK, 4-Slots)	10.67	10.98	10.68	11.80	3.18	7.49	7.80	7.50	8.62

GSM-Level2&3-Ant.0									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	31.78	32.07	32.00	33.30	9.19	22.59	22.88	22.81	24.11
GPRS (GMSK, 1-Slot)	31.72	31.99	31.92	33.30	9.19	22.53	22.80	22.73	24.11
GPRS (GMSK, 2-Slots)	29.66	29.89	29.85	30.30	6.13	23.53	23.76	23.72	24.17
GPRS (GMSK, 3-Slots)	28.12	28.38	28.29	29.30	4.42	23.70	23.96	23.87	24.88
GPRS (GMSK, 4-Slots)	27.11	27.38	27.31	28.30	3.18	23.93	24.20	24.13	25.12
EGPRS (8PSK, 1-Slot)	26.44	26.64	26.69	27.30	9.19	17.25	17.45	17.50	18.11
EGPRS (8PSK, 2-Slots)	25.18	25.28	25.26	26.30	6.13	19.05	19.15	19.13	20.17
EGPRS (8PSK, 3-Slots)	22.93	23.17	23.11	24.30	4.42	18.51	18.75	18.69	19.88
EGPRS (8PSK, 4-Slots)	21.67	22.23	21.78	23.30	3.18	18.49	19.05	18.60	20.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	29.20	29.00	28.75	30.30	9.19	20.01	19.81	19.56	21.11
GPRS (GMSK, 1-Slot)	29.12	28.90	28.66	30.30	9.19	19.93	19.71	19.47	21.11
GPRS (GMSK, 2-Slots)	27.02	26.79	26.57	27.80	6.13	20.89	20.66	20.44	21.67
GPRS (GMSK, 3-Slots)	25.42	25.16	24.89	26.30	4.42	21.00	20.74	20.47	21.88
GPRS (GMSK, 4-Slots)	24.93	24.66	24.39	25.80	3.18	21.75	21.48	21.21	22.62
EGPRS (8PSK, 1-Slot)	25.35	24.84	24.70	26.30	9.19	16.16	15.65	15.51	17.11
EGPRS (8PSK, 2-Slots)	23.70	23.39	23.18	24.30	6.13	17.57	17.26	17.05	18.17
EGPRS (8PSK, 3-Slots)	21.14	20.76	20.84	21.80	4.42	16.72	16.34	16.42	17.38
EGPRS (8PSK, 4-Slots)	19.76	19.78	19.07	20.30	3.18	16.58	16.60	15.89	17.12

GSM-Level4-Ant.1									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	31.78	32.07	32.00	33.30	9.19	22.59	22.88	22.81	24.11
GPRS (GMSK, 1-Slot)	31.72	31.99	31.92	33.30	9.19	22.53	22.80	22.73	24.11
GPRS (GMSK, 2-Slots)	29.66	29.89	29.85	30.30	6.13	23.53	23.76	23.72	24.17
GPRS (GMSK, 3-Slots)	28.12	28.38	28.29	29.30	4.42	23.70	23.96	23.87	24.88
GPRS (GMSK, 4-Slots)	27.11	27.38	27.31	28.30	3.18	23.93	24.20	24.13	25.12
EGPRS (8PSK, 1-Slot)	26.44	26.64	26.69	27.30	9.19	17.25	17.45	17.50	18.11
EGPRS (8PSK, 2-Slots)	25.18	25.28	25.26	26.30	6.13	19.05	19.15	19.13	20.17
EGPRS (8PSK, 3-Slots)	22.93	23.17	23.11	24.30	4.42	18.51	18.75	18.69	19.88
EGPRS (8PSK, 4-Slots)	21.67	22.23	21.78	23.30	3.18	18.49	19.05	18.60	20.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810		Factors	512	661	810	
GSM (GMSK, 1-Slot)	26.05	25.83	25.57	26.30	9.19	16.86	16.64	16.38	17.11
GPRS (GMSK, 1-Slot)	25.53	25.29	25.01	26.30	9.19	16.34	16.10	15.82	17.11
GPRS (GMSK, 2-Slots)	22.06	21.77	21.48	22.80	6.13	15.93	15.64	15.35	16.67
GPRS (GMSK, 3-Slots)	21.50	21.19	20.89	21.80	4.42	17.08	16.77	16.47	17.38
GPRS (GMSK, 4-Slots)	20.05	19.73	19.42	20.30	3.18	16.87	16.55	16.24	17.12
EGPRS (8PSK, 1-Slot)	21.42	21.03	21.07	22.30	9.19	12.23	11.84	11.88	13.11
EGPRS (8PSK, 2-Slots)	20.03	19.73	19.37	20.80	6.13	13.90	13.60	13.24	14.67
EGPRS (8PSK, 3-Slots)	17.56	17.19	17.04	17.80	4.42	13.14	12.77	12.62	13.38
EGPRS (8PSK, 4-Slots)	16.24	16.02	15.64	16.80	3.18	13.06	12.84	12.46	13.62

GSM-Level4-Ant.0									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	31.78	32.07	32.00	33.30	9.19	22.59	22.88	22.81	24.11
GPRS (GMSK, 1-Slot)	31.72	31.99	31.92	33.30	9.19	22.53	22.80	22.73	24.11
GPRS (GMSK, 2-Slots)	29.66	29.89	29.85	30.30	6.13	23.53	23.76	23.72	24.17
GPRS (GMSK, 3-Slots)	28.12	28.38	28.29	29.30	4.42	23.70	23.96	23.87	24.88
GPRS (GMSK, 4-Slots)	27.11	27.38	27.31	28.30	3.18	23.93	24.20	24.13	25.12
EGPRS (8PSK, 1-Slot)	26.44	26.64	26.69	27.30	9.19	17.25	17.45	17.50	18.11
EGPRS (8PSK, 2-Slots)	25.18	25.28	25.26	26.30	6.13	19.05	19.15	19.13	20.17
EGPRS (8PSK, 3-Slots)	22.93	23.17	23.11	24.30	4.42	18.51	18.75	18.69	19.88
EGPRS (8PSK, 4-Slots)	21.67	22.23	21.78	23.30	3.18	18.49	19.05	18.60	20.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810		Factors	512	661	810	
GSM (GMSK, 1-Slot)	28.33	28.22	28.12	29.30	9.19	19.14	19.03	18.93	20.11
GPRS (GMSK, 1-Slot)	28.28	28.16	28.07	29.30	9.19	19.09	18.97	18.88	20.11
GPRS (GMSK, 2-Slots)	24.90	24.75	24.67	25.80	6.13	18.77	18.62	18.54	19.67
GPRS (GMSK, 3-Slots)	24.38	24.22	24.14	25.30	4.42	19.96	19.80	19.72	20.88
GPRS (GMSK, 4-Slots)	22.90	22.72	22.63	23.30	3.18	19.72	19.54	19.45	20.12
EGPRS (8PSK, 1-Slot)	24.30	24.10	23.94	24.80	9.19	15.11	14.91	14.75	15.61
EGPRS (8PSK, 2-Slots)	22.80	22.57	22.33	23.80	6.13	16.67	16.44	16.20	17.67
EGPRS (8PSK, 3-Slots)	20.42	20.34	20.41	20.80	4.42	16.00	15.92	15.99	16.38
EGPRS (8PSK, 4-Slots)	19.00	18.71	18.60	19.30	3.18	15.82	15.53	15.42	16.12

GSM-Level5&6-Ant.1									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	31.78	32.07	32.00	33.30	9.19	22.59	22.88	22.81	24.11
GPRS (GMSK, 1-Slot)	31.72	31.99	31.92	33.30	9.19	22.53	22.80	22.73	24.11
GPRS (GMSK, 2-Slots)	29.66	29.89	29.85	30.30	6.13	23.53	23.76	23.72	24.17
GPRS (GMSK, 3-Slots)	28.12	28.38	28.29	29.30	4.42	23.70	23.96	23.87	24.88
GPRS (GMSK, 4-Slots)	27.11	27.38	27.31	28.30	3.18	23.93	24.20	24.13	25.12
EGPRS (8PSK, 1-Slot)	26.44	26.64	26.69	27.30	9.19	17.25	17.45	17.50	18.11
EGPRS (8PSK, 2-Slots)	25.18	25.28	25.26	26.30	6.13	19.05	19.15	19.13	20.17
EGPRS (8PSK, 3-Slots)	22.93	23.17	23.11	24.30	4.42	18.51	18.75	18.69	19.88
EGPRS (8PSK, 4-Slots)	21.67	22.23	21.78	23.30	3.18	18.49	19.05	18.60	20.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	23.65	23.39	23.11	24.30	9.19	14.46	14.20	13.92	15.11
GPRS (GMSK, 1-Slot)	23.61	23.35	23.07	24.30	9.19	14.42	14.16	13.88	15.11
GPRS (GMSK, 2-Slots)	20.14	19.83	19.53	20.30	6.13	14.01	13.70	13.40	14.17
GPRS (GMSK, 3-Slots)	19.48	19.23	18.98	19.80	4.42	15.06	14.81	14.56	15.38
GPRS (GMSK, 4-Slots)	18.08	17.82	17.56	18.30	3.18	14.90	14.64	14.38	15.12
EGPRS (8PSK, 1-Slot)	19.43	19.27	19.06	20.30	9.19	10.24	10.08	9.87	11.11
EGPRS (8PSK, 2-Slots)	18.17	17.68	17.63	18.80	6.13	12.04	11.55	11.50	12.67
EGPRS (8PSK, 3-Slots)	15.66	15.28	15.15	16.30	4.42	11.24	10.86	10.73	11.88
EGPRS (8PSK, 4-Slots)	14.43	14.16	13.70	15.30	3.18	11.25	10.98	10.52	12.12

GSM-Level5&6-Ant.0									
GSM850 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
GSM (GMSK, 1-Slot)	31.78	32.07	32.00	33.30	9.19	22.59	22.88	22.81	24.11
GPRS (GMSK, 1-Slot)	31.72	31.99	31.92	33.30	9.19	22.53	22.80	22.73	24.11
GPRS (GMSK, 2-Slots)	29.66	29.89	29.85	30.30	6.13	23.53	23.76	23.72	24.17
GPRS (GMSK, 3-Slots)	28.12	28.38	28.29	29.30	4.42	23.70	23.96	23.87	24.88
GPRS (GMSK, 4-Slots)	27.11	27.38	27.31	28.30	3.18	23.93	24.20	24.13	25.12
EGPRS (8PSK, 1-Slot)	26.44	26.64	26.69	27.30	9.19	17.25	17.45	17.50	18.11
EGPRS (8PSK, 2-Slots)	25.18	25.28	25.26	26.30	6.13	19.05	19.15	19.13	20.17
EGPRS (8PSK, 3-Slots)	22.93	23.17	23.11	24.30	4.42	18.51	18.75	18.69	19.88
EGPRS (8PSK, 4-Slots)	21.67	22.23	21.78	23.30	3.18	18.49	19.05	18.60	20.12
GSM1900 Band	Burst Average			Tune-up Power(dBm)	Division Factors	Frame-Averaged			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
GSM (GMSK, 1-Slot)	26.61	26.45	26.42	27.30	9.19	17.42	17.26	17.23	18.11
GPRS (GMSK, 1-Slot)	26.52	26.35	26.31	27.30	9.19	17.33	17.16	17.12	18.11
GPRS (GMSK, 2-Slots)	22.96	22.78	22.69	23.30	6.13	16.83	16.65	16.56	17.17
GPRS (GMSK, 3-Slots)	22.41	22.23	22.19	22.80	4.42	17.99	17.81	17.77	18.38
GPRS (GMSK, 4-Slots)	20.90	20.71	20.62	21.30	3.18	17.72	17.53	17.44	18.12
EGPRS (8PSK, 1-Slot)	22.25	22.14	22.04	23.30	9.19	13.06	12.95	12.85	14.11
EGPRS (8PSK, 2-Slots)	20.79	20.58	20.42	21.30	6.13	14.66	14.45	14.29	15.17
EGPRS (8PSK, 3-Slots)	18.32	17.98	17.94	18.80	4.42	13.90	13.56	13.52	14.38
EGPRS (8PSK, 4-Slots)	17.03	16.97	16.51	17.30	3.18	13.85	13.79	13.33	14.12

8.2 WCDMA Output Power

WCDMA-Level1-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	13.35	13.29	13.19	14.30
HSDPA Subtest-	12.23	12.29	12.06	13.30
HSDPA Subtest-	12.22	12.27	12.05	13.30
HSDPA Subtest-	11.77	11.82	11.63	12.80
HSDPA Subtest-	11.72	11.76	11.61	12.80
HSUPA Subtest-	11.92	11.83	11.65	12.80
HSUPA Subtest-	11.37	11.34	11.21	12.30
HSUPA Subtest-	11.37	11.35	11.19	12.30
HSUPA Subtest-	10.92	10.89	10.63	11.80
HSUPA Subtest-	12.37	12.32	12.11	13.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	12.18	12.26	12.16	12.80
HSDPA Subtest-	11.20	11.26	11.16	12.30
HSDPA Subtest-	11.20	11.27	11.12	12.30
HSDPA Subtest-	10.74	10.78	10.65	11.80
HSDPA Subtest-	10.71	10.77	10.62	11.80
HSUPA Subtest-	9.68	10.76	10.65	11.80
HSUPA Subtest-	10.21	9.75	10.11	11.30
HSUPA Subtest-	11.23	11.30	11.16	12.30
HSUPA Subtest-	9.76	9.79	9.66	10.80
HSUPA Subtest-	11.21	11.25	11.11	12.30
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	21.11	21.15	21.09	22.30
HSDPA Subtest-	20.14	20.12	20.11	21.30
HSDPA Subtest-	20.13	20.12	20.09	21.30
HSDPA Subtest-	19.65	19.63	19.61	20.80
HSDPA Subtest-	19.61	19.60	19.60	20.80
HSUPA Subtest-	19.40	19.40	19.34	19.80
HSUPA Subtest-	19.14	19.14	19.09	19.80
HSUPA Subtest-	19.18	19.18	19.11	19.30
HSUPA Subtest-	18.65	18.65	18.62	18.80
HSUPA Subtest-	20.12	20.12	20.07	21.30

WCDMA-Level1-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	22.79	22.75	22.67	23.80
HSDPA Subtest-	21.80	21.75	21.55	22.80
HSDPA Subtest-	21.79	21.74	21.56	22.80
HSDPA Subtest-	21.35	21.27	21.11	22.30
HSDPA Subtest-	21.31	21.22	21.06	22.30
HSUPA Subtest-	21.08	20.91	20.94	21.80
HSUPA Subtest-	20.83	20.77	20.69	21.80
HSUPA Subtest-	20.86	20.84	20.62	21.80
HSUPA Subtest-	20.29	20.35	20.17	21.30
HSUPA Subtest-	21.77	21.81	21.66	22.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.23	23.28	23.15	23.80
HSDPA Subtest-	22.24	22.29	22.18	23.30
HSDPA Subtest-	22.24	22.28	22.15	23.30
HSDPA Subtest-	21.78	21.84	21.70	22.80
HSDPA Subtest-	21.77	21.80	21.66	22.80
HSUPA Subtest-	21.47	21.57	21.42	22.80
HSUPA Subtest-	21.24	21.29	21.14	22.30
HSUPA Subtest-	21.26	21.29	21.16	22.30
HSUPA Subtest-	20.78	20.83	20.68	21.80
HSUPA Subtest-	22.24	22.28	22.12	23.30
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.17	23.17	23.16	24.30
HSDPA Subtest-	22.17	22.17	22.12	23.30
HSDPA Subtest-	22.19	22.17	22.14	23.30
HSDPA Subtest-	21.70	21.68	21.66	22.80
HSDPA Subtest-	21.68	21.65	21.62	22.80
HSUPA Subtest-	21.42	21.40	21.39	21.80
HSUPA Subtest-	21.17	21.14	21.12	21.80
HSUPA Subtest-	21.20	21.16	21.13	21.30
HSUPA Subtest-	20.68	20.66	20.61	20.80
HSUPA Subtest-	22.16	22.13	22.11	23.30

WCDMA--Level2&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	13.35	13.29	13.19	14.30
HSDPA Subtest-	12.23	12.29	12.06	13.30
HSDPA Subtest-	12.22	12.27	12.05	13.30
HSDPA Subtest-	11.77	11.82	11.63	12.80
HSDPA Subtest-	11.72	11.76	11.61	12.80
HSUPA Subtest-	11.92	11.83	11.65	12.80
HSUPA Subtest-	11.37	11.34	11.21	12.30
HSUPA Subtest-	11.37	11.35	11.19	12.30
HSUPA Subtest-	10.92	10.89	10.63	11.80
HSUPA Subtest-	12.37	12.32	12.11	13.30
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	9.87	9.96	9.94	11.80
HSDPA Subtest-	8.87	8.98	8.94	10.30
HSDPA Subtest-	8.90	8.97	8.94	10.30
HSDPA Subtest-	8.40	8.50	8.47	9.80
HSDPA Subtest-	8.40	8.46	8.44	9.80
HSUPA Subtest-	8.41	8.48	8.48	9.80
HSUPA Subtest-	7.89	8.01	7.96	9.30
HSUPA Subtest-	8.96	9.04	8.99	9.80
HSUPA Subtest-	7.43	7.52	7.48	8.30
HSUPA Subtest-	8.90	8.97	8.93	10.30
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	18.98	18.96	18.89	20.30
HSDPA Subtest-	17.98	17.96	17.89	19.30
HSDPA Subtest-	17.98	17.96	17.89	19.30
HSDPA Subtest-	17.49	17.48	17.41	18.80
HSDPA Subtest-	17.45	17.41	17.39	18.80
HSUPA Subtest-	17.23	17.20	17.13	17.80
HSUPA Subtest-	16.97	16.94	16.87	17.80
HSUPA Subtest-	17.00	16.97	16.89	17.30
HSUPA Subtest-	16.50	16.47	16.42	16.80
HSUPA Subtest-	17.95	17.93	17.88	19.30

WCDMA--Level2&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	22.79	22.75	22.67	23.80
HSDPA Subtest-	21.80	21.75	21.55	22.80
HSDPA Subtest-	21.79	21.74	21.56	22.80
HSDPA Subtest-	21.35	21.27	21.11	22.30
HSDPA Subtest-	21.31	21.22	21.06	22.30
HSUPA Subtest-	21.08	20.91	20.94	21.80
HSUPA Subtest-	20.83	20.77	20.69	21.80
HSUPA Subtest-	20.86	20.84	20.62	21.80
HSUPA Subtest-	20.29	20.35	20.17	21.30
HSUPA Subtest-	21.77	21.81	21.66	22.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.23	23.28	23.15	23.80
HSDPA Subtest-	22.24	22.29	22.18	23.30
HSDPA Subtest-	22.24	22.28	22.15	23.30
HSDPA Subtest-	21.78	21.84	21.70	22.80
HSDPA Subtest-	21.77	21.80	21.66	22.80
HSUPA Subtest-	21.47	21.57	21.42	22.80
HSUPA Subtest-	21.24	21.29	21.14	22.30
HSUPA Subtest-	21.26	21.29	21.16	22.30
HSUPA Subtest-	20.78	20.83	20.68	21.80
HSUPA Subtest-	22.24	22.28	22.12	23.30
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.17	23.17	23.16	24.30
HSDPA Subtest-	22.17	22.17	22.12	23.30
HSDPA Subtest-	22.19	22.17	22.14	23.30
HSDPA Subtest-	21.70	21.68	21.66	22.80
HSDPA Subtest-	21.68	21.65	21.62	22.80
HSUPA Subtest-	21.42	21.40	21.39	21.80
HSUPA Subtest-	21.17	21.14	21.12	21.80
HSUPA Subtest-	21.20	21.16	21.13	21.30
HSUPA Subtest-	20.68	20.66	20.61	20.80
HSUPA Subtest-	22.16	22.13	22.11	23.30

WCDMA-Level4-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	17.86	17.80	17.71	18.80
HSDPA Subtest-	16.91	16.85	16.65	17.80
HSDPA Subtest-	16.89	16.79	16.63	17.80
HSDPA Subtest-	16.42	16.35	16.17	17.30
HSDPA Subtest-	16.40	16.31	16.13	17.30
HSUPA Subtest-	16.07	16.09	15.95	16.80
HSUPA Subtest-	15.95	15.86	15.70	16.80
HSUPA Subtest-	15.78	15.93	15.76	16.80
HSUPA Subtest-	15.42	15.40	15.27	16.30
HSUPA Subtest-	16.90	16.85	16.74	17.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	17.51	17.61	17.56	18.30
HSDPA Subtest-	16.51	16.62	16.58	17.80
HSDPA Subtest-	16.50	16.60	16.56	17.80
HSDPA Subtest-	16.04	16.13	16.09	17.30
HSDPA Subtest-	16.03	16.08	16.08	17.30
HSUPA Subtest-	15.76	15.86	15.79	16.80
HSUPA Subtest-	15.50	15.58	15.55	16.80
HSUPA Subtest-	15.51	15.62	15.58	16.80
HSUPA Subtest-	15.05	15.14	15.09	16.30
HSUPA Subtest-	16.52	16.57	16.54	17.80
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.17	23.17	23.16	24.30
HSDPA Subtest-	22.17	22.17	22.12	23.30
HSDPA Subtest-	22.19	22.17	22.14	23.30
HSDPA Subtest-	21.70	21.68	21.66	22.80
HSDPA Subtest-	21.68	21.65	21.62	22.80
HSUPA Subtest-	21.42	21.40	21.39	21.80
HSUPA Subtest-	21.17	21.14	21.12	21.80
HSUPA Subtest-	21.20	21.16	21.13	21.30
HSUPA Subtest-	20.68	20.66	20.61	20.80
HSUPA Subtest-	22.16	22.13	22.11	23.30

WCDMA-Level4-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	19.5	19.5	19.37	20.80
HSDPA Subtest-	18.46	18.54	18.30	19.80
HSDPA Subtest-	18.48	18.54	18.28	19.80
HSDPA Subtest-	18.16	18.08	17.81	19.30
HSDPA Subtest-	18.15	18.03	17.89	19.30
HSUPA Subtest-	17.93	18.05	17.98	19.30
HSUPA Subtest-	17.82	17.78	17.76	19.30
HSUPA Subtest-	17.67	17.83	17.78	19.30
HSUPA Subtest-	17.30	17.32	17.32	18.80
HSUPA Subtest-	18.68	18.68	18.64	19.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	18.11	18.14	18.06	18.80
HSDPA Subtest-	17.13	17.18	17.05	18.30
HSDPA Subtest-	17.12	17.18	17.05	18.30
HSDPA Subtest-	16.65	16.70	16.59	17.80
HSDPA Subtest-	16.61	16.67	16.55	17.80
HSUPA Subtest-	16.14	16.22	16.13	17.30
HSUPA Subtest-	15.92	15.98	15.88	17.30
HSUPA Subtest-	15.93	15.98	15.89	17.30
HSUPA Subtest-	15.45	15.50	15.41	16.80
HSUPA Subtest-	16.93	16.95	16.86	17.80
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	22.35	22.33	22.28	23.30
HSDPA Subtest-	21.35	21.34	21.29	22.30
HSDPA Subtest-	21.36	21.32	21.28	22.30
HSDPA Subtest-	20.87	20.84	20.82	21.80
HSDPA Subtest-	20.85	20.82	20.78	21.80
HSUPA Subtest-	20.43	20.42	20.38	21.30
HSUPA Subtest-	20.18	20.15	20.13	21.30
HSUPA Subtest-	20.20	20.17	20.13	21.30
HSUPA Subtest-	19.70	19.68	19.63	20.80
HSUPA Subtest-	21.17	21.14	21.10	22.30

WCDMA-Level5&6-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	15.9	15.86	15.65	16.80
HSDPA Subtest-	14.92	14.85	14.72	15.80
HSDPA Subtest-	14.89	14.84	14.72	15.80
HSDPA Subtest-	14.45	14.39	14.25	15.30
HSDPA Subtest-	14.41	14.35	14.22	15.30
HSUPA Subtest-	14.11	14.22	13.58	14.80
HSUPA Subtest-	13.94	13.94	13.76	14.80
HSUPA Subtest-	13.92	13.96	13.80	14.80
HSUPA Subtest-	13.45	13.43	13.29	14.30
HSUPA Subtest-	14.96	14.95	14.78	15.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	15.67	15.73	15.59	16.30
HSDPA Subtest-	14.63	14.69	14.58	15.80
HSDPA Subtest-	14.64	14.71	14.57	15.80
HSDPA Subtest-	14.16	14.22	14.09	15.30
HSDPA Subtest-	14.15	14.18	14.07	15.30
HSUPA Subtest-	13.93	13.98	13.85	14.80
HSUPA Subtest-	13.68	13.72	13.58	14.80
HSUPA Subtest-	13.70	13.75	13.61	14.80
HSUPA Subtest-	13.25	13.31	13.15	14.30
HSUPA Subtest-	14.69	14.73	14.57	15.80
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	21.11	21.11	21.07	22.30
HSDPA Subtest-	20.12	20.10	20.08	21.30
HSDPA Subtest-	20.10	20.09	20.07	21.30
HSDPA Subtest-	19.63	19.62	19.58	20.80
HSDPA Subtest-	19.60	19.58	19.56	20.80
HSUPA Subtest-	19.36	19.34	19.32	19.80
HSUPA Subtest-	19.11	19.08	19.06	19.80
HSUPA Subtest-	19.11	19.12	19.09	19.30
HSUPA Subtest-	18.63	18.61	18.58	18.80
HSUPA Subtest-	20.09	20.08	20.04	21.30

WCDMA-Level5&6-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	17.77	17.70	17.65	18.80
HSDPA Subtest-	16.62	16.71	16.61	17.80
HSDPA Subtest-	16.60	16.68	16.60	17.80
HSDPA Subtest-	16.13	16.21	16.12	17.30
HSDPA Subtest-	16.10	16.19	16.08	17.30
HSUPA Subtest-	16.03	16.01	15.81	16.80
HSUPA Subtest-	15.74	15.75	15.70	16.80
HSUPA Subtest-	15.76	15.81	15.69	16.80
HSUPA Subtest-	15.28	15.22	15.24	16.30
HSUPA Subtest-	16.76	16.81	16.68	17.80
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	15.86	15.95	15.88	16.30
HSDPA Subtest-	14.88	14.97	14.86	16.30
HSDPA Subtest-	14.90	14.96	14.85	16.30
HSDPA Subtest-	14.43	14.48	14.38	15.80
HSDPA Subtest-	14.39	14.45	14.35	15.80
HSUPA Subtest-	14.14	14.21	14.13	15.30
HSUPA Subtest-	13.89	13.97	13.87	15.30
HSUPA Subtest-	13.91	13.99	13.86	15.30
HSUPA Subtest-	13.44	13.50	13.38	14.80
HSUPA Subtest-	14.90	14.96	14.85	16.30
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	20.15	20.12	20.08	21.30
HSDPA Subtest-	19.13	19.14	19.07	20.30
HSDPA Subtest-	19.15	19.13	19.09	20.30
HSDPA Subtest-	18.68	18.64	18.60	19.80
HSDPA Subtest-	18.66	18.61	18.57	19.80
HSUPA Subtest-	18.42	18.41	18.32	19.30
HSUPA Subtest-	18.16	18.12	18.08	19.30
HSUPA Subtest-	18.17	18.14	18.09	19.30
HSUPA Subtest-	17.68	17.65	17.61	18.80
HSUPA Subtest-	19.12	19.13	19.08	20.30

8.3.1 LTE Band2 Output Power

LTE B2-Level1 -Ant.1							
Bandwidth (M)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.12	14.21	14.26	15.30
		MID	QPSK	14.26	14.20	14.18	15.30
		HIGH	QPSK	14.09	14.30	14.09	15.30
	3	LOW	QPSK	14.32	14.53	14.46	15.30
		MID	QPSK	14.25	14.35	14.33	15.30
		HIGH	QPSK	14.31	14.19	14.20	15.30
	6	LOW	QPSK	14.36	14.34	14.39	15.30
	1.4	LOW	Q16	14.23	14.24	14.25	15.30
		MID	Q16	14.18	14.39	14.25	15.30
		HIGH	Q16	14.34	14.12	14.03	15.30
		LOW	Q16	14.48	14.47	14.40	15.30
		MID	Q16	14.52	14.36	14.25	15.30
		HIGH	Q16	14.45	14.34	14.23	15.30
1.4	6	LOW	Q16	14.36	14.28	14.47	15.30
	1.4	LOW	64QAM	14.19	14.16	14.20	15.30
		MID	64QAM	14.26	14.52	14.13	15.30
		HIGH	64QAM	14.26	14.20	14.20	15.30
		LOW	64QAM	14.18	14.38	14.37	15.30
		MID	64QAM	14.33	14.45	14.30	15.30
		HIGH	64QAM	14.30	14.28	14.30	15.30
	6	LOW	64QAM	14.54	14.12	14.15	15.30
Bandwidth (M)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	14.36	14.32	14.24	15.30
		MID	QPSK	14.35	14.24	14.15	15.30
		HIGH	QPSK	14.33	14.02	14.10	15.30
	8	LOW	QPSK	14.30	14.26	14.36	15.30
		MID	QPSK	14.46	14.23	14.52	15.30
		HIGH	QPSK	14.46	14.40	14.22	15.30
	15	LOW	QPSK	14.32	14.22	14.30	15.30
	3	LOW	Q16	14.10	14.17	14.20	15.30
		MID	Q16	14.25	14.39	14.18	15.30
		HIGH	Q16	14.39	14.17	14.03	15.30
		LOW	Q16	14.44	14.55	14.45	15.30
		MID	Q16	14.50	14.34	14.35	15.30
		HIGH	Q16	14.39	14.33	14.37	15.30
3	15	LOW	Q16	14.23	14.25	14.37	15.30
	3	LOW	64QAM	14.21	14.02	14.35	15.30
		MID	64QAM	14.24	14.37	14.32	15.30
		HIGH	64QAM	14.18	14.28	14.23	15.30
		LOW	64QAM	14.40	14.67	14.47	15.30
		MID	64QAM	14.40	14.51	14.27	15.30
		HIGH	64QAM	14.26	14.25	14.13	15.30
	15	LOW	64QAM	14.25	14.24	14.38	15.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	14.34	14.11	14.12	15.30
		MID	QPSK	14.27	14.34	14.23	15.30
		HIGH	QPSK	14.22	14.13	14.14	15.30
	12	LOW	QPSK	14.48	14.38	14.51	15.30
		MID	QPSK	14.31	14.42	14.32	15.30
		HIGH	QPSK	14.42	14.35	14.25	15.30
	25	LOW	QPSK	14.35	14.33	14.41	15.30
5	1	LOW	Q16	14.35	14.23	14.12	15.30
		MID	Q16	14.39	14.33	14.24	15.30
		HIGH	Q16	14.21	14.18	14.08	15.30
	12	LOW	Q16	14.38	14.28	14.52	15.30
		MID	Q16	14.35	14.35	14.49	15.30
		HIGH	Q16	14.33	14.32	14.29	15.30
	25	LOW	Q16	14.28	14.34	14.21	15.30
5	1	LOW	64QAM	14.03	14.20	14.08	15.30
		MID	64QAM	14.28	14.39	14.26	15.30
		HIGH	64QAM	14.26	14.33	14.26	15.30
	12	LOW	64QAM	14.25	14.55	14.35	15.30
		MID	64QAM	14.43	14.50	14.42	15.30
		HIGH	64QAM	14.35	14.28	14.05	15.30
	25	LOW	64QAM	14.44	14.20	14.21	15.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	14.20	14.31	14.12	15.30
		MID	QPSK	14.18	14.31	14.15	15.30
		HIGH	QPSK	14.13	14.27	14.18	15.30
	25	LOW	QPSK	14.25	14.52	14.34	15.30
		MID	QPSK	14.41	14.37	14.29	15.30
		HIGH	QPSK	14.46	14.35	14.25	15.30
	50	LOW	QPSK	14.32	14.28	14.41	15.30
10	1	LOW	Q16	14.36	14.34	14.38	15.30
		MID	Q16	14.39	14.47	14.36	15.30
		HIGH	Q16	14.24	14.03	14.11	15.30
	25	LOW	Q16	14.35	14.40	14.41	15.30
		MID	Q16	14.42	14.24	14.42	15.30
		HIGH	Q16	14.22	14.34	14.40	15.30
	50	LOW	Q16	14.42	14.12	14.27	15.30
10	1	LOW	64QAM	14.12	14.15	14.08	15.30
		MID	64QAM	14.17	14.60	14.16	15.30
		HIGH	64QAM	14.19	14.10	14.36	15.30
	25	LOW	64QAM	14.14	14.37	14.44	15.30
		MID	64QAM	14.43	14.57	14.24	15.30
		HIGH	64QAM	14.39	14.10	14.18	15.30
	50	LOW	64QAM	14.30	14.11	14.15	15.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	14.16	14.14	14.19	15.30
		MID	QPSK	14.37	14.31	14.33	15.30
		HIGH	QPSK	14.26	14.31	14.16	15.30
	36	LOW	QPSK	14.49	14.55	14.30	15.30
		MID	QPSK	14.30	14.39	14.44	15.30
		HIGH	QPSK	14.19	14.21	14.33	15.30
	75	LOW	QPSK	14.43	14.23	14.42	15.30
15	1	LOW	Q16	14.13	14.20	14.27	15.30
		MID	Q16	14.42	14.24	14.29	15.30
		HIGH	Q16	14.14	14.13	14.25	15.30
	36	LOW	Q16	14.38	14.26	14.47	15.30
		MID	Q16	14.29	14.36	14.27	15.30
		HIGH	Q16	14.18	14.35	14.32	15.30
	75	LOW	Q16	14.26	14.38	14.41	15.30
15	1	LOW	64QAM	14.20	14.02	14.30	15.30
		MID	64QAM	14.10	14.35	14.22	15.30
		HIGH	64QAM	14.20	14.35	14.35	15.30
	36	LOW	64QAM	14.42	14.63	14.47	15.30
		MID	64QAM	14.53	14.49	14.49	15.30
		HIGH	64QAM	14.25	14.14	14.32	15.30
	75	LOW	64QAM	14.44	14.07	14.39	15.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	14.22	14.22	14.24	15.30
		MID	QPSK	14.29	14.33	14.30	15.30
		HIGH	QPSK	14.24	14.17	14.18	15.30
	50	LOW	QPSK	14.38	14.41	14.43	15.30
		MID	QPSK	14.37	14.33	14.38	15.30
		HIGH	QPSK	14.31	14.25	14.31	15.30
	100	LOW	QPSK	14.36	14.27	14.35	15.30
20	1	LOW	Q16	14.11	14.21	14.20	15.30
		MID	Q16	14.31	14.22	14.38	15.30
		HIGH	Q16	14.20	14.17	14.24	15.30
	50	LOW	Q16	14.35	14.29	14.46	15.30
		MID	Q16	14.34	14.34	14.44	15.30
		HIGH	Q16	14.19	14.11	14.37	15.30
	100	LOW	Q16	14.28	14.35	14.40	15.30
20	1	LOW	64QAM	14.13	14.10	14.21	15.30
		MID	64QAM	14.25	14.47	14.19	15.30
		HIGH	64QAM	14.31	14.21	14.27	15.30
	50	LOW	64QAM	14.29	14.52	14.39	15.30
		MID	64QAM	14.47	14.47	14.38	15.30
		HIGH	64QAM	14.29	14.19	14.19	15.30
	100	LOW	64QAM	14.40	14.21	14.25	15.30

LTE B2-Level1 -Ant.0							
Bandwidth (M)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.98	22.77	22.70	23.80
		MID	QPSK	23.05	22.48	22.18	23.80
		HIGH	QPSK	22.93	22.41	22.48	23.80
	3	LOW	QPSK	22.86	22.90	22.65	23.80
		MID	QPSK	22.95	22.59	22.03	23.80
		HIGH	QPSK	23.05	22.50	22.45	23.80
	6	LOW	QPSK	22.07	21.97	21.85	22.80
1.4	1	LOW	Q16	22.18	22.31	22.39	22.80
		MID	Q16	22.32	22.46	22.36	22.80
		HIGH	Q16	22.40	22.34	22.11	22.80
	3	LOW	Q16	22.09	22.17	22.45	22.80
		MID	Q16	22.18	22.60	22.33	22.80
		HIGH	Q16	22.47	22.27	22.05	22.80
	6	LOW	Q16	20.99	20.83	20.90	21.80
1.4	1	LOW	64QAM	21.11	21.09	21.17	21.80
		MID	64QAM	20.90	21.19	21.06	21.80
		HIGH	64QAM	20.73	20.87	20.98	21.80
	3	LOW	64QAM	21.25	21.20	21.24	21.80
		MID	64QAM	20.84	21.11	21.13	21.80
		HIGH	64QAM	20.71	20.73	21.00	21.80
	6	LOW	64QAM	19.93	20.16	20.10	20.80
Bandwidth (M)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.91	22.88	22.78	23.80
		MID	QPSK	23.05	22.44	22.16	23.80
		HIGH	QPSK	22.92	22.39	22.51	23.80
	8	LOW	QPSK	21.99	22.10	22.10	22.80
		MID	QPSK	21.95	22.07	21.88	22.80
		HIGH	QPSK	22.03	22.01	21.85	22.80
	15	LOW	QPSK	21.86	21.83	21.82	22.80
3	1	LOW	Q16	22.26	22.38	22.35	22.80
		MID	Q16	22.45	22.48	22.44	22.80
		HIGH	Q16	22.17	22.51	22.02	22.80
	8	LOW	Q16	20.95	20.92	21.08	21.80
		MID	Q16	21.03	21.12	20.95	21.80
		HIGH	Q16	20.98	20.99	21.03	21.80
	15	LOW	Q16	20.79	21.05	21.06	21.80
3	1	LOW	64QAM	21.05	20.99	21.07	21.80
		MID	64QAM	20.81	20.95	21.13	21.80
		HIGH	64QAM	20.83	20.94	20.99	21.80
	8	LOW	64QAM	19.95	20.10	20.08	20.80
		MID	64QAM	19.82	20.03	19.87	20.80
		HIGH	64QAM	20.23	20.33	19.99	20.80
	15	LOW	64QAM	19.86	20.20	20.16	20.80

Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.91	22.95	22.52	23.80
		MID	QPSK	22.84	22.54	22.26	23.80
		HIGH	QPSK	22.72	22.28	22.46	23.80
	12	LOW	QPSK	21.88	21.94	22.07	22.80
		MID	QPSK	21.86	21.96	22.08	22.80
		HIGH	QPSK	21.96	22.06	21.98	22.80
	25	LOW	QPSK	21.80	21.96	22.06	22.80
5	1	LOW	Q16	22.15	22.49	22.39	22.80
		MID	Q16	22.51	22.49	22.42	22.80
		HIGH	Q16	22.40	22.30	21.85	22.80
	12	LOW	Q16	20.91	21.03	20.91	21.80
		MID	Q16	21.06	21.09	21.12	21.80
		HIGH	Q16	20.81	21.09	20.96	21.80
	25	LOW	Q16	20.79	20.86	20.97	21.80
5	1	LOW	64QAM	21.07	21.20	21.20	21.80
		MID	64QAM	20.89	21.08	21.16	21.80
		HIGH	64QAM	20.90	21.01	20.98	21.80
	12	LOW	64QAM	19.93	20.07	19.85	20.80
		MID	64QAM	19.93	20.01	20.08	20.80
		HIGH	64QAM	20.14	20.30	20.28	20.80
	25	LOW	64QAM	19.99	20.24	20.18	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.84	22.96	22.74	23.80
		MID	QPSK	22.95	22.42	22.42	23.80
		HIGH	QPSK	22.88	22.35	22.24	23.80
	25	LOW	QPSK	22.11	21.93	21.94	22.80
		MID	QPSK	21.98	21.95	21.92	22.80
		HIGH	QPSK	21.83	21.86	21.99	22.80
	50	LOW	QPSK	21.87	21.82	21.80	22.80
10	1	LOW	Q16	22.25	22.59	22.34	22.80
		MID	Q16	22.36	22.48	22.33	22.80
		HIGH	Q16	22.34	22.21	21.86	22.80
	25	LOW	Q16	20.76	21.14	21.03	21.80
		MID	Q16	21.01	20.84	20.86	21.80
		HIGH	Q16	20.91	20.85	20.84	21.80
	50	LOW	Q16	20.96	21.00	20.86	21.80
10	1	LOW	64QAM	21.11	20.97	21.00	21.80
		MID	64QAM	20.91	21.19	21.01	21.80
		HIGH	64QAM	20.91	21.02	21.04	21.80
	25	LOW	64QAM	20.02	19.94	19.92	20.80
		MID	64QAM	20.03	20.07	20.09	20.80
		HIGH	64QAM	20.15	20.38	20.19	20.80
	50	LOW	64QAM	20.13	19.99	20.16	20.80

Bandwidth (MHz)	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.92	22.71	23.80
		MID	QPSK	23.09	22.40	22.42	23.80
		HIGH	QPSK	22.73	22.43	22.26	23.80
	36	LOW	QPSK	21.85	22.10	22.03	22.80
		MID	QPSK	21.90	21.89	21.84	22.80
		HIGH	QPSK	21.87	21.85	22.06	22.80
	75	LOW	QPSK	22.04	21.87	22.02	22.80
15	1	LOW	Q16	22.31	22.43	22.17	22.80
		MID	Q16	22.43	22.47	22.39	22.80
		HIGH	Q16	22.30	22.33	21.92	22.80
	36	LOW	Q16	20.84	21.10	21.19	21.80
		MID	Q16	20.95	20.84	20.82	21.80
		HIGH	Q16	20.75	20.87	20.84	21.80
	75	LOW	Q16	20.91	20.86	20.98	21.80
15	1	LOW	64QAM	20.91	21.17	20.98	21.80
		MID	64QAM	21.01	21.03	20.92	21.80
		HIGH	64QAM	20.90	20.82	21.02	21.80
	36	LOW	64QAM	20.07	20.09	19.94	20.80
		MID	64QAM	20.05	20.01	19.91	20.80
		HIGH	64QAM	20.08	20.08	20.14	20.80
	75	LOW	64QAM	20.09	20.22	20.19	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.85	22.91	22.66	23.80
		MID	QPSK	22.94	22.47	22.31	23.80
		HIGH	QPSK	22.87	22.32	22.36	23.80
	50	LOW	QPSK	21.97	22.04	22.02	22.80
		MID	QPSK	21.97	22.00	21.96	22.80
		HIGH	QPSK	21.92	21.97	21.92	22.80
	100	LOW	QPSK	21.95	21.97	21.93	22.80
20	1	LOW	Q16	22.23	22.46	22.28	22.80
		MID	Q16	22.37	22.55	22.35	22.80
		HIGH	Q16	22.27	22.36	22.00	22.80
	50	LOW	Q16	20.91	21.05	21.05	21.80
		MID	Q16	20.94	20.99	20.97	21.80
		HIGH	Q16	20.87	20.94	20.94	21.80
	100	LOW	Q16	20.92	20.98	20.96	21.80
20	1	LOW	64QAM	21.03	21.07	21.10	21.80
		MID	64QAM	20.92	21.08	21.07	21.80
		HIGH	64QAM	20.81	20.95	21.06	21.80
	50	LOW	64QAM	20.07	20.08	19.99	20.80
		MID	64QAM	19.96	20.04	19.95	20.80
		HIGH	64QAM	20.10	20.23	20.14	20.80
	100	LOW	64QAM	20.00	20.10	20.22	20.80

LTE B2-Level2&3 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.12	14.21	14.26	15.30
		MID	QPSK	14.26	14.20	14.18	15.30
		HIGH	QPSK	14.09	14.30	14.09	15.30
	3	LOW	QPSK	14.32	14.53	14.46	15.30
		MID	QPSK	14.25	14.35	14.33	15.30
		HIGH	QPSK	14.31	14.19	14.20	15.30
1.4	6	LOW	QPSK	14.36	14.34	14.39	15.30
		LOW	Q16	14.23	14.24	14.25	15.30
		MID	Q16	14.18	14.39	14.25	15.30
	3	HIGH	Q16	14.34	14.12	14.03	15.30
		LOW	Q16	14.48	14.47	14.40	15.30
		MID	Q16	14.52	14.36	14.25	15.30
		HIGH	Q16	14.45	14.34	14.23	15.30
	6	LOW	Q16	14.36	14.28	14.47	15.30
		LOW	64QAM	14.19	14.16	14.20	15.30
1.4	1	MID	64QAM	14.26	14.52	14.13	15.30
		HIGH	64QAM	14.26	14.20	14.20	15.30
	3	LOW	64QAM	14.18	14.38	14.37	15.30
		MID	64QAM	14.33	14.45	14.30	15.30
		HIGH	64QAM	14.30	14.28	14.30	15.30
	6	LOW	64QAM	14.54	14.12	14.15	15.30
Bandwidth	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	14.36	14.32	14.24	15.30
		MID	QPSK	14.35	14.24	14.15	15.30
		HIGH	QPSK	14.33	14.02	14.10	15.30
	8	LOW	QPSK	14.30	14.26	14.36	15.30
		MID	QPSK	14.46	14.23	14.52	15.30
		HIGH	QPSK	14.46	14.40	14.22	15.30
3	15	LOW	QPSK	14.32	14.22	14.30	15.30
		LOW	Q16	14.10	14.17	14.20	15.30
		MID	Q16	14.25	14.39	14.18	15.30
	8	HIGH	Q16	14.39	14.17	14.03	15.30
		LOW	Q16	14.44	14.55	14.45	15.30
		MID	Q16	14.50	14.34	14.35	15.30
		HIGH	Q16	14.39	14.33	14.37	15.30
	15	LOW	Q16	14.23	14.25	14.37	15.30
		LOW	64QAM	14.21	14.02	14.35	15.30
3	1	MID	64QAM	14.24	14.37	14.32	15.30
		HIGH	64QAM	14.18	14.28	14.23	15.30
	8	LOW	64QAM	14.40	14.67	14.47	15.30
		MID	64QAM	14.40	14.51	14.27	15.30
		HIGH	64QAM	14.26	14.25	14.13	15.30
	15	LOW	64QAM	14.25	14.24	14.38	15.30

Bandwidth	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	14.34	14.11	14.12	15.30
		MID	QPSK	14.27	14.34	14.23	15.30
		HIGH	QPSK	14.22	14.13	14.14	15.30
	12	LOW	QPSK	14.48	14.38	14.51	15.30
		MID	QPSK	14.31	14.42	14.32	15.30
		HIGH	QPSK	14.42	14.35	14.25	15.30
	25	LOW	QPSK	14.35	14.33	14.41	15.30
5	1	LOW	Q16	14.35	14.23	14.12	15.30
		MID	Q16	14.39	14.33	14.24	15.30
		HIGH	Q16	14.21	14.18	14.08	15.30
	12	LOW	Q16	14.38	14.28	14.52	15.30
		MID	Q16	14.35	14.35	14.49	15.30
		HIGH	Q16	14.33	14.32	14.29	15.30
	25	LOW	Q16	14.28	14.34	14.21	15.30
5	1	LOW	64QAM	14.03	14.20	14.08	15.30
		MID	64QAM	14.28	14.39	14.26	15.30
		HIGH	64QAM	14.26	14.33	14.26	15.30
	12	LOW	64QAM	14.25	14.55	14.35	15.30
		MID	64QAM	14.43	14.50	14.42	15.30
		HIGH	64QAM	14.35	14.28	14.05	15.30
	25	LOW	64QAM	14.44	14.20	14.21	15.30
Bandwidth	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	14.20	14.31	14.12	15.30
		MID	QPSK	14.18	14.31	14.15	15.30
		HIGH	QPSK	14.13	14.27	14.18	15.30
	25	LOW	QPSK	14.25	14.52	14.34	15.30
		MID	QPSK	14.41	14.37	14.29	15.30
		HIGH	QPSK	14.46	14.35	14.25	15.30
	50	LOW	QPSK	14.32	14.28	14.41	15.30
10	1	LOW	Q16	14.36	14.34	14.38	15.30
		MID	Q16	14.39	14.47	14.36	15.30
		HIGH	Q16	14.24	14.03	14.11	15.30
	25	LOW	Q16	14.35	14.40	14.41	15.30
		MID	Q16	14.42	14.24	14.42	15.30
		HIGH	Q16	14.22	14.34	14.40	15.30
	50	LOW	Q16	14.42	14.12	14.27	15.30
10	1	LOW	64QAM	14.12	14.15	14.08	15.30
		MID	64QAM	14.17	14.60	14.16	15.30
		HIGH	64QAM	14.19	14.10	14.36	15.30
	25	LOW	64QAM	14.14	14.37	14.44	15.30
		MID	64QAM	14.43	14.57	14.24	15.30
		HIGH	64QAM	14.39	14.10	14.18	15.30
	50	LOW	64QAM	14.30	14.11	14.15	15.30

Bandwidth	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	14.16	14.14	14.19	15.30
		MID	QPSK	14.37	14.31	14.33	15.30
		HIGH	QPSK	14.26	14.31	14.16	15.30
	36	LOW	QPSK	14.49	14.55	14.30	15.30
		MID	QPSK	14.30	14.39	14.44	15.30
		HIGH	QPSK	14.19	14.21	14.33	15.30
	75	LOW	QPSK	14.43	14.23	14.42	15.30
15	1	LOW	Q16	14.13	14.20	14.27	15.30
		MID	Q16	14.42	14.24	14.29	15.30
		HIGH	Q16	14.14	14.13	14.25	15.30
	36	LOW	Q16	14.38	14.26	14.47	15.30
		MID	Q16	14.29	14.36	14.27	15.30
		HIGH	Q16	14.18	14.35	14.32	15.30
	75	LOW	Q16	14.26	14.38	14.41	15.30
15	1	LOW	64QAM	14.20	14.02	14.30	15.30
		MID	64QAM	14.10	14.35	14.22	15.30
		HIGH	64QAM	14.20	14.35	14.35	15.30
	36	LOW	64QAM	14.42	14.63	14.47	15.30
		MID	64QAM	14.53	14.49	14.49	15.30
		HIGH	64QAM	14.25	14.14	14.32	15.30
	75	LOW	64QAM	14.44	14.07	14.39	15.30
Bandwidth	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	14.22	14.22	14.24	15.30
		MID	QPSK	14.29	14.33	14.30	15.30
		HIGH	QPSK	14.24	14.17	14.18	15.30
	50	LOW	QPSK	14.38	14.41	14.43	15.30
		MID	QPSK	14.37	14.33	14.38	15.30
		HIGH	QPSK	14.31	14.25	14.31	15.30
	100	LOW	QPSK	14.36	14.27	14.35	15.30
20	1	LOW	Q16	14.11	14.21	14.20	15.30
		MID	Q16	14.31	14.22	14.38	15.30
		HIGH	Q16	14.20	14.17	14.24	15.30
	50	LOW	Q16	14.35	14.29	14.46	15.30
		MID	Q16	14.34	14.34	14.44	15.30
		HIGH	Q16	14.19	14.11	14.37	15.30
	100	LOW	Q16	14.28	14.35	14.40	15.30
20	1	LOW	64QAM	14.13	14.10	14.21	15.30
		MID	64QAM	14.25	14.47	14.19	15.30
		HIGH	64QAM	14.31	14.21	14.27	15.30
	50	LOW	64QAM	14.29	14.52	14.39	15.30
		MID	64QAM	14.47	14.47	14.38	15.30
		HIGH	64QAM	14.29	14.19	14.19	15.30
	100	LOW	64QAM	14.40	14.21	14.25	15.30

LTE B2-Level2&3 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.98	22.77	22.70	23.80
		MID	QPSK	23.05	22.48	22.18	23.80
		HIGH	QPSK	22.93	22.41	22.48	23.80
	3	LOW	QPSK	22.86	22.90	22.65	23.80
		MID	QPSK	22.95	22.59	22.03	23.80
		HIGH	QPSK	23.05	22.50	22.45	23.80
	6	LOW	QPSK	22.07	21.97	21.85	22.80
1.4	1	LOW	Q16	22.18	22.31	22.39	22.80
		MID	Q16	22.32	22.46	22.36	22.80
		HIGH	Q16	22.40	22.34	22.11	22.80
	3	LOW	Q16	22.09	22.17	22.45	22.80
		MID	Q16	22.18	22.60	22.33	22.80
		HIGH	Q16	22.47	22.27	22.05	22.80
	6	LOW	Q16	20.99	20.83	20.90	21.80
1.4	1	LOW	64QAM	21.11	21.09	21.17	21.80
		MID	64QAM	20.90	21.19	21.06	21.80
		HIGH	64QAM	20.73	20.87	20.98	21.80
	3	LOW	64QAM	21.25	21.20	21.24	21.80
		MID	64QAM	20.84	21.11	21.13	21.80
		HIGH	64QAM	20.71	20.73	21.00	21.80
	6	LOW	64QAM	19.93	20.16	20.10	20.80
Bandwidth	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.91	22.88	22.78	23.80
		MID	QPSK	23.05	22.44	22.16	23.80
		HIGH	QPSK	22.92	22.39	22.51	23.80
	8	LOW	QPSK	21.99	22.10	22.10	22.80
		MID	QPSK	21.95	22.07	21.88	22.80
		HIGH	QPSK	22.03	22.01	21.85	22.80
	15	LOW	QPSK	21.86	21.83	21.82	22.80
3	1	LOW	Q16	22.26	22.38	22.35	22.80
		MID	Q16	22.45	22.48	22.44	22.80
		HIGH	Q16	22.17	22.51	22.02	22.80
	8	LOW	Q16	20.95	20.92	21.08	21.80
		MID	Q16	21.03	21.12	20.95	21.80
		HIGH	Q16	20.98	20.99	21.03	21.80
	15	LOW	Q16	20.79	21.05	21.06	21.80
3	1	LOW	64QAM	21.05	20.99	21.07	21.80
		MID	64QAM	20.81	20.95	21.13	21.80
		HIGH	64QAM	20.83	20.94	20.99	21.80
	8	LOW	64QAM	19.95	20.10	20.08	20.80
		MID	64QAM	19.82	20.03	19.87	20.80
		HIGH	64QAM	20.23	20.33	19.99	20.80
	15	LOW	64QAM	19.86	20.20	20.16	20.80

Bandwidth	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)	
5	1	LOW	QPSK	22.91	22.95	22.52	23.80	
		MID	QPSK	22.84	22.54	22.26	23.80	
		HIGH	QPSK	22.72	22.28	22.46	23.80	
	12	LOW	QPSK	21.88	21.94	22.07	22.80	
		MID	QPSK	21.86	21.96	22.08	22.80	
		HIGH	QPSK	21.96	22.06	21.98	22.80	
	25	LOW	QPSK	21.80	21.96	22.06	22.80	
	5	1	LOW	Q16	22.15	22.49	22.39	22.80
			MID	Q16	22.51	22.49	22.42	22.80
HIGH			Q16	22.40	22.30	21.85	22.80	
12		LOW	Q16	20.91	21.03	20.91	21.80	
		MID	Q16	21.06	21.09	21.12	21.80	
		HIGH	Q16	20.81	21.09	20.96	21.80	
25	LOW	Q16	20.79	20.86	20.97	21.80		
5	1	LOW	64QAM	21.07	21.20	21.20	21.80	
		MID	64QAM	20.89	21.08	21.16	21.80	
		HIGH	64QAM	20.90	21.01	20.98	21.80	
	12	LOW	64QAM	19.93	20.07	19.85	20.80	
		MID	64QAM	19.93	20.01	20.08	20.80	
		HIGH	64QAM	20.14	20.30	20.28	20.80	
	25	LOW	64QAM	19.99	20.24	20.18	20.80	
Bandwidth	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)	
10	1	LOW	QPSK	22.84	22.96	22.74	23.80	
		MID	QPSK	22.95	22.42	22.42	23.80	
		HIGH	QPSK	22.88	22.35	22.24	23.80	
	25	LOW	QPSK	22.11	21.93	21.94	22.80	
		MID	QPSK	21.98	21.95	21.92	22.80	
		HIGH	QPSK	21.83	21.86	21.99	22.80	
	50	LOW	QPSK	21.87	21.82	21.80	22.80	
10	1	LOW	Q16	22.25	22.59	22.34	22.80	
		MID	Q16	22.36	22.48	22.33	22.80	
		HIGH	Q16	22.34	22.21	21.86	22.80	
	25	LOW	Q16	20.76	21.14	21.03	21.80	
		MID	Q16	21.01	20.84	20.86	21.80	
		HIGH	Q16	20.91	20.85	20.84	21.80	
	50	LOW	Q16	20.96	21.00	20.86	21.80	
10	1	LOW	64QAM	21.11	20.97	21.00	21.80	
		MID	64QAM	20.91	21.19	21.01	21.80	
		HIGH	64QAM	20.91	21.02	21.04	21.80	
	25	LOW	64QAM	20.02	19.94	19.92	20.80	
		MID	64QAM	20.03	20.07	20.09	20.80	
		HIGH	64QAM	20.15	20.38	20.19	20.80	
	50	LOW	64QAM	20.13	19.99	20.16	20.80	

Bandwidth	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.92	22.71	23.80
		MID	QPSK	23.09	22.40	22.42	23.80
		HIGH	QPSK	22.73	22.43	22.26	23.80
	36	LOW	QPSK	21.85	22.10	22.03	22.80
		MID	QPSK	21.90	21.89	21.84	22.80
		HIGH	QPSK	21.87	21.85	22.06	22.80
	75	LOW	QPSK	22.04	21.87	22.02	22.80
15	1	LOW	Q16	22.31	22.43	22.17	22.80
		MID	Q16	22.43	22.47	22.39	22.80
		HIGH	Q16	22.30	22.33	21.92	22.80
	36	LOW	Q16	20.84	21.10	21.19	21.80
		MID	Q16	20.95	20.84	20.82	21.80
		HIGH	Q16	20.75	20.87	20.84	21.80
	75	LOW	Q16	20.91	20.86	20.98	21.80
15	1	LOW	64QAM	20.91	21.17	20.98	21.80
		MID	64QAM	21.01	21.03	20.92	21.80
		HIGH	64QAM	20.90	20.82	21.02	21.80
	36	LOW	64QAM	20.07	20.09	19.94	20.80
		MID	64QAM	20.05	20.01	19.91	20.80
		HIGH	64QAM	20.08	20.08	20.14	20.80
	75	LOW	64QAM	20.09	20.22	20.19	20.80
Bandwidth	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.85	22.91	22.66	23.80
		MID	QPSK	22.94	22.47	22.31	23.80
		HIGH	QPSK	22.87	22.32	22.36	23.80
	50	LOW	QPSK	21.97	22.04	22.02	22.80
		MID	QPSK	21.97	22.00	21.96	22.80
		HIGH	QPSK	21.92	21.97	21.92	22.80
	100	LOW	QPSK	21.95	21.97	21.93	22.80
20	1	LOW	Q16	22.23	22.46	22.28	22.80
		MID	Q16	22.37	22.55	22.35	22.80
		HIGH	Q16	22.27	22.36	22.00	22.80
	50	LOW	Q16	20.91	21.05	21.05	21.80
		MID	Q16	20.94	20.99	20.97	21.80
		HIGH	Q16	20.87	20.94	20.94	21.80
	100	LOW	Q16	20.92	20.98	20.96	21.80
20	1	LOW	64QAM	21.03	21.07	21.10	21.80
		MID	64QAM	20.92	21.08	21.07	21.80
		HIGH	64QAM	20.81	20.95	21.06	21.80
	50	LOW	64QAM	20.07	20.08	19.99	20.80
		MID	64QAM	19.96	20.04	19.95	20.80
		HIGH	64QAM	20.10	20.23	20.14	20.80
	100	LOW	64QAM	20.00	20.10	20.22	20.80

LTE B2-Level4 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.97	19.32	19.17	19.80
		MID	QPSK	19.35	19.34	19.26	19.80
		HIGH	QPSK	19.20	19.23	19.04	19.80
	3	LOW	QPSK	19.18	19.25	19.31	19.80
		MID	QPSK	19.22	19.18	19.07	19.80
		HIGH	QPSK	19.19	19.21	19.17	19.80
	6	LOW	QPSK	19.37	19.26	19.22	19.80
1.4	1	LOW	Q16	18.90	19.25	18.99	19.80
		MID	Q16	19.19	19.39	18.94	19.80
		HIGH	Q16	19.23	19.01	19.15	19.80
	3	LOW	Q16	19.26	19.22	19.33	19.80
		MID	Q16	19.33	19.19	19.19	19.80
		HIGH	Q16	19.53	19.34	19.05	19.80
	6	LOW	Q16	19.14	19.09	19.18	19.80
1.4	1	LOW	64QAM	18.80	19.22	19.04	19.80
		MID	64QAM	19.30	19.39	19.10	19.80
		HIGH	64QAM	19.42	19.16	18.89	19.80
	3	LOW	64QAM	19.30	19.23	19.45	19.80
		MID	64QAM	19.33	19.36	19.21	19.80
		HIGH	64QAM	19.27	19.39	19.05	19.80
	6	LOW	64QAM	19.38	19.29	19.21	19.80
Bandwidth	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.12	19.29	19.18	19.80
		MID	QPSK	19.12	19.42	19.07	19.80
		HIGH	QPSK	19.24	19.20	19.01	19.80
	8	LOW	QPSK	19.29	19.42	19.38	19.80
		MID	QPSK	19.21	19.38	19.22	19.80
		HIGH	QPSK	19.11	19.26	19.05	19.80
15	LOW	QPSK	19.21	19.13	19.30	19.80	
3	1	LOW	Q16	19.09	19.08	19.09	19.80
		MID	Q16	19.29	19.38	18.93	19.80
		HIGH	Q16	19.04	19.10	19.06	19.80
	8	LOW	Q16	19.26	19.25	19.36	19.80
		MID	Q16	19.42	19.00	19.03	19.80
		HIGH	Q16	19.30	19.27	19.13	19.80
15	LOW	Q16	19.08	19.20	19.39	19.80	
3	1	LOW	64QAM	18.98	19.35	19.24	19.80
		MID	64QAM	19.19	19.46	19.08	19.80
		HIGH	64QAM	19.19	19.02	18.98	19.80
	8	LOW	64QAM	19.21	19.08	19.45	19.80
		MID	64QAM	19.22	19.36	19.19	19.80
		HIGH	64QAM	19.44	19.28	19.22	19.80
15	LOW	64QAM	19.31	19.24	19.34	19.80	

Bandwidth	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.04	19.07	19.11	19.80
		MID	QPSK	19.09	19.34	19.20	19.80
		HIGH	QPSK	19.15	19.04	19.03	19.80
	12	LOW	QPSK	19.11	19.20	19.17	19.80
		MID	QPSK	19.33	19.24	19.28	19.80
		HIGH	QPSK	19.24	19.13	19.21	19.80
	25	LOW	QPSK	19.35	19.30	19.38	19.80
5	1	LOW	Q16	18.99	19.11	18.88	19.80
		MID	Q16	19.38	19.13	18.94	19.80
		HIGH	Q16	19.20	19.05	19.19	19.80
	12	LOW	Q16	19.41	19.24	19.21	19.80
		MID	Q16	19.41	19.10	19.04	19.80
		HIGH	Q16	19.34	19.18	19.17	19.80
	25	LOW	Q16	19.27	19.01	19.29	19.80
5	1	LOW	64QAM	18.79	19.20	19.06	19.80
		MID	64QAM	19.17	19.30	19.32	19.80
		HIGH	64QAM	19.36	19.18	18.86	19.80
	12	LOW	64QAM	19.31	19.28	19.32	19.80
		MID	64QAM	19.22	19.14	19.11	19.80
		HIGH	64QAM	19.24	19.19	19.03	19.80
	25	LOW	64QAM	19.26	19.08	19.08	19.80
Bandwidth	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.98	19.16	18.97	19.80
		MID	QPSK	19.38	19.20	19.15	19.80
		HIGH	QPSK	19.32	18.99	18.91	19.80
	25	LOW	QPSK	19.06	19.41	19.31	19.80
		MID	QPSK	19.39	19.14	19.09	19.80
		HIGH	QPSK	19.23	19.27	19.06	19.80
	50	LOW	QPSK	19.24	19.20	19.26	19.80
10	1	LOW	Q16	18.95	19.13	18.97	19.80
		MID	Q16	19.26	19.24	18.92	19.80
		HIGH	Q16	19.03	19.03	19.26	19.80
	25	LOW	Q16	19.36	19.27	19.24	19.80
		MID	Q16	19.21	19.17	19.05	19.80
		HIGH	Q16	19.55	19.33	19.30	19.80
	50	LOW	Q16	19.19	19.04	19.11	19.80
10	1	LOW	64QAM	18.96	19.41	19.22	19.80
		MID	64QAM	19.25	19.26	19.26	19.80
		HIGH	64QAM	19.39	19.10	18.98	19.80
	25	LOW	64QAM	19.30	19.31	19.43	19.80
		MID	64QAM	19.38	19.13	19.07	19.80
		HIGH	64QAM	19.20	19.36	19.16	19.80
	50	LOW	64QAM	19.47	19.25	19.08	19.80

Bandwidth	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.05	19.20	19.20	19.80
		MID	QPSK	19.11	19.37	19.00	19.80
		HIGH	QPSK	19.30	19.08	19.00	19.80
	36	LOW	QPSK	19.30	19.44	19.19	19.80
		MID	QPSK	19.41	19.29	19.07	19.80
		HIGH	QPSK	19.41	19.28	19.26	19.80
	75	LOW	QPSK	19.10	19.27	19.10	19.80
15	1	LOW	Q16	18.81	19.23	18.93	19.80
		MID	Q16	19.26	19.31	19.07	19.80
		HIGH	Q16	19.22	19.19	19.26	19.80
	36	LOW	Q16	19.21	19.41	19.23	19.80
		MID	Q16	19.46	19.16	19.15	19.80
		HIGH	Q16	19.46	19.08	19.13	19.80
	75	LOW	Q16	19.14	19.16	19.12	19.80
15	1	LOW	64QAM	18.91	19.29	19.23	19.80
		MID	64QAM	19.42	19.33	19.32	19.80
		HIGH	64QAM	19.42	19.08	19.08	19.80
	36	LOW	64QAM	19.26	19.20	19.33	19.80
		MID	64QAM	19.14	19.28	19.10	19.80
		HIGH	64QAM	19.24	19.20	19.24	19.80
	75	LOW	64QAM	19.25	19.21	19.10	19.80
Bandwidth	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.08	19.19	19.07	19.80
		MID	QPSK	19.23	19.27	19.11	19.80
		HIGH	QPSK	19.18	19.12	19.00	19.80
	50	LOW	QPSK	19.20	19.29	19.31	19.80
		MID	QPSK	19.27	19.28	19.17	19.80
		HIGH	QPSK	19.26	19.23	19.13	19.80
	100	LOW	QPSK	19.24	19.22	19.25	19.80
20	1	LOW	Q16	18.95	19.15	19.03	19.80
		MID	Q16	19.29	19.28	19.07	19.80
		HIGH	Q16	19.08	19.08	19.14	19.80
	50	LOW	Q16	19.29	19.34	19.21	19.80
		MID	Q16	19.31	19.15	19.12	19.80
		HIGH	Q16	19.41	19.21	19.19	19.80
	100	LOW	Q16	19.15	19.09	19.25	19.80
20	1	LOW	64QAM	18.94	19.32	19.10	19.80
		MID	64QAM	19.32	19.34	19.19	19.80
		HIGH	64QAM	19.32	19.15	19.01	19.80
	50	LOW	64QAM	19.17	19.18	19.32	19.80
		MID	64QAM	19.28	19.22	19.17	19.80
		HIGH	64QAM	19.35	19.27	19.12	19.80
	100	LOW	64QAM	19.32	19.20	19.19	19.80

LTE B2-Level4 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.79	20.78	20.79	21.80
		MID	QPSK	20.83	21.06	20.97	21.80
		HIGH	QPSK	21.01	20.67	20.74	21.80
	3	LOW	QPSK	20.87	20.90	21.06	21.80
		MID	QPSK	21.09	20.89	20.97	21.80
		HIGH	QPSK	21.01	20.89	20.77	21.80
1.4	1	LOW	QPSK	21.06	20.83	20.88	21.80
	3	LOW	Q16	20.98	20.84	20.88	21.80
		MID	Q16	21.03	21.03	20.90	21.80
		HIGH	Q16	20.90	20.72	20.97	21.80
	3	LOW	Q16	20.96	21.03	21.30	21.80
		MID	Q16	20.99	20.91	21.13	21.80
1.4	1	LOW	Q16	20.90	21.01	21.17	21.80
	3	LOW	Q16	21.09	20.85	21.08	21.80
	6	LOW	Q16	21.11	21.00	21.13	21.80
	1	MID	64QAM	20.79	20.95	21.14	21.80
		HIGH	64QAM	20.98	21.10	20.92	21.80
	3	LOW	64QAM	20.96	20.89	21.00	21.80
1.4	1	MID	64QAM	20.21	20.20	20.08	20.80
		HIGH	64QAM	19.84	20.09	20.25	20.80
	6	LOW	64QAM	19.85	20.28	20.01	20.80
	1	LOW	64QAM	19.85	20.28	20.01	20.80
	3	LOW	64QAM	19.85	20.28	20.01	20.80
	6	LOW	64QAM	19.85	20.28	20.01	20.80
Bandwidth	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.73	21.05	20.71	21.80
		MID	QPSK	20.87	20.79	20.87	21.80
		HIGH	QPSK	20.91	20.89	20.64	21.80
	8	LOW	QPSK	21.09	21.05	21.01	21.80
		MID	QPSK	21.01	21.02	20.99	21.80
		HIGH	QPSK	20.81	21.09	21.00	21.80
3	15	LOW	QPSK	21.06	21.00	21.05	21.80
	1	LOW	Q16	21.06	20.80	20.91	21.80
		MID	Q16	20.87	21.14	20.86	21.80
		HIGH	Q16	21.06	20.78	20.98	21.80
	8	LOW	Q16	20.91	21.16	21.31	21.80
		MID	Q16	21.09	20.88	21.24	21.80
3	15	HIGH	Q16	21.05	20.87	21.11	21.80
	1	LOW	Q16	21.06	20.96	21.05	21.80
	8	LOW	64QAM	21.00	20.94	21.11	21.80
		MID	64QAM	20.90	21.00	21.00	21.80
		HIGH	64QAM	20.99	21.11	20.93	21.80
	15	LOW	64QAM	20.99	21.00	20.90	21.80
3	8	MID	64QAM	20.27	20.06	20.15	20.80
		HIGH	64QAM	20.04	20.30	20.21	20.80
	15	LOW	64QAM	19.82	20.27	20.26	20.80
		LOW	64QAM	19.82	20.27	20.26	20.80
		LOW	64QAM	19.82	20.27	20.26	20.80
	15	LOW	64QAM	19.82	20.27	20.26	20.80

Bandwidth	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.98	20.86	20.69	21.80
		MID	QPSK	21.10	20.97	20.77	21.80
		HIGH	QPSK	20.85	20.76	20.79	21.80
	12	LOW	QPSK	20.89	21.10	20.97	21.80
		MID	QPSK	21.12	20.84	21.15	21.80
		HIGH	QPSK	20.85	20.95	20.99	21.80
	25	LOW	QPSK	21.04	20.96	21.08	21.80
	5	1	LOW	Q16	21.01	20.86	20.98
			MID	Q16	20.92	21.04	20.74
			HIGH	Q16	21.02	20.79	20.91
		12	LOW	Q16	20.80	21.04	21.08
			MID	Q16	21.03	20.89	21.07
			HIGH	Q16	21.01	21.00	20.99
		25	LOW	Q16	20.88	20.81	21.27
5	1	LOW	64QAM	21.19	21.13	21.16	21.80
		MID	64QAM	20.75	21.21	21.14	21.80
		HIGH	64QAM	20.73	20.94	21.19	21.80
	12	LOW	64QAM	21.05	20.95	21.13	21.80
		MID	64QAM	20.06	20.07	20.02	20.80
		HIGH	64QAM	20.12	20.31	20.05	20.80
	25	LOW	64QAM	19.85	20.06	20.23	20.80
Bandwidth	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.80	21.01	20.75	21.80
		MID	QPSK	21.12	20.85	20.96	21.80
		HIGH	QPSK	21.08	20.86	20.90	21.80
	25	LOW	QPSK	21.04	20.89	21.12	21.80
		MID	QPSK	21.18	21.06	21.11	21.80
		HIGH	QPSK	21.03	20.95	20.91	21.80
	50	LOW	QPSK	21.12	21.10	20.87	21.80
10	1	LOW	Q16	20.93	20.81	20.99	21.80
		MID	Q16	20.97	21.01	20.87	21.80
		HIGH	Q16	21.08	20.94	20.94	21.80
	25	LOW	Q16	20.94	21.21	21.10	21.80
		MID	Q16	20.82	20.94	20.95	21.80
		HIGH	Q16	21.02	20.94	21.16	21.80
	50	LOW	Q16	20.86	21.05	21.07	21.80
10	1	LOW	64QAM	21.19	21.14	21.15	21.80
		MID	64QAM	20.74	21.08	21.22	21.80
		HIGH	64QAM	20.73	21.09	21.09	21.80
	25	LOW	64QAM	20.90	20.83	20.91	21.80
		MID	64QAM	20.04	19.99	20.09	20.80
		HIGH	64QAM	20.05	20.25	20.23	20.80
	50	LOW	64QAM	19.83	20.02	20.24	20.80

Bandwidth	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.94	20.99	20.91	21.80
		MID	QPSK	21.04	20.82	21.02	21.80
		HIGH	QPSK	20.82	20.66	20.88	21.80
	36	LOW	QPSK	21.14	20.82	21.10	21.80
		MID	QPSK	20.94	20.84	21.01	21.80
		HIGH	QPSK	20.99	21.01	20.78	21.80
	75	LOW	QPSK	20.95	21.03	21.10	21.80
15	1	LOW	Q16	20.94	20.94	21.05	21.80
		MID	Q16	20.94	20.92	20.80	21.80
		HIGH	Q16	20.89	20.91	20.97	21.80
	36	LOW	Q16	20.82	20.96	21.08	21.80
		MID	Q16	20.99	21.03	20.97	21.80
		HIGH	Q16	20.87	20.82	21.15	21.80
	75	LOW	Q16	21.06	21.02	21.18	21.80
15	1	LOW	64QAM	21.08	21.22	21.10	21.80
		MID	64QAM	20.84	21.15	21.11	21.80
		HIGH	64QAM	20.92	20.98	21.13	21.80
	36	LOW	64QAM	20.85	20.70	21.00	21.80
		MID	64QAM	20.05	19.90	20.09	20.80
		HIGH	64QAM	19.97	20.14	20.03	20.80
	75	LOW	64QAM	19.77	20.22	20.06	20.80
Bandwidth	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.86	20.93	20.81	21.80
		MID	QPSK	20.97	20.93	20.91	21.80
		HIGH	QPSK	20.95	20.80	20.75	21.80
	50	LOW	QPSK	21.01	20.97	21.10	21.80
		MID	QPSK	21.05	20.98	21.02	21.80
		HIGH	QPSK	20.94	20.98	20.91	21.80
	100	LOW	QPSK	21.01	20.95	21.00	21.80
20	1	LOW	Q16	20.91	20.83	20.94	21.80
		MID	Q16	20.93	20.99	20.78	21.80
		HIGH	Q16	21.04	20.82	20.87	21.80
	50	LOW	Q16	20.93	21.11	21.19	21.80
		MID	Q16	20.96	20.93	21.09	21.80
		HIGH	Q16	20.93	20.94	21.06	21.80
	100	LOW	Q16	20.94	20.91	21.15	21.80
20	1	LOW	64QAM	21.04	21.08	21.04	21.80
		MID	64QAM	20.89	21.10	21.08	21.80
		HIGH	64QAM	20.88	21.04	21.05	21.80
	50	LOW	64QAM	20.96	20.85	20.98	21.80
		MID	64QAM	20.14	20.05	20.03	20.80
		HIGH	64QAM	19.98	20.18	20.11	20.80
	100	LOW	64QAM	19.89	20.15	20.15	20.80

LTE B2-Level5&6 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.99	17.00	16.83	17.80
		MID	QPSK	16.97	17.04	16.95	17.80
		HIGH	QPSK	16.85	16.68	17.05	17.80
	3	LOW	QPSK	17.17	17.29	17.15	17.80
		MID	QPSK	17.08	17.20	17.11	17.80
		HIGH	QPSK	16.97	17.01	17.06	17.80
6	LOW	QPSK	17.23	17.17	16.98	17.80	
1.4	1	LOW	Q16	17.05	17.08	16.71	17.80
		MID	Q16	16.94	17.04	16.77	17.80
		HIGH	Q16	16.85	16.92	17.09	17.80
	3	LOW	Q16	17.21	17.10	16.86	17.80
		MID	Q16	17.13	17.13	17.10	17.80
		HIGH	Q16	17.13	17.25	17.00	17.80
6	LOW	Q16	16.95	17.02	17.27	17.80	
1.4	1	LOW	64QAM	17.07	17.07	16.90	17.80
		MID	64QAM	16.97	16.89	17.07	17.80
		HIGH	64QAM	17.09	16.92	16.98	17.80
	3	LOW	64QAM	17.07	17.24	17.25	17.80
		MID	64QAM	17.14	17.02	17.04	17.80
		HIGH	64QAM	17.13	17.16	17.15	17.80
6	LOW	64QAM	17.06	17.31	17.16	17.80	
Bandwidth	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	16.85	17.12	16.99	17.80
		MID	QPSK	17.14	17.15	17.14	17.80
		HIGH	QPSK	17.04	16.81	16.99	17.80
	8	LOW	QPSK	16.99	17.26	17.08	17.80
		MID	QPSK	17.08	16.90	17.03	17.80
		HIGH	QPSK	16.92	17.05	16.99	17.80
15	LOW	QPSK	16.98	16.96	16.95	17.80	
3	1	LOW	Q16	16.76	17.15	16.63	17.80
		MID	Q16	16.99	16.99	16.75	17.80
		HIGH	Q16	16.95	16.95	17.02	17.80
	8	LOW	Q16	17.22	16.95	16.86	17.80
		MID	Q16	16.98	17.22	17.04	17.80
		HIGH	Q16	17.00	17.03	17.00	17.80
15	LOW	Q16	17.21	17.27	17.02	17.80	
3	1	LOW	64QAM	17.06	16.96	17.03	17.80
		MID	64QAM	17.20	16.83	16.89	17.80
		HIGH	64QAM	16.96	16.72	17.02	17.80
	8	LOW	64QAM	17.11	17.27	17.09	17.80
		MID	64QAM	17.29	17.26	17.13	17.80
		HIGH	64QAM	17.18	17.17	17.01	17.80
15	LOW	64QAM	17.21	17.30	16.94	17.80	

Bandwidth	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	16.85	17.09	16.83	17.80
		MID	QPSK	17.17	16.94	16.88	17.80
		HIGH	QPSK	17.06	16.79	16.95	17.80
	12	LOW	QPSK	17.23	17.24	17.20	17.80
		MID	QPSK	16.99	16.95	17.02	17.80
		HIGH	QPSK	16.93	17.10	16.82	17.80
	25	LOW	QPSK	17.10	16.89	17.01	17.80
5	1	LOW	Q16	16.91	17.14	16.77	17.80
		MID	Q16	17.01	17.22	16.99	17.80
		HIGH	Q16	16.85	17.05	16.98	17.80
	12	LOW	Q16	17.17	17.13	17.09	17.80
		MID	Q16	16.91	17.03	17.15	17.80
		HIGH	Q16	17.22	17.22	16.91	17.80
	25	LOW	Q16	17.17	17.12	17.04	17.80
5	1	LOW	64QAM	17.16	17.19	17.19	17.80
		MID	64QAM	17.07	16.91	17.11	17.80
		HIGH	64QAM	17.13	16.78	17.05	17.80
	12	LOW	64QAM	16.98	17.24	17.05	17.80
		MID	64QAM	17.05	17.11	16.92	17.80
		HIGH	64QAM	16.97	17.05	17.12	17.80
	25	LOW	64QAM	17.21	17.05	16.92	17.80
Bandwidth	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.00	17.14	16.84	17.80
		MID	QPSK	17.00	17.19	17.02	17.80
		HIGH	QPSK	16.91	16.87	16.82	17.80
	25	LOW	QPSK	17.09	17.20	17.04	17.80
		MID	QPSK	17.21	17.19	16.96	17.80
		HIGH	QPSK	17.02	16.86	17.09	17.80
10	50	LOW	QPSK	17.07	17.10	16.98	17.80
	1	LOW	Q16	17.05	17.06	16.64	17.80
		MID	Q16	17.07	16.98	16.95	17.80
		HIGH	Q16	17.02	16.83	16.86	17.80
	25	LOW	Q16	17.07	17.16	16.88	17.80
		MID	Q16	17.05	17.14	17.13	17.80
		HIGH	Q16	17.06	17.21	17.05	17.80
	50	LOW	Q16	17.05	17.05	17.05	17.80
10	1	LOW	64QAM	17.09	17.26	17.15	17.80
		MID	64QAM	17.01	16.93	17.07	17.80
		HIGH	64QAM	17.06	16.73	17.05	17.80
	25	LOW	64QAM	17.07	17.37	17.07	17.80
		MID	64QAM	17.26	17.24	17.00	17.80
		HIGH	64QAM	17.22	17.19	16.87	17.80
	50	LOW	64QAM	17.09	17.20	17.16	17.80

Bandwidth	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	16.83	17.08	16.90	17.80
		MID	QPSK	17.00	17.16	16.90	17.80
		HIGH	QPSK	17.12	16.81	16.90	17.80
	36	LOW	QPSK	16.98	17.20	16.98	17.80
		MID	QPSK	17.00	17.16	16.93	17.80
		HIGH	QPSK	16.93	16.94	17.05	17.80
	75	LOW	QPSK	17.05	17.01	17.08	17.80
15	1	LOW	Q16	16.86	16.96	16.86	17.80
		MID	Q16	17.05	17.02	16.95	17.80
		HIGH	Q16	16.79	16.95	16.94	17.80
	36	LOW	Q16	17.26	17.07	16.88	17.80
		MID	Q16	17.14	17.19	17.12	17.80
		HIGH	Q16	17.03	17.24	16.88	17.80
	75	LOW	Q16	17.11	17.29	17.03	17.80
15	1	LOW	64QAM	17.06	16.96	16.91	17.80
		MID	64QAM	17.02	16.76	17.13	17.80
		HIGH	64QAM	16.99	16.90	16.84	17.80
	36	LOW	64QAM	16.99	17.20	17.05	17.80
		MID	64QAM	17.18	17.20	16.92	17.80
		HIGH	64QAM	17.21	17.09	17.09	17.80
	75	LOW	64QAM	17.17	17.07	16.99	17.80
Bandwidth	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	16.97	17.00	16.92	17.80
		MID	QPSK	17.02	17.04	16.99	17.80
		HIGH	QPSK	16.98	16.81	16.90	17.80
	50	LOW	QPSK	17.09	17.17	17.08	17.80
		MID	QPSK	17.12	17.05	17.04	17.80
		HIGH	QPSK	17.07	16.99	16.96	17.80
	100	LOW	QPSK	17.08	17.04	17.01	17.80
20	1	LOW	Q16	16.90	17.05	16.77	17.80
		MID	Q16	16.92	17.08	16.88	17.80
		HIGH	Q16	16.89	16.93	16.99	17.80
	50	LOW	Q16	17.16	17.09	16.94	17.80
		MID	Q16	16.99	17.17	17.03	17.80
		HIGH	Q16	17.10	17.13	16.91	17.80
	100	LOW	Q16	17.06	17.17	17.13	17.80
20	1	LOW	64QAM	17.05	17.11	17.05	17.80
		MID	64QAM	17.11	16.90	17.03	17.80
		HIGH	64QAM	17.11	16.79	16.96	17.80
	50	LOW	64QAM	17.13	17.27	17.17	17.80
		MID	64QAM	17.19	17.17	17.01	17.80
		HIGH	64QAM	17.11	17.08	17.00	17.80
	100	LOW	64QAM	17.11	17.19	17.01	17.80

LTE B2-Level5&6 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.70	18.88	18.74	19.80
		MID	QPSK	18.84	19.04	18.67	19.80
		HIGH	QPSK	18.81	18.85	18.51	19.80
	3	LOW	QPSK	18.88	18.88	18.91	19.80
		MID	QPSK	18.85	18.99	18.67	19.80
		HIGH	QPSK	18.78	18.96	18.93	19.80
	6	LOW	QPSK	19.06	18.90	18.76	19.80
1.4	1	LOW	Q16	18.79	18.80	19.09	19.80
		MID	Q16	18.81	19.11	18.65	19.80
		HIGH	Q16	18.82	18.68	18.67	19.80
	3	LOW	Q16	18.96	18.99	19.01	19.80
		MID	Q16	18.81	19.13	18.73	19.80
		HIGH	Q16	19.15	19.07	18.67	19.80
	6	LOW	Q16	18.89	19.13	18.84	19.80
1.4	1	LOW	64QAM	18.74	19.03	18.92	19.80
		MID	64QAM	18.78	18.99	18.78	19.80
		HIGH	64QAM	18.99	18.80	18.64	19.80
	3	LOW	64QAM	18.90	18.81	19.19	19.80
		MID	64QAM	19.12	19.09	18.99	19.80
		HIGH	64QAM	18.87	19.02	18.80	19.80
	6	LOW	64QAM	18.94	18.96	18.79	19.80
Bandwidth	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.72	18.76	18.90	19.80
		MID	QPSK	18.85	18.93	18.65	19.80
		HIGH	QPSK	18.81	18.88	18.53	19.80
	8	LOW	QPSK	18.93	19.12	18.91	19.80
		MID	QPSK	18.82	19.10	18.91	19.80
		HIGH	QPSK	18.99	18.97	18.88	19.80
	15	LOW	QPSK	18.99	19.03	18.84	19.80
3	1	LOW	Q16	18.67	18.73	18.91	19.80
		MID	Q16	18.89	18.95	18.71	19.80
		HIGH	Q16	18.93	18.74	18.68	19.80
	8	LOW	Q16	18.96	19.10	18.81	19.80
		MID	Q16	18.94	19.26	18.71	19.80
		HIGH	Q16	19.16	18.90	18.88	19.80
	15	LOW	Q16	18.70	18.91	18.84	19.80
3	1	LOW	64QAM	18.87	18.85	18.83	19.80
		MID	64QAM	18.86	18.86	18.75	19.80
		HIGH	64QAM	18.94	18.70	18.56	19.80
	8	LOW	64QAM	19.07	18.80	18.98	19.80
		MID	64QAM	19.23	19.12	18.98	19.80
		HIGH	64QAM	18.93	18.84	18.76	19.80
	15	LOW	64QAM	18.78	18.71	18.76	19.80

Bandwidth	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.68	18.82	18.69	19.80
		MID	QPSK	18.82	19.07	18.84	19.80
		HIGH	QPSK	18.92	18.83	18.78	19.80
	12	LOW	QPSK	18.99	19.03	19.06	19.80
		MID	QPSK	18.92	19.00	18.79	19.80
		HIGH	QPSK	18.87	18.87	18.77	19.80
	25	LOW	QPSK	18.97	18.95	18.69	19.80
5	1	LOW	Q16	18.86	18.84	18.87	19.80
		MID	Q16	18.87	19.07	18.81	19.80
		HIGH	Q16	19.02	18.64	18.79	19.80
	12	LOW	Q16	18.95	18.94	18.76	19.80
		MID	Q16	18.84	18.99	18.88	19.80
		HIGH	Q16	19.08	19.01	18.88	19.80
	25	LOW	Q16	18.75	18.96	18.92	19.80
5	1	LOW	64QAM	18.94	18.97	18.92	19.80
		MID	64QAM	18.79	18.78	18.80	19.80
		HIGH	64QAM	18.92	18.84	18.49	19.80
	12	LOW	64QAM	19.12	19.04	19.05	19.80
		MID	64QAM	19.15	19.25	18.87	19.80
		HIGH	64QAM	18.94	18.83	18.71	19.80
	25	LOW	64QAM	18.99	18.71	18.59	19.80
Bandwidth	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.88	18.98	18.95	19.80
		MID	QPSK	18.84	19.03	18.65	19.80
		HIGH	QPSK	18.67	18.82	18.65	19.80
	25	LOW	QPSK	18.87	18.94	18.95	19.80
		MID	QPSK	18.93	18.85	18.90	19.80
		HIGH	QPSK	18.87	18.99	18.93	19.80
	50	LOW	QPSK	19.04	18.93	18.74	19.80
10	1	LOW	Q16	18.81	18.83	18.79	19.80
		MID	Q16	18.98	18.95	18.86	19.80
		HIGH	Q16	18.95	18.74	18.78	19.80
	25	LOW	Q16	18.81	19.11	18.94	19.80
		MID	Q16	18.95	19.26	18.74	19.80
		HIGH	Q16	18.99	18.94	18.75	19.80
	50	LOW	Q16	18.92	18.94	18.88	19.80
10	1	LOW	64QAM	18.78	19.08	18.78	19.80
		MID	64QAM	18.88	18.74	18.91	19.80
		HIGH	64QAM	18.86	18.98	18.52	19.80
	25	LOW	64QAM	18.91	18.93	19.05	19.80
		MID	64QAM	19.20	19.20	19.03	19.80
		HIGH	64QAM	18.84	19.02	18.91	19.80
	50	LOW	64QAM	18.99	18.73	18.76	19.80

Bandwidth	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.66	18.99	18.84	19.80
		MID	QPSK	19.02	19.02	18.76	19.80
		HIGH	QPSK	18.87	18.65	18.68	19.80
	36	LOW	QPSK	18.86	19.06	18.93	19.80
		MID	QPSK	18.97	18.84	18.69	19.80
		HIGH	QPSK	18.82	19.09	18.70	19.80
	75	LOW	QPSK	19.02	18.90	18.70	19.80
15	1	LOW	Q16	18.87	18.86	19.03	19.80
		MID	Q16	18.80	19.11	18.85	19.80
		HIGH	Q16	19.01	18.62	18.71	19.80
	36	LOW	Q16	18.74	19.06	18.76	19.80
		MID	Q16	18.85	19.02	18.70	19.80
		HIGH	Q16	18.90	19.02	18.77	19.80
	75	LOW	Q16	18.80	19.09	19.03	19.80
15	1	LOW	64QAM	18.93	18.91	18.75	19.80
		MID	64QAM	18.74	18.87	18.80	19.80
		HIGH	64QAM	18.96	18.87	18.66	19.80
	36	LOW	64QAM	19.14	18.93	18.91	19.80
		MID	64QAM	19.18	19.01	18.86	19.80
		HIGH	64QAM	18.99	18.93	18.87	19.80
	75	LOW	64QAM	18.83	18.73	18.80	19.80
Bandwidth	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.78	18.87	18.82	19.80
		MID	QPSK	18.91	18.98	18.79	19.80
		HIGH	QPSK	18.82	18.74	18.66	19.80
	50	LOW	QPSK	18.94	18.97	18.91	19.80
		MID	QPSK	18.95	18.98	18.80	19.80
		HIGH	QPSK	18.87	18.97	18.79	19.80
	100	LOW	QPSK	18.94	18.89	18.82	19.80
20	1	LOW	Q16	18.73	18.76	18.94	19.80
		MID	Q16	18.89	19.05	18.77	19.80
		HIGH	Q16	18.88	18.60	18.75	19.80
	50	LOW	Q16	18.88	19.00	18.87	19.80
		MID	Q16	18.91	19.11	18.82	19.80
		HIGH	Q16	19.01	18.99	18.74	19.80
	100	LOW	Q16	18.82	19.04	18.93	19.80
20	1	LOW	64QAM	18.88	18.96	18.86	19.80
		MID	64QAM	18.84	18.88	18.88	19.80
		HIGH	64QAM	18.96	18.85	18.63	19.80
	50	LOW	64QAM	19.02	18.94	19.05	19.80
		MID	64QAM	19.08	19.12	18.93	19.80
		HIGH	64QAM	18.87	18.91	18.78	19.80
	100	LOW	64QAM	18.87	18.84	18.72	19.80

8.3.2 LTE Band4 Output Power

LTE B4-Level1 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.78	13.71	13.65	14.30
		MID	QPSK	13.93	13.71	13.54	14.30
		HIGH	QPSK	13.47	13.50	13.45	14.30
	3	LOW	QPSK	13.64	13.79	13.75	14.30
		MID	QPSK	13.77	13.77	13.70	14.30
		HIGH	QPSK	13.77	13.68	13.54	14.30
	6	LOW	QPSK	13.67	13.65	13.55	14.30
1.4	1	LOW	Q16	13.81	13.80	13.96	14.30
		MID	Q16	13.84	13.79	13.63	14.30
		HIGH	Q16	13.70	13.47	13.34	14.30
	3	LOW	Q16	13.60	13.81	13.67	14.30
		MID	Q16	13.66	14.00	13.81	14.30
		HIGH	Q16	13.88	13.69	13.56	14.30
	6	LOW	Q16	13.71	13.79	13.59	14.30
1.4	1	LOW	64QAM	13.66	13.63	13.77	14.30
		MID	64QAM	13.82	13.71	13.51	14.30
		HIGH	64QAM	13.42	13.62	13.34	14.30
	3	LOW	64QAM	13.88	13.82	13.65	14.30
		MID	64QAM	13.96	13.87	13.78	14.30
		HIGH	64QAM	14.04	13.71	13.41	14.30
	6	LOW	64QAM	13.78	14.07	13.59	14.30
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	13.58	13.87	13.61	14.30
		MID	QPSK	13.66	13.74	13.55	14.30
		HIGH	QPSK	13.58	13.46	13.44	14.30
	8	LOW	QPSK	13.62	13.66	13.62	14.30
		MID	QPSK	13.83	13.63	13.62	14.30
		HIGH	QPSK	13.93	13.93	13.72	14.30
	15	LOW	QPSK	13.69	13.78	13.75	14.30
3	1	LOW	Q16	13.70	13.62	13.83	14.30
		MID	Q16	13.98	13.64	13.64	14.30
		HIGH	Q16	13.61	13.53	13.32	14.30
	8	LOW	Q16	13.55	13.78	13.76	14.30
		MID	Q16	13.58	13.79	13.98	14.30
		HIGH	Q16	13.87	13.70	13.50	14.30
	15	LOW	Q16	13.91	13.94	13.88	14.30
3	1	LOW	64QAM	13.85	13.48	13.77	14.30
		MID	64QAM	13.80	13.77	13.49	14.30
		HIGH	64QAM	13.35	13.40	13.32	14.30
	8	LOW	64QAM	13.97	13.84	13.58	14.30
		MID	64QAM	13.93	13.73	13.87	14.30
		HIGH	64QAM	13.92	13.58	13.61	14.30
	15	LOW	64QAM	13.63	13.89	13.64	14.30

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	13.79	13.88	13.69	14.30
		MID	QPSK	13.63	13.96	13.64	14.30
		HIGH	QPSK	13.56	13.73	13.58	14.30
	12	LOW	QPSK	13.76	13.70	13.88	14.30
		MID	QPSK	13.74	13.89	13.84	14.30
		HIGH	QPSK	13.70	13.71	13.54	14.30
	25	LOW	QPSK	13.90	13.80	13.67	14.30
5	1	LOW	Q16	13.67	13.60	13.85	14.30
		MID	Q16	13.99	13.68	13.62	14.30
		HIGH	Q16	13.46	13.36	13.44	14.30
	12	LOW	Q16	13.77	13.74	13.82	14.30
		MID	Q16	13.84	13.88	13.75	14.30
		HIGH	Q16	13.84	13.73	13.65	14.30
	25	LOW	Q16	13.87	14.03	13.65	14.30
5	1	LOW	64QAM	13.78	13.76	13.77	14.30
		MID	64QAM	13.89	13.69	13.55	14.30
		HIGH	64QAM	13.44	13.52	13.29	14.30
	12	LOW	64QAM	13.90	13.92	13.62	14.30
		MID	64QAM	14.06	13.80	13.67	14.30
		HIGH	64QAM	13.83	13.62	13.56	14.30
	25	LOW	64QAM	13.78	13.79	13.62	14.30
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	13.55	13.72	13.82	14.30
		MID	QPSK	13.81	13.96	13.75	14.30
		HIGH	QPSK	13.51	13.45	13.55	14.30
	25	LOW	QPSK	13.60	13.84	13.87	14.30
		MID	QPSK	13.91	13.85	13.79	14.30
		HIGH	QPSK	13.87	13.80	13.46	14.30
	50	LOW	QPSK	13.70	13.70	13.56	14.30
10	1	LOW	Q16	13.64	13.85	13.69	14.30
		MID	Q16	13.76	13.78	13.76	14.30
		HIGH	Q16	13.61	13.48	13.30	14.30
	25	LOW	Q16	13.56	13.89	13.90	14.30
		MID	Q16	13.66	13.91	13.91	14.30
		HIGH	Q16	13.94	13.97	13.58	14.30
	50	LOW	Q16	13.94	13.87	13.81	14.30
10	1	LOW	64QAM	13.89	13.50	13.79	14.30
		MID	64QAM	13.84	13.67	13.51	14.30
		HIGH	64QAM	13.46	13.38	13.28	14.30
	25	LOW	64QAM	13.94	13.82	13.73	14.30
		MID	64QAM	14.08	13.89	13.88	14.30
		HIGH	64QAM	13.77	13.55	13.63	14.30
	50	LOW	64QAM	13.73	13.99	13.41	14.30

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	13.73	13.70	13.74	14.30
		MID	QPSK	13.81	13.69	13.62	14.30
		HIGH	QPSK	13.60	13.70	13.52	14.30
	36	LOW	QPSK	13.69	13.68	13.87	14.30
		MID	QPSK	13.72	13.68	13.80	14.30
		HIGH	QPSK	13.95	13.92	13.61	14.30
	75	LOW	QPSK	13.77	13.89	13.58	14.30
15	1	LOW	Q16	13.62	13.63	13.85	14.30
		MID	Q16	13.92	13.90	13.64	14.30
		HIGH	Q16	13.61	13.35	13.51	14.30
	36	LOW	Q16	13.61	13.86	13.83	14.30
		MID	Q16	13.70	13.85	13.71	14.30
		HIGH	Q16	13.76	13.82	13.64	14.30
	75	LOW	Q16	13.73	14.01	13.79	14.30
15	1	LOW	64QAM	13.92	13.58	13.72	14.30
		MID	64QAM	14.03	13.83	13.54	14.30
		HIGH	64QAM	13.41	13.37	13.25	14.30
	36	LOW	64QAM	13.81	13.83	13.75	14.30
		MID	64QAM	13.84	13.78	13.78	14.30
		HIGH	64QAM	13.87	13.57	13.43	14.30
	75	LOW	64QAM	13.68	13.83	13.59	14.30
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	13.66	13.76	13.70	14.30
		MID	QPSK	13.78	13.82	13.65	14.30
		HIGH	QPSK	13.59	13.59	13.43	14.30
	50	LOW	QPSK	13.72	13.76	13.76	14.30
		MID	QPSK	13.82	13.78	13.74	14.30
		HIGH	QPSK	13.83	13.82	13.57	14.30
	100	LOW	QPSK	13.75	13.78	13.68	14.30
20	1	LOW	Q16	13.69	13.70	13.82	14.30
		MID	Q16	13.87	13.78	13.64	14.30
		HIGH	Q16	13.61	13.50	13.45	14.30
	50	LOW	Q16	13.68	13.78	13.77	14.30
		MID	Q16	13.71	13.89	13.83	14.30
		HIGH	Q16	13.87	13.82	13.57	14.30
	100	LOW	Q16	13.82	13.88	13.74	14.30
20	1	LOW	64QAM	13.78	13.63	13.73	14.30
		MID	64QAM	13.90	13.80	13.50	14.30
		HIGH	64QAM	13.46	13.48	13.36	14.30
	50	LOW	64QAM	13.82	13.91	13.61	14.30
		MID	64QAM	13.95	13.83	13.77	14.30
		HIGH	64QAM	13.91	13.70	13.51	14.30
	100	LOW	64QAM	13.68	13.93	13.55	14.30

LTE B4-Level1 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.11	23.21	23.25	23.80
		MID	QPSK	23.32	23.17	23.08	23.80
		HIGH	QPSK	23.17	23.19	22.90	23.80
	3	LOW	QPSK	23.07	23.17	23.35	23.80
		MID	QPSK	23.29	23.24	23.00	23.80
		HIGH	QPSK	23.16	23.26	22.83	23.80
	6	LOW	QPSK	22.44	22.21	21.93	22.80
	1.4	LOW	Q16	22.52	22.76	22.73	23.30
		MID	Q16	22.77	22.73	22.34	23.30
		HIGH	Q16	22.62	22.50	22.43	23.30
		LOW	Q16	22.60	22.85	22.83	23.30
		MID	Q16	22.91	22.70	22.30	23.30
		HIGH	Q16	22.54	22.43	22.32	23.30
	6	LOW	Q16	21.28	21.27	21.13	22.30
1.4	1	LOW	64QAM	21.24	21.08	21.26	22.30
		MID	64QAM	21.31	21.15	21.43	22.30
		HIGH	64QAM	21.14	21.34	21.07	22.30
	3	LOW	64QAM	21.25	21.16	21.18	22.30
		MID	64QAM	21.30	21.15	21.55	22.30
		HIGH	64QAM	21.27	21.33	20.95	22.30
	6	LOW	64QAM	20.07	19.97	19.91	21.30
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	23.29	23.11	23.80
		MID	QPSK	23.19	23.41	23.17	23.80
		HIGH	QPSK	23.00	23.09	23.10	23.80
	8	LOW	QPSK	22.11	22.18	22.08	22.80
		MID	QPSK	22.43	22.22	22.22	22.80
		HIGH	QPSK	22.20	22.25	22.09	22.80
	15	LOW	QPSK	22.42	22.28	22.21	22.80
	3	LOW	Q16	22.72	22.81	22.47	23.30
		MID	Q16	22.62	22.73	22.35	23.30
		HIGH	Q16	22.49	22.52	22.30	23.30
		LOW	Q16	21.06	21.11	21.30	22.30
		MID	Q16	21.13	21.16	21.32	22.30
		HIGH	Q16	21.17	21.34	20.89	22.30
	15	LOW	Q16	21.24	21.19	20.94	22.30
3	1	LOW	64QAM	21.18	21.09	21.44	22.30
		MID	64QAM	21.04	21.06	21.23	22.30
		HIGH	64QAM	20.97	21.31	21.02	22.30
	8	LOW	64QAM	20.12	20.09	20.31	21.30
		MID	64QAM	19.95	19.98	19.99	21.30
		HIGH	64QAM	19.93	20.13	19.93	21.30
	15	LOW	64QAM	19.95	20.15	19.91	21.30

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.01	23.21	23.19	23.80
		MID	QPSK	23.29	23.24	23.28	23.80
		HIGH	QPSK	22.93	23.04	22.89	23.80
	12	LOW	QPSK	22.34	22.11	22.11	22.80
		MID	QPSK	22.30	22.35	22.00	22.80
		HIGH	QPSK	22.38	22.13	22.13	22.80
	25	LOW	QPSK	22.20	22.24	22.03	22.80
5	1	LOW	Q16	22.50	22.90	22.71	23.30
		MID	Q16	22.83	22.72	22.45	23.30
		HIGH	Q16	22.37	22.62	22.39	23.30
	12	LOW	Q16	21.00	21.13	21.06	22.30
		MID	Q16	21.16	21.17	21.27	22.30
		HIGH	Q16	21.21	21.21	21.16	22.30
	25	LOW	Q16	21.15	21.30	21.13	22.30
5	1	LOW	64QAM	21.37	21.32	21.45	22.30
		MID	64QAM	21.22	21.09	21.29	22.30
		HIGH	64QAM	21.21	21.16	21.08	22.30
	12	LOW	64QAM	20.20	20.17	20.39	21.30
		MID	64QAM	19.90	20.13	20.12	21.30
		HIGH	64QAM	20.01	20.17	19.99	21.30
	25	LOW	64QAM	19.91	20.19	20.10	21.30
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.06	23.19	23.28	23.80
		MID	QPSK	23.20	23.19	23.11	23.80
		HIGH	QPSK	23.09	22.89	22.87	23.80
	25	LOW	QPSK	22.07	22.11	22.14	22.80
		MID	QPSK	22.42	22.15	22.17	22.80
		HIGH	QPSK	22.26	22.38	22.01	22.80
	50	LOW	QPSK	22.23	22.16	22.11	22.80
10	1	LOW	Q16	22.49	22.77	22.74	23.30
		MID	Q16	22.70	22.67	22.48	23.30
		HIGH	Q16	22.53	22.53	22.20	23.30
	25	LOW	Q16	21.04	21.07	21.15	22.30
		MID	Q16	21.18	21.16	21.16	22.30
		HIGH	Q16	21.09	21.19	20.93	22.30
	50	LOW	Q16	21.15	21.19	21.01	22.30
10	1	LOW	64QAM	21.34	21.34	21.22	22.30
		MID	64QAM	21.18	21.09	21.16	22.30
		HIGH	64QAM	20.97	21.26	21.12	22.30
	25	LOW	64QAM	20.20	20.06	20.33	21.30
		MID	64QAM	20.01	20.11	20.20	21.30
		HIGH	64QAM	19.91	20.19	20.06	21.30
	50	LOW	64QAM	19.80	19.90	20.09	21.30

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.24	23.32	23.16	23.80
		MID	QPSK	23.20	23.22	23.27	23.80
		HIGH	QPSK	23.19	23.00	23.07	23.80
	36	LOW	QPSK	22.09	22.28	22.29	22.80
		MID	QPSK	22.35	22.09	22.06	22.80
		HIGH	QPSK	22.26	22.40	22.12	22.80
	75	LOW	QPSK	22.32	22.21	22.10	22.80
15	1	LOW	Q16	22.72	22.68	22.59	23.30
		MID	Q16	22.66	22.67	22.44	23.30
		HIGH	Q16	22.32	22.49	22.37	23.30
	36	LOW	Q16	21.28	21.17	21.12	22.30
		MID	Q16	21.17	21.13	21.31	22.30
		HIGH	Q16	21.09	21.31	21.10	22.30
	75	LOW	Q16	21.23	21.22	21.13	22.30
15	1	LOW	64QAM	21.32	21.14	21.44	22.30
		MID	64QAM	21.06	20.99	21.40	22.30
		HIGH	64QAM	21.16	21.31	21.14	22.30
	36	LOW	64QAM	20.25	19.99	20.38	21.30
		MID	64QAM	20.07	19.97	19.91	21.30
		HIGH	64QAM	20.05	20.08	20.05	21.30
	75	LOW	64QAM	20.04	20.07	20.00	21.30
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.13	23.25	23.21	23.80
		MID	QPSK	23.27	23.32	23.15	23.80
		HIGH	QPSK	23.07	23.04	22.97	23.80
	50	LOW	QPSK	22.20	22.21	22.14	22.80
		MID	QPSK	22.31	22.24	22.15	22.80
		HIGH	QPSK	22.29	22.28	22.02	22.80
	100	LOW	QPSK	22.29	22.26	22.08	22.80
20	1	LOW	Q16	22.57	22.77	22.60	23.30
		MID	Q16	22.71	22.81	22.49	23.30
		HIGH	Q16	22.47	22.61	22.30	23.30
	50	LOW	Q16	21.15	21.17	21.16	22.30
		MID	Q16	21.23	21.25	21.17	22.30
		HIGH	Q16	21.21	21.27	21.01	22.30
	100	LOW	Q16	21.14	21.23	21.06	22.30
20	1	LOW	64QAM	21.32	21.21	21.34	22.30
		MID	64QAM	21.19	21.13	21.28	22.30
		HIGH	64QAM	21.08	21.19	21.17	22.30
	50	LOW	64QAM	20.11	20.14	20.29	21.30
		MID	64QAM	19.98	20.00	20.06	21.30
		HIGH	64QAM	19.93	20.08	19.96	21.30
	100	LOW	64QAM	19.94	20.04	20.05	21.30

LTE B4-Level2&3 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	11.19	11.40	11.31	12.30
		MID	QPSK	11.53	11.50	11.40	12.30
		HIGH	QPSK	11.42	11.27	11.24	12.30
	3	LOW	QPSK	11.25	11.47	11.51	12.30
		MID	QPSK	11.47	11.66	11.57	12.30
		HIGH	QPSK	11.65	11.63	11.28	12.30
	6	LOW	QPSK	11.51	11.55	11.56	12.30
1.4	1	LOW	Q16	11.34	11.27	11.61	12.30
		MID	Q16	11.36	11.61	11.46	12.30
		HIGH	Q16	11.25	11.60	11.39	12.30
	3	LOW	Q16	11.54	11.29	11.50	12.30
		MID	Q16	11.48	11.66	11.25	12.30
		HIGH	Q16	11.66	11.72	11.39	12.30
	6	LOW	Q16	11.57	11.38	11.40	12.30
1.4	1	LOW	64QAM	11.22	11.42	11.29	12.30
		MID	64QAM	11.62	11.54	11.56	12.30
		HIGH	64QAM	11.36	11.19	11.22	12.30
	3	LOW	64QAM	11.38	11.46	11.55	12.30
		MID	64QAM	11.43	11.48	11.65	12.30
		HIGH	64QAM	11.60	11.73	11.37	12.30
	6	LOW	64QAM	11.42	11.30	11.28	12.30
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	11.27	11.45	11.48	12.30
		MID	QPSK	11.36	11.67	11.39	12.30
		HIGH	QPSK	11.15	11.42	11.19	12.30
	8	LOW	QPSK	11.43	11.42	11.37	12.30
		MID	QPSK	11.60	11.38	11.42	12.30
		HIGH	QPSK	11.49	11.43	11.42	12.30
	15	LOW	QPSK	11.58	11.55	11.37	12.30
3	1	LOW	Q16	11.45	11.41	11.54	12.30
		MID	Q16	11.50	11.37	11.25	12.30
		HIGH	Q16	11.19	11.49	11.41	12.30
	8	LOW	Q16	11.48	11.33	11.50	12.30
		MID	Q16	11.55	11.56	11.41	12.30
		HIGH	Q16	11.46	11.49	11.31	12.30
	15	LOW	Q16	11.36	11.40	11.34	12.30
3	1	LOW	64QAM	11.07	11.46	11.26	12.30
		MID	64QAM	11.73	11.62	11.35	12.30
		HIGH	64QAM	11.33	11.36	11.22	12.30
	8	LOW	64QAM	11.32	11.46	11.70	12.30
		MID	64QAM	11.57	11.58	11.40	12.30
		HIGH	64QAM	11.48	11.50	11.25	12.30
	15	LOW	64QAM	11.55	11.43	11.22	12.30

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	11.35	11.47	11.40	12.30
		MID	QPSK	11.59	11.47	11.49	12.30
		HIGH	QPSK	11.42	11.49	11.32	12.30
	12	LOW	QPSK	11.48	11.60	11.55	12.30
		MID	QPSK	11.56	11.49	11.38	12.30
		HIGH	QPSK	11.58	11.50	11.35	12.30
25	LOW	QPSK	11.44	11.36	11.42	12.30	
5	1	LOW	Q16	11.38	11.53	11.43	12.30
		MID	Q16	11.50	11.47	11.22	12.30
		HIGH	Q16	11.28	11.32	11.25	12.30
	12	LOW	Q16	11.50	11.26	11.35	12.30
		MID	Q16	11.59	11.55	11.51	12.30
		HIGH	Q16	11.59	11.58	11.25	12.30
25	LOW	Q16	11.57	11.48	11.37	12.30	
5	1	LOW	64QAM	11.18	11.51	11.45	12.30
		MID	64QAM	11.52	11.53	11.58	12.30
		HIGH	64QAM	11.31	11.23	11.23	12.30
	12	LOW	64QAM	11.48	11.49	11.45	12.30
		MID	64QAM	11.47	11.44	11.46	12.30
		HIGH	64QAM	11.72	11.58	11.28	12.30
25	LOW	64QAM	11.54	11.30	11.41	12.30	
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	11.28	11.42	11.31	12.30
		MID	QPSK	11.46	11.59	11.41	12.30
		HIGH	QPSK	11.15	11.44	11.30	12.30
	25	LOW	QPSK	11.38	11.52	11.51	12.30
		MID	QPSK	11.70	11.53	11.59	12.30
		HIGH	QPSK	11.71	11.62	11.31	12.30
50	LOW	QPSK	11.53	11.47	11.27	12.30	
10	1	LOW	Q16	11.39	11.32	11.50	12.30
		MID	Q16	11.23	11.45	11.45	12.30
		HIGH	Q16	11.30	11.53	11.49	12.30
	25	LOW	Q16	11.49	11.24	11.38	12.30
		MID	Q16	11.48	11.68	11.33	12.30
		HIGH	Q16	11.63	11.71	11.30	12.30
50	LOW	Q16	11.39	11.40	11.35	12.30	
10	1	LOW	64QAM	11.26	11.38	11.22	12.30
		MID	64QAM	11.57	11.56	11.51	12.30
		HIGH	64QAM	11.46	11.29	11.21	12.30
	25	LOW	64QAM	11.44	11.43	11.46	12.30
		MID	64QAM	11.50	11.41	11.47	12.30
		HIGH	64QAM	11.64	11.56	11.30	12.30
50	LOW	64QAM	11.46	11.23	11.21	12.30	

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	11.42	11.60	11.37	12.30
		MID	QPSK	11.45	11.43	11.49	12.30
		HIGH	QPSK	11.41	11.34	11.20	12.30
	36	LOW	QPSK	11.28	11.35	11.51	12.30
		MID	QPSK	11.48	11.40	11.44	12.30
		HIGH	QPSK	11.56	11.42	11.39	12.30
	75	LOW	QPSK	11.54	11.40	11.27	12.30
15	1	LOW	Q16	11.23	11.56	11.35	12.30
		MID	Q16	11.45	11.38	11.26	12.30
		HIGH	Q16	11.18	11.34	11.36	12.30
	36	LOW	Q16	11.38	11.29	11.55	12.30
		MID	Q16	11.60	11.55	11.38	12.30
		HIGH	Q16	11.67	11.71	11.51	12.30
	75	LOW	Q16	11.56	11.47	11.41	12.30
15	1	LOW	64QAM	11.06	11.49	11.42	12.30
		MID	64QAM	11.72	11.60	11.35	12.30
		HIGH	64QAM	11.29	11.42	11.36	12.30
	36	LOW	64QAM	11.47	11.64	11.55	12.30
		MID	64QAM	11.51	11.42	11.43	12.30
		HIGH	64QAM	11.69	11.66	11.40	12.30
	75	LOW	64QAM	11.49	11.36	11.17	12.30
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	11.32	11.47	11.40	12.30
		MID	QPSK	11.51	11.56	11.44	12.30
		HIGH	QPSK	11.28	11.35	11.25	12.30
	50	LOW	QPSK	11.39	11.46	11.46	12.30
		MID	QPSK	11.57	11.52	11.52	12.30
		HIGH	QPSK	11.56	11.56	11.43	12.30
	100	LOW	QPSK	11.45	11.51	11.42	12.30
20	1	LOW	Q16	11.33	11.42	11.49	12.30
		MID	Q16	11.38	11.47	11.33	12.30
		HIGH	Q16	11.30	11.46	11.40	12.30
	50	LOW	Q16	11.51	11.36	11.50	12.30
		MID	Q16	11.56	11.58	11.39	12.30
		HIGH	Q16	11.52	11.61	11.39	12.30
	100	LOW	Q16	11.51	11.53	11.39	12.30
20	1	LOW	64QAM	11.17	11.53	11.37	12.30
		MID	64QAM	11.65	11.52	11.48	12.30
		HIGH	64QAM	11.32	11.29	11.32	12.30
	50	LOW	64QAM	11.41	11.49	11.59	12.30
		MID	64QAM	11.58	11.45	11.50	12.30
		HIGH	64QAM	11.59	11.65	11.30	12.30
	100	LOW	64QAM	11.46	11.36	11.27	12.30

LTE B4-Level2&3 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.11	23.21	23.25	23.80
		MID	QPSK	23.32	23.17	23.08	23.80
		HIGH	QPSK	23.17	23.19	22.90	23.80
	3	LOW	QPSK	23.07	23.17	23.35	23.80
		MID	QPSK	23.29	23.24	23.00	23.80
		HIGH	QPSK	23.16	23.26	22.83	23.80
	6	LOW	QPSK	22.44	22.21	21.93	22.80
1.4	1	LOW	Q16	22.52	22.76	22.73	23.30
		MID	Q16	22.77	22.73	22.34	23.30
		HIGH	Q16	22.62	22.50	22.43	23.30
	3	LOW	Q16	22.60	22.85	22.83	23.30
		MID	Q16	22.91	22.70	22.30	23.30
		HIGH	Q16	22.54	22.43	22.32	23.30
	6	LOW	Q16	21.28	21.27	21.13	22.30
1.4	1	LOW	64QAM	21.24	21.08	21.26	22.30
		MID	64QAM	21.31	21.15	21.43	22.30
		HIGH	64QAM	21.14	21.34	21.07	22.30
	3	LOW	64QAM	21.25	21.16	21.18	22.30
		MID	64QAM	21.30	21.15	21.55	22.30
		HIGH	64QAM	21.27	21.33	20.95	22.30
	6	LOW	64QAM	20.07	19.97	19.91	21.30
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	23.29	23.11	23.80
		MID	QPSK	23.19	23.41	23.17	23.80
		HIGH	QPSK	23.00	23.09	23.10	23.80
	8	LOW	QPSK	22.11	22.18	22.08	22.80
		MID	QPSK	22.43	22.22	22.22	22.80
		HIGH	QPSK	22.20	22.25	22.09	22.80
	15	LOW	QPSK	22.42	22.28	22.21	22.80
3	1	LOW	Q16	22.72	22.81	22.47	23.30
		MID	Q16	22.62	22.73	22.35	23.30
		HIGH	Q16	22.49	22.52	22.30	23.30
	8	LOW	Q16	21.06	21.11	21.30	22.30
		MID	Q16	21.13	21.16	21.32	22.30
		HIGH	Q16	21.17	21.34	20.89	22.30
	15	LOW	Q16	21.24	21.19	20.94	22.30
3	1	LOW	64QAM	21.18	21.09	21.44	22.30
		MID	64QAM	21.04	21.06	21.23	22.30
		HIGH	64QAM	20.97	21.31	21.02	22.30
	8	LOW	64QAM	20.12	20.09	20.31	21.30
		MID	64QAM	19.95	19.98	19.99	21.30
		HIGH	64QAM	19.93	20.13	19.93	21.30
	15	LOW	64QAM	19.95	20.15	19.91	21.30

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.01	23.21	23.19	23.80
		MID	QPSK	23.29	23.24	23.28	23.80
		HIGH	QPSK	22.93	23.04	22.89	23.80
	12	LOW	QPSK	22.34	22.11	22.11	22.80
		MID	QPSK	22.30	22.35	22.00	22.80
		HIGH	QPSK	22.38	22.13	22.13	22.80
	25	LOW	QPSK	22.20	22.24	22.03	22.80
	5	LOW	Q16	22.50	22.90	22.71	23.30
		MID	Q16	22.83	22.72	22.45	23.30
		HIGH	Q16	22.37	22.62	22.39	23.30
	12	LOW	Q16	21.00	21.13	21.06	22.30
		MID	Q16	21.16	21.17	21.27	22.30
		HIGH	Q16	21.21	21.21	21.16	22.30
	25	LOW	Q16	21.15	21.30	21.13	22.30
	5	LOW	64QAM	21.37	21.32	21.45	22.30
		MID	64QAM	21.22	21.09	21.29	22.30
		HIGH	64QAM	21.21	21.16	21.08	22.30
	12	LOW	64QAM	20.20	20.17	20.39	21.30
		MID	64QAM	19.90	20.13	20.12	21.30
		HIGH	64QAM	20.01	20.17	19.99	21.30
	25	LOW	64QAM	19.91	20.19	20.10	21.30
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.06	23.19	23.28	23.80
		MID	QPSK	23.20	23.19	23.11	23.80
		HIGH	QPSK	23.09	22.89	22.87	23.80
	25	LOW	QPSK	22.07	22.11	22.14	22.80
		MID	QPSK	22.42	22.15	22.17	22.80
		HIGH	QPSK	22.26	22.38	22.01	22.80
	50	LOW	QPSK	22.23	22.16	22.11	22.80
	10	LOW	Q16	22.49	22.77	22.74	23.30
		MID	Q16	22.70	22.67	22.48	23.30
		HIGH	Q16	22.53	22.53	22.20	23.30
	25	LOW	Q16	21.04	21.07	21.15	22.30
		MID	Q16	21.18	21.16	21.16	22.30
		HIGH	Q16	21.09	21.19	20.93	22.30
	50	LOW	Q16	21.15	21.19	21.01	22.30
	10	LOW	64QAM	21.34	21.34	21.22	22.30
		MID	64QAM	21.18	21.09	21.16	22.30
		HIGH	64QAM	20.97	21.26	21.12	22.30
	25	LOW	64QAM	20.20	20.06	20.33	21.30
		MID	64QAM	20.01	20.11	20.20	21.30
		HIGH	64QAM	19.91	20.19	20.06	21.30
	50	LOW	64QAM	19.80	19.90	20.09	21.30

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.24	23.32	23.16	23.80
		MID	QPSK	23.20	23.22	23.27	23.80
		HIGH	QPSK	23.19	23.00	23.07	23.80
	36	LOW	QPSK	22.09	22.28	22.29	22.80
		MID	QPSK	22.35	22.09	22.06	22.80
		HIGH	QPSK	22.26	22.40	22.12	22.80
	75	LOW	QPSK	22.32	22.21	22.10	22.80
15	1	LOW	Q16	22.72	22.68	22.59	23.30
		MID	Q16	22.66	22.67	22.44	23.30
		HIGH	Q16	22.32	22.49	22.37	23.30
	36	LOW	Q16	21.28	21.17	21.12	22.30
		MID	Q16	21.17	21.13	21.31	22.30
		HIGH	Q16	21.09	21.31	21.10	22.30
	75	LOW	Q16	21.23	21.22	21.13	22.30
15	1	LOW	64QAM	21.32	21.14	21.44	22.30
		MID	64QAM	21.06	20.99	21.40	22.30
		HIGH	64QAM	21.16	21.31	21.14	22.30
	36	LOW	64QAM	20.25	19.99	20.38	21.30
		MID	64QAM	20.07	19.97	19.91	21.30
		HIGH	64QAM	20.05	20.08	20.05	21.30
	75	LOW	64QAM	20.04	20.07	20.00	21.30
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.13	23.25	23.21	23.80
		MID	QPSK	23.27	23.32	23.15	23.80
		HIGH	QPSK	23.07	23.04	22.97	23.80
	50	LOW	QPSK	22.20	22.21	22.14	22.80
		MID	QPSK	22.31	22.24	22.15	22.80
		HIGH	QPSK	22.29	22.28	22.02	22.80
	100	LOW	QPSK	22.29	22.26	22.08	22.80
20	1	LOW	Q16	22.57	22.77	22.60	23.30
		MID	Q16	22.71	22.81	22.49	23.30
		HIGH	Q16	22.47	22.61	22.30	23.30
	50	LOW	Q16	21.15	21.17	21.16	22.30
		MID	Q16	21.23	21.25	21.17	22.30
		HIGH	Q16	21.21	21.27	21.01	22.30
	100	LOW	Q16	21.14	21.23	21.06	22.30
20	1	LOW	64QAM	21.32	21.21	21.34	22.30
		MID	64QAM	21.19	21.13	21.28	22.30
		HIGH	64QAM	21.08	21.19	21.17	22.30
	50	LOW	64QAM	20.11	20.14	20.29	21.30
		MID	64QAM	19.98	20.00	20.06	21.30
		HIGH	64QAM	19.93	20.08	19.96	21.30
	100	LOW	64QAM	19.94	20.04	20.05	21.30

LTE B4-Level4 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.07	19.18	19.14	19.80
		MID	QPSK	19.21	19.34	19.03	19.80
		HIGH	QPSK	19.16	19.25	19.21	19.80
	3	LOW	QPSK	19.24	19.24	19.18	19.80
		MID	QPSK	19.25	19.17	19.27	19.80
		HIGH	QPSK	19.52	19.33	19.17	19.80
	6	LOW	QPSK	19.22	19.11	19.28	19.80
1.4	1	LOW	Q16	15.22	15.17	14.26	19.80
		MID	Q16	15.29	14.47	14.05	19.80
		HIGH	Q16	14.74	14.12	13.69	19.80
	3	LOW	Q16	14.43	14.04	13.90	19.80
		MID	Q16	14.65	14.07	13.81	19.80
		HIGH	Q16	14.39	14.05	13.31	19.80
	6	LOW	Q16	14.66	13.98	13.58	19.80
1.4	1	LOW	64QAM	18.88	19.00	19.17	19.80
		MID	64QAM	19.20	19.34	19.01	19.80
		HIGH	64QAM	18.96	19.25	19.07	19.80
	3	LOW	64QAM	19.15	18.99	19.28	19.80
		MID	64QAM	19.42	19.24	19.31	19.80
		HIGH	64QAM	19.34	19.30	19.42	19.80
	6	LOW	64QAM	19.19	19.23	19.26	19.80
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.12	19.13	19.17	19.80
		MID	QPSK	19.29	19.34	19.12	19.80
		HIGH	QPSK	19.07	19.12	19.22	19.80
	8	LOW	QPSK	19.38	19.23	19.32	19.80
		MID	QPSK	19.24	19.27	19.05	19.80
		HIGH	QPSK	19.35	19.36	19.26	19.80
	15	LOW	QPSK	19.35	19.10	19.13	19.80
3	1	LOW	Q16	15.21	14.94	14.19	19.80
		MID	Q16	15.39	14.42	14.06	19.80
		HIGH	Q16	14.52	13.83	13.57	19.80
	8	LOW	Q16	14.53	14.17	13.83	19.80
		MID	Q16	14.72	13.92	13.68	19.80
		HIGH	Q16	14.50	13.98	13.41	19.80
	15	LOW	Q16	14.55	14.10	13.67	19.80
3	1	LOW	64QAM	18.93	18.94	19.19	19.80
		MID	64QAM	19.29	19.40	19.07	19.80
		HIGH	64QAM	18.86	19.36	18.90	19.80
	8	LOW	64QAM	19.25	19.00	19.49	19.80
		MID	64QAM	19.42	19.42	19.20	19.80
		HIGH	64QAM	19.40	19.13	19.33	19.80
	15	LOW	64QAM	19.34	19.07	19.33	19.80

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.23	19.06	19.05	19.80
		MID	QPSK	19.34	19.43	19.25	19.80
		HIGH	QPSK	19.11	19.10	19.02	19.80
	12	LOW	QPSK	19.34	19.16	19.24	19.80
		MID	QPSK	19.22	19.20	19.32	19.80
		HIGH	QPSK	19.27	19.38	19.16	19.80
	25	LOW	QPSK	19.34	19.19	19.26	19.80
5	1	LOW	Q16	15.03	15.16	14.06	19.80
		MID	Q16	15.39	14.59	13.94	19.80
		HIGH	Q16	14.67	14.04	13.76	19.80
	12	LOW	Q16	14.64	14.29	13.83	19.80
		MID	Q16	14.59	13.98	13.70	19.80
		HIGH	Q16	14.60	14.08	13.36	19.80
	25	LOW	Q16	14.40	14.27	13.61	19.80
5	1	LOW	64QAM	18.88	19.08	19.32	19.80
		MID	64QAM	19.31	19.30	19.10	19.80
		HIGH	64QAM	19.09	19.23	19.10	19.80
	12	LOW	64QAM	19.24	19.00	19.31	19.80
		MID	64QAM	19.33	19.36	19.31	19.80
		HIGH	64QAM	19.33	19.19	19.28	19.80
	25	LOW	64QAM	19.29	19.14	19.11	19.80
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.04	19.05	19.07	19.80
		MID	QPSK	19.24	19.30	19.16	19.80
		HIGH	QPSK	19.24	19.24	19.30	19.80
	25	LOW	QPSK	19.11	19.23	19.18	19.80
		MID	QPSK	19.35	19.30	19.23	19.80
		HIGH	QPSK	19.29	19.16	19.19	19.80
	50	LOW	QPSK	19.27	19.19	19.22	19.80
10	1	LOW	Q16	15.25	15.01	14.03	19.80
		MID	Q16	15.25	14.61	13.84	19.80
		HIGH	Q16	14.66	13.84	13.59	19.80
	25	LOW	Q16	14.52	14.07	13.65	19.80
		MID	Q16	14.51	14.13	13.73	19.80
		HIGH	Q16	14.43	14.09	13.48	19.80
	50	LOW	Q16	14.62	14.14	13.63	19.80
10	1	LOW	64QAM	19.15	18.92	19.25	19.80
		MID	64QAM	19.04	19.32	19.24	19.80
		HIGH	64QAM	19.02	19.12	19.14	19.80
	25	LOW	64QAM	19.00	19.24	19.42	19.80
		MID	64QAM	19.36	19.17	19.13	19.80
		HIGH	64QAM	19.34	19.34	19.21	19.80
	50	LOW	64QAM	19.26	19.32	19.32	19.80

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.22	19.06	19.01	19.80
		MID	QPSK	19.22	19.40	19.01	19.80
		HIGH	QPSK	19.03	19.20	19.20	19.80
	36	LOW	QPSK	19.15	19.04	19.20	19.80
		MID	QPSK	19.23	19.24	19.27	19.80
		HIGH	QPSK	19.36	19.43	19.26	19.80
	75	LOW	QPSK	19.44	19.19	19.30	19.80
15	1	LOW	Q16	14.98	14.95	14.14	19.80
		MID	Q16	15.38	14.40	14.02	19.80
		HIGH	Q16	14.75	13.98	13.73	19.80
	36	LOW	Q16	14.44	14.32	13.78	19.80
		MID	Q16	14.58	13.96	13.62	19.80
		HIGH	Q16	14.40	13.98	13.47	19.80
	75	LOW	Q16	14.69	14.03	13.51	19.80
15	1	LOW	64QAM	19.12	19.16	19.22	19.80
		MID	64QAM	19.21	19.32	19.01	19.80
		HIGH	64QAM	18.86	19.32	19.07	19.80
	36	LOW	64QAM	19.01	19.08	19.43	19.80
		MID	64QAM	19.50	19.40	19.13	19.80
		HIGH	64QAM	19.33	19.33	19.30	19.80
	75	LOW	64QAM	19.41	19.14	19.13	19.80
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.16	19.18	19.14	19.80
		MID	QPSK	19.24	19.29	19.16	19.80
		HIGH	QPSK	19.12	19.11	19.16	19.80
	50	LOW	QPSK	19.25	19.14	19.23	19.80
		MID	QPSK	19.33	19.26	19.18	19.80
		HIGH	QPSK	19.41	19.30	19.20	19.80
	100	LOW	QPSK	19.33	19.25	19.18	19.80
20	1	LOW	Q16	15.12	15.07	14.14	19.80
		MID	Q16	15.38	14.46	13.97	19.80
		HIGH	Q16	14.66	13.98	13.65	19.80
	50	LOW	Q16	14.54	14.19	13.76	19.80
		MID	Q16	14.62	13.98	13.66	19.80
		HIGH	Q16	14.46	14.12	13.38	19.80
	100	LOW	Q16	14.54	14.12	13.61	19.80
20	1	LOW	64QAM	19.01	19.07	19.29	19.80
		MID	64QAM	19.16	19.28	19.12	19.80
		HIGH	64QAM	18.98	19.22	19.05	19.80
	50	LOW	64QAM	19.13	19.10	19.36	19.80
		MID	64QAM	19.47	19.29	19.21	19.80
		HIGH	64QAM	19.36	19.22	19.33	19.80
	100	LOW	64QAM	19.33	19.19	19.23	19.80

LTE B4-Level4 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.58	19.71	19.50	20.30
		MID	QPSK	19.70	19.61	19.48	20.30
		HIGH	QPSK	19.55	19.45	19.40	20.30
	3	LOW	QPSK	19.70	19.59	19.59	20.30
		MID	QPSK	19.79	19.72	19.64	20.30
		HIGH	QPSK	19.56	19.72	19.62	20.30
6	LOW	QPSK	19.74	19.80	19.56	20.30	
1.4	1	LOW	Q16	19.89	19.64	19.57	20.30
		MID	Q16	19.70	19.46	19.66	20.30
		HIGH	Q16	19.44	19.61	19.48	20.30
	3	LOW	Q16	19.60	19.70	19.65	20.30
		MID	Q16	19.69	19.51	19.70	20.30
		HIGH	Q16	19.77	19.59	19.39	20.30
6	LOW	Q16	19.85	19.64	19.61	20.30	
1.4	1	LOW	64QAM	19.56	19.52	19.60	20.30
		MID	64QAM	19.64	19.79	19.69	20.30
		HIGH	64QAM	19.64	19.48	19.55	20.30
	3	LOW	64QAM	19.64	19.75	19.63	20.30
		MID	64QAM	19.52	19.74	19.59	20.30
		HIGH	64QAM	19.65	19.50	19.67	20.30
6	LOW	64QAM	19.58	19.55	19.70	20.30	
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.73	19.66	19.58	20.30
		MID	QPSK	19.63	19.54	19.62	20.30
		HIGH	QPSK	19.60	19.61	19.24	20.30
	8	LOW	QPSK	19.64	19.79	19.62	20.30
		MID	QPSK	19.67	19.65	19.61	20.30
		HIGH	QPSK	19.63	19.65	19.67	20.30
15	LOW	QPSK	19.47	19.61	19.59	20.30	
3	1	LOW	Q16	19.83	19.51	19.34	20.30
		MID	Q16	19.53	19.45	19.45	20.30
		HIGH	Q16	19.28	19.59	19.32	20.30
	8	LOW	Q16	19.77	19.85	19.74	20.30
		MID	Q16	19.49	19.51	19.43	20.30
		HIGH	Q16	19.73	19.62	19.51	20.30
15	LOW	Q16	19.70	19.42	19.65	20.30	
3	1	LOW	64QAM	19.57	19.46	19.74	20.30
		MID	64QAM	19.49	19.56	19.89	20.30
		HIGH	64QAM	19.49	19.57	19.32	20.30
	8	LOW	64QAM	19.75	19.84	19.66	20.30
		MID	64QAM	19.57	19.68	19.75	20.30
		HIGH	64QAM	19.42	19.64	19.75	20.30
15	LOW	64QAM	19.84	19.61	19.59	20.30	

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.46	19.58	19.73	20.30
		MID	QPSK	19.60	19.70	19.66	20.30
		HIGH	QPSK	19.63	19.33	19.50	20.30
	12	LOW	QPSK	19.51	19.74	19.53	20.30
		MID	QPSK	19.74	19.69	19.48	20.30
		HIGH	QPSK	19.80	19.73	19.60	20.30
	25	LOW	QPSK	19.71	19.74	19.52	20.30
		LOW	Q16	19.60	19.68	19.49	20.30
		MID	Q16	19.64	19.52	19.51	20.30
5	1	HIGH	Q16	19.50	19.46	19.34	20.30
		LOW	Q16	19.57	19.81	19.73	20.30
		MID	Q16	19.72	19.67	19.64	20.30
	12	HIGH	Q16	19.64	19.82	19.45	20.30
		LOW	Q16	19.79	19.63	19.49	20.30
		LOW	64QAM	19.53	19.61	19.71	20.30
	1	MID	64QAM	19.59	19.75	19.62	20.30
		HIGH	64QAM	19.58	19.60	19.29	20.30
		LOW	64QAM	19.66	19.68	19.70	20.30
5	12	MID	64QAM	19.55	19.70	19.57	20.30
		HIGH	64QAM	19.56	19.63	19.78	20.30
		LOW	64QAM	19.68	19.63	19.74	20.30
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.53	19.52	19.66	20.30
		MID	QPSK	19.60	19.65	19.68	20.30
		HIGH	QPSK	19.45	19.45	19.23	20.30
	25	LOW	QPSK	19.58	19.79	19.58	20.30
		MID	QPSK	19.58	19.80	19.70	20.30
		HIGH	QPSK	19.57	19.76	19.37	20.30
	50	LOW	QPSK	19.61	19.73	19.51	20.30
		LOW	Q16	19.74	19.57	19.58	20.30
		MID	Q16	19.64	19.54	19.56	20.30
10	1	HIGH	Q16	19.30	19.52	19.43	20.30
		LOW	Q16	19.80	19.86	19.62	20.30
		MID	Q16	19.51	19.63	19.52	20.30
	25	HIGH	Q16	19.90	19.79	19.37	20.30
		LOW	Q16	19.59	19.72	19.53	20.30
		LOW	64QAM	19.63	19.61	19.61	20.30
	1	MID	64QAM	19.66	19.75	19.70	20.30
		HIGH	64QAM	19.48	19.47	19.39	20.30
		LOW	64QAM	19.69	19.79	19.56	20.30
10	25	MID	64QAM	19.55	19.83	19.63	20.30
		HIGH	64QAM	19.66	19.76	19.61	20.30
		LOW	64QAM	19.78	19.62	19.60	20.30

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.60	19.63	19.65	20.30
		MID	QPSK	19.81	19.52	19.52	20.30
		HIGH	QPSK	19.64	19.54	19.48	20.30
	36	LOW	QPSK	19.60	19.70	19.69	20.30
		MID	QPSK	19.69	19.78	19.56	20.30
		HIGH	QPSK	19.75	19.54	19.61	20.30
	75	LOW	QPSK	19.64	19.65	19.46	20.30
15	1	LOW	Q16	19.60	19.61	19.52	20.30
		MID	Q16	19.75	19.50	19.45	20.30
		HIGH	Q16	19.42	19.65	19.25	20.30
	36	LOW	Q16	19.58	19.70	19.53	20.30
		MID	Q16	19.71	19.52	19.68	20.30
		HIGH	Q16	19.86	19.56	19.41	20.30
	75	LOW	Q16	19.86	19.42	19.65	20.30
15	1	LOW	64QAM	19.64	19.36	19.63	20.30
		MID	64QAM	19.58	19.57	19.65	20.30
		HIGH	64QAM	19.46	19.52	19.36	20.30
	36	LOW	64QAM	19.73	19.68	19.82	20.30
		MID	64QAM	19.61	19.86	19.71	20.30
		HIGH	64QAM	19.46	19.51	19.59	20.30
	75	LOW	64QAM	19.57	19.67	19.55	20.30
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.60	19.60	19.60	20.30
		MID	QPSK	19.75	19.65	19.61	20.30
		HIGH	QPSK	19.53	19.46	19.37	20.30
	50	LOW	QPSK	19.56	19.65	19.58	20.30
		MID	QPSK	19.71	19.68	19.61	20.30
		HIGH	QPSK	19.67	19.68	19.52	20.30
	100	LOW	QPSK	19.59	19.68	19.51	20.30
20	1	LOW	Q16	19.75	19.62	19.49	20.30
		MID	Q16	19.60	19.60	19.54	20.30
		HIGH	Q16	19.40	19.60	19.38	20.30
	50	LOW	Q16	19.66	19.74	19.63	20.30
		MID	Q16	19.57	19.61	19.57	20.30
		HIGH	Q16	19.76	19.68	19.45	20.30
	100	LOW	Q16	19.71	19.57	19.62	20.30
20	1	LOW	64QAM	19.54	19.50	19.64	20.30
		MID	64QAM	19.62	19.70	19.76	20.30
		HIGH	64QAM	19.53	19.52	19.43	20.30
	50	LOW	64QAM	19.61	19.71	19.69	20.30
		MID	64QAM	19.56	19.76	19.66	20.30
		HIGH	64QAM	19.55	19.63	19.67	20.30
	100	LOW	64QAM	19.71	19.56	19.66	20.30

LTE B4-Level5&6 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.26	17.02	17.05	17.80
		MID	QPSK	17.32	17.23	17.29	17.80
		HIGH	QPSK	16.93	16.94	16.86	17.80
	3	LOW	QPSK	17.07	17.25	17.19	17.80
		MID	QPSK	17.32	17.17	17.30	17.80
		HIGH	QPSK	17.16	17.23	17.03	17.80
	6	LOW	QPSK	17.25	17.27	17.07	17.80
1.4	1	LOW	Q16	17.30	17.00	17.24	17.80
		MID	Q16	17.51	17.34	17.19	17.80
		HIGH	Q16	17.12	16.86	17.07	17.80
	3	LOW	Q16	17.03	17.17	17.00	17.80
		MID	Q16	17.47	17.41	17.12	17.80
		HIGH	Q16	17.18	17.39	16.94	17.80
	6	LOW	Q16	17.02	17.47	17.02	17.80
1.4	1	LOW	64QAM	17.17	17.25	17.03	17.80
		MID	64QAM	17.17	17.29	17.23	17.80
		HIGH	64QAM	16.84	17.02	16.78	17.80
	3	LOW	64QAM	17.28	17.31	17.37	17.80
		MID	64QAM	17.54	17.52	17.19	17.80
		HIGH	64QAM	17.32	17.25	17.17	17.80
	6	LOW	64QAM	17.10	17.07	17.22	17.80
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	17.15	17.05	17.08	17.80
		MID	QPSK	17.24	17.35	17.23	17.80
		HIGH	QPSK	17.08	16.93	16.89	17.80
	8	LOW	QPSK	17.19	17.31	17.11	17.80
		MID	QPSK	17.25	17.30	17.16	17.80
		HIGH	QPSK	17.15	17.18	17.17	17.80
	15	LOW	QPSK	17.15	17.28	17.19	17.80
3	1	LOW	Q16	17.10	17.07	17.45	17.80
		MID	Q16	17.23	17.29	17.24	17.80
		HIGH	Q16	17.12	16.83	17.03	17.80
	8	LOW	Q16	17.04	17.21	17.25	17.80
		MID	Q16	17.38	17.27	17.27	17.80
		HIGH	Q16	17.20	17.33	17.07	17.80
	15	LOW	Q16	17.04	17.30	17.08	17.80
3	1	LOW	64QAM	17.07	17.03	17.12	17.80
		MID	64QAM	17.22	17.19	16.99	17.80
		HIGH	64QAM	16.88	16.80	16.77	17.80
	8	LOW	64QAM	17.34	17.19	17.26	17.80
		MID	64QAM	17.35	17.50	17.11	17.80
		HIGH	64QAM	17.40	17.01	17.24	17.80
	15	LOW	64QAM	17.29	17.28	17.16	17.80

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	17.02	17.13	17.02	17.80
		MID	QPSK	17.25	17.10	17.14	17.80
		HIGH	QPSK	17.16	17.16	17.04	17.80
	12	LOW	QPSK	17.16	17.29	17.22	17.80
		MID	QPSK	17.32	17.23	17.14	17.80
		HIGH	QPSK	17.24	17.29	17.16	17.80
	25	LOW	QPSK	17.11	17.20	17.10	17.80
5	1	LOW	Q16	17.36	16.96	17.31	17.80
		MID	Q16	17.52	17.30	17.15	17.80
		HIGH	Q16	17.10	16.78	16.92	17.80
	12	LOW	Q16	17.05	17.00	17.11	17.80
		MID	Q16	17.42	17.29	17.16	17.80
		HIGH	Q16	17.35	17.26	16.99	17.80
	25	LOW	Q16	16.97	17.20	17.09	17.80
5	1	LOW	64QAM	17.12	17.01	17.05	17.80
		MID	64QAM	17.22	17.33	17.15	17.80
		HIGH	64QAM	16.99	17.02	16.92	17.80
	12	LOW	64QAM	17.36	17.22	17.42	17.80
		MID	64QAM	17.53	17.28	17.26	17.80
		HIGH	64QAM	17.43	17.11	17.15	17.80
	25	LOW	64QAM	17.22	17.02	17.05	17.80
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.25	17.21	17.15	17.80
		MID	QPSK	17.28	17.35	17.25	17.80
		HIGH	QPSK	17.10	17.14	16.88	17.80
	25	LOW	QPSK	17.05	17.31	17.21	17.80
		MID	QPSK	17.31	17.15	17.32	17.80
		HIGH	QPSK	17.29	17.28	17.05	17.80
	50	LOW	QPSK	17.20	17.29	17.05	17.80
10	1	LOW	Q16	17.27	17.06	17.21	17.80
		MID	Q16	17.40	17.31	17.10	17.80
		HIGH	Q16	17.07	16.83	17.15	17.80
	25	LOW	Q16	17.26	17.18	17.19	17.80
		MID	Q16	17.55	17.43	17.16	17.80
		HIGH	Q16	17.34	17.20	17.08	17.80
	50	LOW	Q16	16.98	17.36	17.17	17.80
10	1	LOW	64QAM	17.11	17.18	17.25	17.80
		MID	64QAM	17.28	17.31	17.29	17.80
		HIGH	64QAM	16.94	17.07	16.87	17.80
	25	LOW	64QAM	17.12	17.29	17.15	17.80
		MID	64QAM	17.39	17.41	17.01	17.80
		HIGH	64QAM	17.26	16.98	17.08	17.80
	50	LOW	64QAM	17.11	17.02	17.16	17.80

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	17.18	17.13	17.10	17.80
		MID	QPSK	17.28	17.11	17.15	17.80
		HIGH	QPSK	16.98	17.09	16.81	17.80
	36	LOW	QPSK	17.17	17.27	17.24	17.80
		MID	QPSK	17.39	17.11	17.25	17.80
		HIGH	QPSK	17.31	17.35	16.95	17.80
	75	LOW	QPSK	17.07	17.32	17.13	17.80
15	1	LOW	Q16	17.22	17.12	17.25	17.80
		MID	Q16	17.37	17.20	17.21	17.80
		HIGH	Q16	17.30	17.02	16.93	17.80
	36	LOW	Q16	17.26	17.14	17.09	17.80
		MID	Q16	17.30	17.27	17.04	17.80
		HIGH	Q16	17.43	17.14	16.90	17.80
	75	LOW	Q16	17.08	17.31	17.03	17.80
15	1	LOW	64QAM	17.16	17.08	17.23	17.80
		MID	64QAM	17.37	17.28	17.26	17.80
		HIGH	64QAM	16.97	17.10	17.02	17.80
	36	LOW	64QAM	17.17	17.27	17.19	17.80
		MID	64QAM	17.34	17.24	17.03	17.80
		HIGH	64QAM	17.48	17.27	17.23	17.80
	75	LOW	64QAM	17.26	17.02	17.24	17.80
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.11	17.17	17.17	17.80
		MID	QPSK	17.23	17.24	17.17	17.80
		HIGH	QPSK	17.02	17.01	16.96	17.80
	50	LOW	QPSK	17.17	17.17	17.17	17.80
		MID	QPSK	17.28	17.25	17.20	17.80
		HIGH	QPSK	17.27	17.27	17.07	17.80
	100	LOW	QPSK	17.20	17.22	17.10	17.80
20	1	LOW	Q16	17.21	17.08	17.30	17.80
		MID	Q16	17.38	17.31	17.12	17.80
		HIGH	Q16	17.17	16.91	17.05	17.80
	50	LOW	Q16	17.18	17.07	17.14	17.80
		MID	Q16	17.40	17.33	17.13	17.80
		HIGH	Q16	17.30	17.25	17.02	17.80
	100	LOW	Q16	17.05	17.33	17.06	17.80
20	1	LOW	64QAM	17.06	17.13	17.13	17.80
		MID	64QAM	17.23	17.19	17.14	17.80
		HIGH	64QAM	16.87	16.95	16.89	17.80
	50	LOW	64QAM	17.27	17.22	17.29	17.80
		MID	64QAM	17.41	17.38	17.14	17.80
		HIGH	64QAM	17.34	17.12	17.15	17.80
	100	LOW	64QAM	17.25	17.17	17.09	17.80

LTE B4-Level5&6 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.27	17.34	17.49	18.30
		MID	QPSK	17.57	17.60	17.28	18.30
		HIGH	QPSK	17.22	17.29	17.08	18.30
	3	LOW	QPSK	17.32	17.51	17.29	18.30
		MID	QPSK	17.49	17.47	17.48	18.30
		HIGH	QPSK	17.56	17.55	17.43	18.30
	6	LOW	QPSK	17.43	17.57	17.33	18.30
1.4	1	LOW	Q16	17.40	17.41	17.27	18.30
		MID	Q16	17.53	17.63	17.23	18.30
		HIGH	Q16	17.29	17.37	17.14	18.30
	3	LOW	Q16	17.39	17.55	17.38	18.30
		MID	Q16	17.70	17.44	17.47	18.30
		HIGH	Q16	17.47	17.52	17.34	18.30
	6	LOW	Q16	17.71	17.63	17.22	18.30
1.4	1	LOW	64QAM	17.24	17.51	17.22	18.30
		MID	64QAM	17.43	17.71	17.63	18.30
		HIGH	64QAM	17.46	17.34	17.38	18.30
	3	LOW	64QAM	17.18	17.52	17.12	18.30
		MID	64QAM	17.73	17.50	17.34	18.30
		HIGH	64QAM	17.57	17.64	17.24	18.30
	6	LOW	64QAM	17.54	17.67	17.57	18.30
Bandwidth	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	17.27	17.56	17.34	18.30
		MID	QPSK	17.38	17.62	17.47	18.30
		HIGH	QPSK	17.37	17.34	17.12	18.30
	8	LOW	QPSK	17.23	17.57	17.35	18.30
		MID	QPSK	17.39	17.44	17.57	18.30
		HIGH	QPSK	17.53	17.47	17.36	18.30
	15	LOW	QPSK	17.41	17.59	17.38	18.30
3	1	LOW	Q16	17.30	17.56	17.56	18.30
		MID	Q16	17.26	17.55	17.22	18.30
		HIGH	Q16	17.31	17.49	17.13	18.30
	8	LOW	Q16	17.53	17.63	17.39	18.30
		MID	Q16	17.63	17.39	17.45	18.30
		HIGH	Q16	17.55	17.58	17.29	18.30
	15	LOW	Q16	17.63	17.64	17.25	18.30
3	1	LOW	64QAM	17.30	17.61	17.48	18.30
		MID	64QAM	17.47	17.84	17.59	18.30
		HIGH	64QAM	17.49	17.41	17.28	18.30
	8	LOW	64QAM	17.15	17.51	17.35	18.30
		MID	64QAM	17.76	17.47	17.24	18.30
		HIGH	64QAM	17.70	17.49	17.39	18.30
	15	LOW	64QAM	17.50	17.46	17.43	18.30

Bandwidth	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	17.28	17.54	17.36	18.30
		MID	QPSK	17.38	17.69	17.45	18.30
		HIGH	QPSK	17.40	17.34	17.26	18.30
	12	LOW	QPSK	17.32	17.59	17.30	18.30
		MID	QPSK	17.47	17.46	17.34	18.30
		HIGH	QPSK	17.49	17.66	17.35	18.30
	25	LOW	QPSK	17.27	17.51	17.21	18.30
5	1	LOW	Q16	17.49	17.39	17.57	18.30
		MID	Q16	17.32	17.54	17.27	18.30
		HIGH	Q16	17.25	17.28	17.21	18.30
	12	LOW	Q16	17.39	17.54	17.48	18.30
		MID	Q16	17.50	17.48	17.43	18.30
		HIGH	Q16	17.76	17.57	17.31	18.30
	25	LOW	Q16	17.59	17.65	17.49	18.30
5	1	LOW	64QAM	17.22	17.46	17.42	18.30
		MID	64QAM	17.55	17.69	17.40	18.30
		HIGH	64QAM	17.46	17.40	17.31	18.30
	12	LOW	64QAM	17.39	17.36	17.35	18.30
		MID	64QAM	17.71	17.53	17.39	18.30
		HIGH	64QAM	17.61	17.70	17.37	18.30
	25	LOW	64QAM	17.60	17.61	17.49	18.30
Bandwidth	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.23	17.36	17.26	18.30
		MID	QPSK	17.53	17.53	17.49	18.30
		HIGH	QPSK	17.40	17.18	17.13	18.30
	25	LOW	QPSK	17.42	17.54	17.54	18.30
		MID	QPSK	17.55	17.54	17.63	18.30
		HIGH	QPSK	17.49	17.50	17.41	18.30
	50	LOW	QPSK	17.33	17.45	17.42	18.30
10	1	LOW	Q16	17.55	17.40	17.36	18.30
		MID	Q16	17.41	17.55	17.16	18.30
		HIGH	Q16	17.51	17.37	17.21	18.30
	25	LOW	Q16	17.35	17.49	17.25	18.30
		MID	Q16	17.46	17.58	17.51	18.30
		HIGH	Q16	17.65	17.59	17.29	18.30
	50	LOW	Q16	17.68	17.63	17.49	18.30
10	1	LOW	64QAM	17.17	17.48	17.38	18.30
		MID	64QAM	17.36	17.73	17.52	18.30
		HIGH	64QAM	17.28	17.38	17.29	18.30
	25	LOW	64QAM	17.18	17.47	17.37	18.30
		MID	64QAM	17.61	17.26	17.37	18.30
		HIGH	64QAM	17.60	17.49	17.41	18.30
	50	LOW	64QAM	17.33	17.51	17.38	18.30

Bandwidth	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	17.23	17.43	17.28	18.30
		MID	QPSK	17.55	17.51	17.34	18.30
		HIGH	QPSK	17.32	17.42	17.23	18.30
	36	LOW	QPSK	17.30	17.49	17.43	18.30
		MID	QPSK	17.60	17.40	17.52	18.30
		HIGH	QPSK	17.51	17.66	17.48	18.30
	75	LOW	QPSK	17.33	17.61	17.36	18.30
15	1	LOW	Q16	17.52	17.57	17.28	18.30
		MID	Q16	17.28	17.46	17.22	18.30
		HIGH	Q16	17.32	17.45	17.02	18.30
	36	LOW	Q16	17.51	17.45	17.25	18.30
		MID	Q16	17.71	17.33	17.65	18.30
		HIGH	Q16	17.48	17.51	17.41	18.30
	75	LOW	Q16	17.68	17.57	17.45	18.30
15	1	LOW	64QAM	17.23	17.46	17.26	18.30
		MID	64QAM	17.36	17.81	17.52	18.30
		HIGH	64QAM	17.37	17.48	17.33	18.30
	36	LOW	64QAM	17.12	17.57	17.26	18.30
		MID	64QAM	17.81	17.37	17.45	18.30
		HIGH	64QAM	17.60	17.56	17.31	18.30
	75	LOW	64QAM	17.43	17.48	17.38	18.30
Bandwidth	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.35	17.48	17.39	18.30
		MID	QPSK	17.50	17.57	17.41	18.30
		HIGH	QPSK	17.33	17.32	17.19	18.30
	50	LOW	QPSK	17.34	17.49	17.40	18.30
		MID	QPSK	17.54	17.51	17.48	18.30
		HIGH	QPSK	17.51	17.55	17.34	18.30
	100	LOW	QPSK	17.42	17.50	17.34	18.30
20	1	LOW	Q16	17.44	17.46	17.42	18.30
		MID	Q16	17.38	17.58	17.31	18.30
		HIGH	Q16	17.39	17.38	17.16	18.30
	50	LOW	Q16	17.39	17.60	17.34	18.30
		MID	Q16	17.61	17.44	17.51	18.30
		HIGH	Q16	17.61	17.56	17.33	18.30
	100	LOW	Q16	17.56	17.50	17.35	18.30
20	1	LOW	64QAM	17.31	17.58	17.36	18.30
		MID	64QAM	17.45	17.70	17.55	18.30
		HIGH	64QAM	17.35	17.37	17.33	18.30
	50	LOW	64QAM	17.24	17.43	17.25	18.30
		MID	64QAM	17.69	17.41	17.35	18.30
		HIGH	64QAM	17.56	17.62	17.33	18.30
	100	LOW	64QAM	17.45	17.59	17.46	18.30

8.3.3 LTE Band5 Output Power

LTE B5-Level1-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.14	22.13	22.19	23.30
		MID	QPSK	22.11	22.08	21.96	23.30
		HIGH	QPSK	22.18	22.07	22.11	23.30
	3	LOW	QPSK	21.99	21.98	22.05	23.30
		MID	QPSK	21.96	22.19	22.12	23.30
		HIGH	QPSK	21.92	21.99	22.07	23.30
6	LOW	QPSK	22.03	22.14	22.01	23.30	
1.4	1	LOW	Q16	22.13	22.31	22.02	23.30
		MID	Q16	22.11	22.57	22.28	23.30
		HIGH	Q16	22.01	22.60	21.99	23.30
	3	LOW	Q16	21.86	22.33	22.05	23.30
		MID	Q16	21.09	21.25	21.40	23.30
		HIGH	Q16	20.95	21.31	21.15	23.30
6	LOW	Q16	20.92	21.19	21.07	22.30	
1.4	1	LOW	64QAM	21.11	21.17	21.01	22.30
		MID	64QAM	21.21	21.01	21.06	22.30
		HIGH	64QAM	21.01	21.14	21.23	22.30
	3	LOW	64QAM	21.09	20.94	21.05	22.30
		MID	64QAM	21.11	21.07	20.98	22.30
		HIGH	64QAM	21.10	21.08	21.07	22.30
6	LOW	64QAM	20.18	20.00	20.23	21.30	
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.08	22.06	22.02	23.30
		MID	QPSK	22.15	21.98	22.21	23.30
		HIGH	QPSK	22.24	22.25	22.18	23.30
	8	LOW	QPSK	21.22	20.97	21.18	22.30
		MID	QPSK	21.19	21.01	21.24	22.30
		HIGH	QPSK	21.12	21.07	21.00	22.30
15	LOW	QPSK	22.24	22.19	22.14	23.30	
3	1	LOW	Q16	21.96	22.41	21.98	23.30
		MID	Q16	21.99	22.48	22.11	23.30
		HIGH	Q16	21.84	22.41	22.28	23.30
	8	LOW	Q16	21.01	21.22	21.16	22.30
		MID	Q16	21.06	21.07	21.23	22.30
		HIGH	Q16	20.98	21.07	21.14	22.30
15	LOW	Q16	20.89	21.08	21.02	22.30	
3	1	LOW	64QAM	21.00	21.08	21.16	22.30
		MID	64QAM	21.06	21.16	20.96	22.30
		HIGH	64QAM	21.03	21.10	20.99	22.30
	8	LOW	64QAM	20.10	20.06	19.95	21.30
		MID	64QAM	20.02	20.21	20.10	21.30
		HIGH	64QAM	20.04	20.20	20.08	21.30
15	LOW	64QAM	20.20	19.95	20.25	21.30	

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.07	22.22	22.20	23.30
		MID	QPSK	22.05	22.15	22.01	23.30
		HIGH	QPSK	22.06	22.08	22.00	23.30
	12	LOW	QPSK	21.12	21.11	21.21	22.30
		MID	QPSK	21.09	21.04	21.03	22.30
		HIGH	QPSK	21.02	21.22	20.95	22.30
	25	LOW	QPSK	21.96	21.99	22.06	23.30
5	1	LOW	Q16	21.91	22.26	21.99	23.30
		MID	Q16	22.16	22.50	22.14	23.30
		HIGH	Q16	21.96	22.51	22.13	23.30
	12	LOW	Q16	21.01	21.24	21.25	22.30
		MID	Q16	20.95	21.10	21.31	22.30
		HIGH	Q16	20.96	21.20	21.18	22.30
	25	LOW	Q16	20.99	21.04	20.95	22.30
5	1	LOW	64QAM	21.11	21.15	21.12	22.30
		MID	64QAM	21.14	21.24	21.12	22.30
		HIGH	64QAM	21.04	21.01	21.07	22.30
	12	LOW	64QAM	20.07	20.12	20.11	21.30
		MID	64QAM	20.10	20.00	20.16	21.30
		HIGH	64QAM	20.03	19.97	19.99	21.30
	25	LOW	64QAM	20.18	19.98	19.99	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.05	21.99	22.02	23.30
		MID	QPSK	22.16	22.06	22.08	23.30
		HIGH	QPSK	22.06	22.09	22.05	23.30
	25	LOW	QPSK	22.11	22.09	22.12	22.30
		MID	QPSK	22.11	22.06	22.11	22.30
		HIGH	QPSK	22.02	22.08	22.05	22.30
	50	LOW	QPSK	22.08	22.16	22.11	23.30
10	1	LOW	Q16	22.01	22.38	22.09	23.30
		MID	Q16	22.10	22.48	22.17	23.30
		HIGH	Q16	21.96	22.47	22.13	23.30
	25	LOW	Q16	21.13	21.19	21.17	22.30
		MID	Q16	21.10	21.13	21.19	22.30
		HIGH	Q16	21.03	21.18	21.16	22.30
	50	LOW	Q16	21.03	21.16	21.10	22.30
10	1	LOW	64QAM	21.21	21.01	21.25	22.30
		MID	64QAM	21.21	21.12	21.16	22.30
		HIGH	64QAM	21.06	21.25	21.14	22.30
	25	LOW	64QAM	20.03	20.00	20.05	21.30
		MID	64QAM	20.03	20.10	20.17	21.30
		HIGH	64QAM	19.95	20.12	20.23	21.30
	50	LOW	64QAM	20.15	20.10	19.95	21.30

LTE B5-Level1-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.92	22.98	22.90	24.30
		MID	QPSK	23.23	23.00	22.98	24.30
		HIGH	QPSK	22.92	23.02	23.21	24.30
	3	LOW	QPSK	22.92	22.92	23.02	24.30
		MID	QPSK	23.12	23.10	23.14	24.30
		HIGH	QPSK	22.95	22.99	23.13	24.30
1.4	1	LOW	QPSK	21.93	22.18	22.01	23.30
	3	LOW	Q16	21.92	22.53	22.01	23.30
		MID	Q16	21.97	22.51	22.11	23.30
		HIGH	Q16	21.83	22.48	22.19	23.30
	3	LOW	Q16	22.01	22.38	22.07	23.30
		MID	Q16	22.12	22.48	22.15	23.30
1.4	1	LOW	Q16	21.70	22.49	22.04	23.30
	3	LOW	Q16	20.98	21.31	21.17	22.30
	6	LOW	Q16	20.98	21.31	21.17	22.30
	1	LOW	64QAM	21.03	20.95	21.04	22.30
		MID	64QAM	21.22	21.21	21.24	22.30
		HIGH	64QAM	21.16	21.08	21.10	22.30
1.4	1	LOW	64QAM	20.96	20.96	21.11	22.30
		MID	64QAM	21.18	21.19	21.18	22.30
		HIGH	64QAM	20.96	21.21	21.01	22.30
	3	LOW	64QAM	20.13	20.08	20.08	21.30
		MID	64QAM	20.13	20.08	20.08	21.30
		HIGH	64QAM	20.13	20.08	20.08	21.30
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.15	22.96	23.15	24.30
		MID	QPSK	22.95	23.20	23.05	24.30
		HIGH	QPSK	23.04	22.99	23.13	24.30
	8	LOW	QPSK	22.01	22.09	22.03	23.30
		MID	QPSK	21.96	22.04	22.11	23.30
		HIGH	QPSK	22.01	22.24	22.03	23.30
3	15	LOW	QPSK	22.05	22.05	22.21	23.30
	1	LOW	Q16	21.91	22.26	21.94	23.30
		MID	Q16	22.10	22.37	22.27	23.30
		HIGH	Q16	21.90	22.61	22.17	23.30
	8	LOW	Q16	21.00	21.23	21.07	22.30
		MID	Q16	21.05	21.26	21.26	22.30
3	15	LOW	Q16	21.01	21.24	21.20	22.30
	1	LOW	Q16	21.00	21.12	21.10	22.30
		MID	Q16	21.00	21.12	21.10	22.30
	8	LOW	64QAM	21.03	21.06	21.07	22.30
		MID	64QAM	21.11	21.01	20.95	22.30
		HIGH	64QAM	21.25	21.25	20.98	22.30
3	1	LOW	64QAM	20.01	20.17	20.23	21.30
		MID	64QAM	19.98	20.06	20.08	21.30
		HIGH	64QAM	20.09	20.03	20.22	21.30
	8	LOW	64QAM	20.09	20.03	20.22	21.30
		MID	64QAM	20.09	20.03	20.22	21.30
		HIGH	64QAM	20.09	20.03	20.22	21.30
3	15	LOW	64QAM	20.17	20.13	20.09	21.30
		MID	64QAM	20.17	20.13	20.09	21.30
		HIGH	64QAM	20.17	20.13	20.09	21.30
	1	LOW	64QAM	20.17	20.13	20.09	21.30
		MID	64QAM	20.17	20.13	20.09	21.30
		HIGH	64QAM	20.17	20.13	20.09	21.30

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.10	23.13	24.30
		MID	QPSK	23.25	23.01	23.11	24.30
		HIGH	QPSK	22.92	23.24	22.98	24.30
	12	LOW	QPSK	22.21	22.19	22.20	23.30
		MID	QPSK	22.04	22.10	22.10	23.30
		HIGH	QPSK	21.99	22.10	21.90	23.30
	25	LOW	QPSK	22.06	22.04	22.16	23.30
5	1	LOW	Q16	21.99	22.27	22.10	23.30
		MID	Q16	22.16	22.57	22.20	23.30
		HIGH	Q16	22.08	22.52	21.98	23.30
	12	LOW	Q16	21.21	21.02	21.08	22.30
		MID	Q16	20.93	20.98	21.11	22.30
		HIGH	Q16	20.95	21.03	21.05	22.30
	25	LOW	Q16	21.11	21.28	21.23	22.30
5	1	LOW	64QAM	21.11	21.02	20.97	22.30
		MID	64QAM	21.18	21.21	20.96	22.30
		HIGH	64QAM	21.05	21.06	21.12	22.30
	12	LOW	64QAM	19.96	20.02	20.14	21.30
		MID	64QAM	20.20	20.24	20.19	21.30
		HIGH	64QAM	19.97	20.22	20.15	21.30
	25	LOW	64QAM	20.19	19.98	20.04	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.01	23.04	23.05	24.30
		MID	QPSK	23.10	23.11	23.13	24.30
		HIGH	QPSK	23.03	23.10	23.07	24.30
	25	LOW	QPSK	22.09	22.14	22.07	23.30
		MID	QPSK	22.06	22.10	22.13	23.30
		HIGH	QPSK	21.98	22.12	22.02	23.30
50	LOW	QPSK	22.06	22.15	22.08	23.30	
10	1	LOW	Q16	21.98	22.38	22.08	23.30
		MID	Q16	22.06	22.50	22.15	23.30
		HIGH	Q16	21.93	22.46	22.08	23.30
	25	LOW	Q16	21.09	21.15	21.17	22.30
		MID	Q16	21.07	21.11	21.20	22.30
		HIGH	Q16	21.01	21.18	21.13	22.30
	50	LOW	Q16	21.02	21.16	21.10	22.30
10	1	LOW	64QAM	21.19	21.07	20.98	22.30
		MID	64QAM	21.01	21.10	21.21	22.30
		HIGH	64QAM	21.15	21.22	21.09	22.30
	25	LOW	64QAM	20.24	20.01	20.06	21.30
		MID	64QAM	20.14	19.99	20.00	21.30
		HIGH	64QAM	20.25	19.95	20.16	21.30
	50	LOW	64QAM	20.21	20.23	20.12	21.30

LTE B5-Level2&3-Ant.1

Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.24	20.23	19.98	21.30
		MID	QPSK	20.03	20.02	20.05	21.30
		HIGH	QPSK	19.96	19.95	19.95	21.30
	3	LOW	QPSK	19.95	19.97	20.25	21.30
		MID	QPSK	20.15	20.15	20.20	21.30
		HIGH	QPSK	20.08	20.21	20.03	21.30
	6	LOW	QPSK	20.13	20.20	19.97	21.30
	1.4	LOW	Q16	19.38	19.81	19.48	21.30
		MID	Q16	19.48	19.93	19.38	21.30
		HIGH	Q16	19.56	19.79	19.48	21.30
		LOW	Q16	20.03	19.92	19.96	21.30
		MID	Q16	20.03	20.06	19.98	21.30
		HIGH	Q16	19.90	19.89	20.00	21.30
1.4	6	LOW	Q16	19.94	19.93	20.01	21.30
	1	LOW	64QAM	19.70	19.79	19.74	21.30
		MID	64QAM	19.69	19.65	19.84	21.30
		HIGH	64QAM	19.65	19.85	19.70	21.30
	3	LOW	64QAM	19.79	19.75	19.76	21.30
		MID	64QAM	19.91	19.72	19.71	21.30
		HIGH	64QAM	19.91	19.69	19.81	21.30
	6	LOW	64QAM	19.71	19.85	19.76	21.30
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	20.07	20.12	20.24	21.30
		MID	QPSK	20.15	20.05	20.12	21.30
		HIGH	QPSK	20.08	20.18	20.13	21.30
	8	LOW	QPSK	19.97	20.21	20.14	21.30
		MID	QPSK	20.17	20.16	20.05	21.30
		HIGH	QPSK	19.98	20.17	20.20	21.30
	15	LOW	QPSK	20.09	20.04	20.24	21.30
	3	LOW	Q16	19.40	19.95	19.53	21.30
		MID	Q16	19.54	20.00	19.50	21.30
		HIGH	Q16	19.38	19.87	19.55	21.30
		LOW	Q16	19.98	19.86	20.15	21.30
		MID	Q16	20.08	20.03	19.94	21.30
		HIGH	Q16	19.81	20.05	20.11	21.30
3	15	LOW	Q16	20.04	19.81	19.99	21.30
	1	LOW	64QAM	19.80	19.72	19.87	21.30
		MID	64QAM	19.77	19.72	19.93	21.30
		HIGH	64QAM	19.85	19.80	19.93	21.30
	8	LOW	64QAM	19.68	19.77	19.88	21.30
		MID	64QAM	19.94	19.67	19.78	21.30
		HIGH	64QAM	19.67	19.73	19.83	21.30
	15	LOW	64QAM	19.78	19.74	19.73	21.30

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.24	20.17	21.30
		MID	QPSK	20.17	20.24	20.24	21.30
		HIGH	QPSK	20.05	19.97	20.09	21.30
	12	LOW	QPSK	19.99	20.06	20.03	21.30
		MID	QPSK	20.16	19.98	20.25	21.30
		HIGH	QPSK	20.09	20.19	20.25	21.30
	25	LOW	QPSK	20.18	20.01	20.07	21.30
5	1	LOW	Q16	19.53	19.89	19.56	21.30
		MID	Q16	19.72	19.82	19.66	21.30
		HIGH	Q16	19.41	20.00	19.57	21.30
	12	LOW	Q16	20.04	19.87	20.01	21.30
		MID	Q16	19.82	20.06	20.11	21.30
		HIGH	Q16	19.87	20.08	19.86	21.30
	25	LOW	Q16	19.85	19.92	19.86	21.30
5	1	LOW	64QAM	19.70	19.94	19.91	21.30
		MID	64QAM	19.93	19.68	19.71	21.30
		HIGH	64QAM	19.71	19.74	19.79	21.30
	12	LOW	64QAM	19.89	19.77	19.95	21.30
		MID	64QAM	19.94	19.89	19.81	21.30
		HIGH	64QAM	19.77	19.85	19.91	21.30
	25	LOW	64QAM	19.66	19.70	19.90	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	19.83	19.87	19.90	21.30
		MID	QPSK	19.97	19.93	19.94	21.30
		HIGH	QPSK	19.87	19.90	19.90	21.30
	25	LOW	QPSK	19.92	19.98	19.87	21.30
		MID	QPSK	19.96	19.93	19.93	21.30
		HIGH	QPSK	19.83	19.94	19.90	21.30
	50	LOW	QPSK	19.90	20.01	19.91	21.30
10	1	LOW	Q16	19.48	19.90	19.50	21.30
		MID	Q16	19.58	19.96	19.53	21.30
		HIGH	Q16	19.46	19.92	19.47	21.30
	25	LOW	Q16	19.96	19.85	20.01	21.30
		MID	Q16	19.96	19.98	20.00	21.30
		HIGH	Q16	19.90	19.98	20.00	21.30
	50	LOW	Q16	19.91	19.88	19.93	21.30
10	1	LOW	64QAM	19.90	19.67	19.82	21.30
		MID	64QAM	19.83	19.70	19.71	21.30
		HIGH	64QAM	19.79	19.89	19.93	21.30
	25	LOW	64QAM	19.74	19.70	19.68	21.30
		MID	64QAM	19.68	19.85	19.90	21.30
		HIGH	64QAM	19.93	19.87	19.68	21.30
	50	LOW	64QAM	19.76	19.95	19.71	21.30

LTE B5-Level2&3-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.92	22.98	22.90	24.30
		MID	QPSK	23.23	23.00	22.98	24.30
		HIGH	QPSK	22.92	23.02	23.21	24.30
	3	LOW	QPSK	22.92	22.92	23.02	24.30
		MID	QPSK	23.12	23.10	23.14	24.30
		HIGH	QPSK	22.95	22.99	23.13	24.30
1.4	1	LOW	QPSK	21.93	22.18	22.01	23.30
		LOW	Q16	21.92	22.53	22.01	23.30
		MID	Q16	21.97	22.51	22.11	23.30
	3	HIGH	Q16	21.83	22.48	22.19	23.30
		LOW	Q16	22.01	22.38	22.07	23.30
		MID	Q16	22.12	22.48	22.15	23.30
1.4	1	HIGH	Q16	21.70	22.49	22.04	23.30
		LOW	Q16	20.98	21.31	21.17	22.30
	3	LOW	64QAM	21.03	20.95	21.04	22.30
		MID	64QAM	21.22	21.21	21.24	22.30
		HIGH	64QAM	21.16	21.08	21.10	22.30
	6	LOW	64QAM	20.96	20.96	21.11	22.30
Bandwidth	3	MID	64QAM	21.18	21.19	21.18	22.30
		HIGH	64QAM	20.96	21.21	21.01	22.30
		LOW	64QAM	20.13	20.08	20.08	21.30
	1	LOW	QPSK	23.15	22.96	23.15	24.30
		MID	QPSK	22.95	23.20	23.05	24.30
		HIGH	QPSK	23.04	22.99	23.13	24.30
	8	LOW	QPSK	22.01	22.09	22.03	23.30
		MID	QPSK	21.96	22.04	22.11	23.30
		HIGH	QPSK	22.01	22.24	22.03	23.30
	15	LOW	QPSK	22.05	22.05	22.21	23.30
	1	LOW	Q16	21.91	22.26	21.94	23.30
		MID	Q16	22.10	22.37	22.27	23.30
		HIGH	Q16	21.90	22.61	22.17	23.30
	8	LOW	Q16	21.00	21.23	21.07	22.30
		MID	Q16	21.05	21.26	21.26	22.30
		HIGH	Q16	21.01	21.24	21.20	22.30
	15	LOW	Q16	21.00	21.12	21.10	22.30
	1	LOW	64QAM	21.03	21.06	21.07	22.30
		MID	64QAM	21.11	21.01	20.95	22.30
		HIGH	64QAM	21.25	21.25	20.98	22.30
	8	LOW	64QAM	20.01	20.17	20.23	21.30
		MID	64QAM	19.98	20.06	20.08	21.30
		HIGH	64QAM	20.09	20.03	20.22	21.30
	15	LOW	64QAM	20.17	20.13	20.09	21.30

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.10	23.13	24.30
		MID	QPSK	23.25	23.01	23.11	24.30
		HIGH	QPSK	22.92	23.24	22.98	24.30
	12	LOW	QPSK	22.21	22.19	22.20	23.30
		MID	QPSK	22.04	22.10	22.10	23.30
		HIGH	QPSK	21.99	22.10	21.90	23.30
	25	LOW	QPSK	22.06	22.04	22.16	23.30
	5	1	LOW	Q16	21.99	22.27	22.10
			MID	Q16	22.16	22.57	22.20
			HIGH	Q16	22.08	21.98	23.30
		12	LOW	Q16	21.21	21.02	21.08
			MID	Q16	20.93	20.98	21.11
			HIGH	Q16	20.95	21.03	21.05
	25	LOW	Q16	21.11	21.28	21.23	22.30
5	1	LOW	64QAM	21.11	21.02	20.97	22.30
		MID	64QAM	21.18	21.21	20.96	22.30
		HIGH	64QAM	21.05	21.06	21.12	22.30
	12	LOW	64QAM	19.96	20.02	20.14	21.30
		MID	64QAM	20.20	20.24	20.19	21.30
		HIGH	64QAM	19.97	20.22	20.15	21.30
	25	LOW	64QAM	20.19	19.98	20.04	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.01	23.04	23.05	24.30
		MID	QPSK	23.10	23.11	23.13	24.30
		HIGH	QPSK	23.03	23.10	23.07	24.30
	25	LOW	QPSK	22.09	22.14	22.07	23.30
		MID	QPSK	22.06	22.10	22.13	23.30
		HIGH	QPSK	21.98	22.12	22.02	23.30
10	50	LOW	QPSK	22.06	22.15	22.08	23.30
	1	LOW	Q16	21.98	22.38	22.08	23.30
		MID	Q16	22.06	22.50	22.15	23.30
		HIGH	Q16	21.93	22.46	22.08	23.30
	25	LOW	Q16	21.09	21.15	21.17	22.30
		MID	Q16	21.07	21.11	21.20	22.30
		HIGH	Q16	21.01	21.18	21.13	22.30
	50	LOW	Q16	21.02	21.16	21.10	22.30
10	1	LOW	64QAM	21.19	21.07	20.98	22.30
		MID	64QAM	21.01	21.10	21.21	22.30
		HIGH	64QAM	21.15	21.22	21.09	22.30
	25	LOW	64QAM	20.24	20.01	20.06	21.30
		MID	64QAM	20.14	19.99	20.00	21.30
		HIGH	64QAM	20.25	19.95	20.16	21.30
	50	LOW	64QAM	20.21	20.23	20.12	21.30

LTE B5-Level4-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	22.92	22.98	22.90	24.30	
		MID	QPSK	23.23	23.00	22.98	24.30	
		HIGH	QPSK	22.92	23.02	23.21	24.30	
	3	LOW	QPSK	22.92	22.92	23.02	23.00	
		MID	QPSK	23.12	23.10	23.14	23.05	
		HIGH	QPSK	22.95	22.99	23.13	23.20	
	6	LOW	QPSK	21.93	22.18	22.01	23.30	
1.4	1	LOW	Q16	21.92	22.53	22.01	23.30	
		MID	Q16	21.97	22.51	22.11	23.30	
		HIGH	Q16	21.83	22.48	22.19	23.30	
	3	LOW	Q16	22.01	22.38	22.07	23.30	
		MID	Q16	22.12	22.48	22.15	23.30	
		HIGH	Q16	21.70	22.49	22.04	23.30	
	6	LOW	Q16	20.98	21.31	21.17	22.30	
	1.4	1	LOW	64QAM	21.03	20.95	21.04	22.30
			MID	64QAM	21.22	21.21	21.24	22.30
HIGH			64QAM	21.16	21.08	21.10	22.30	
3		LOW	64QAM	20.96	20.96	21.11	22.30	
		MID	64QAM	21.18	21.19	21.18	22.30	
		HIGH	64QAM	20.96	21.21	21.01	22.30	
6		LOW	64QAM	20.13	20.08	20.08	21.30	
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)	
3	1	LOW	QPSK	23.15	22.96	23.15	24.30	
		MID	QPSK	22.95	23.20	23.05	24.30	
		HIGH	QPSK	23.04	22.99	23.13	24.30	
	8	LOW	QPSK	22.01	22.09	22.03	23.30	
		MID	QPSK	21.96	22.04	22.11	23.30	
		HIGH	QPSK	22.01	22.24	22.03	23.30	
	15	LOW	QPSK	22.05	22.05	22.21	23.30	
3	1	LOW	Q16	21.91	22.26	21.94	23.30	
		MID	Q16	22.10	22.37	22.27	23.30	
		HIGH	Q16	21.90	22.61	22.17	23.30	
	8	LOW	Q16	21.00	21.23	21.07	22.30	
		MID	Q16	21.05	21.26	21.26	22.30	
		HIGH	Q16	21.01	21.24	21.20	22.30	
	15	LOW	Q16	21.00	21.12	21.10	22.30	
3	1	LOW	64QAM	21.03	21.06	21.07	22.30	
		MID	64QAM	21.11	21.01	20.95	22.30	
		HIGH	64QAM	21.25	21.25	20.98	22.30	
	8	LOW	64QAM	20.01	20.17	20.23	21.30	
		MID	64QAM	19.98	20.06	20.08	21.30	
		HIGH	64QAM	20.09	20.03	20.22	21.30	
	15	LOW	64QAM	20.17	20.13	20.09	21.30	

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.10	23.13	24.30
		MID	QPSK	23.25	23.01	23.11	24.30
		HIGH	QPSK	22.92	23.24	22.98	24.30
	12	LOW	QPSK	22.21	22.19	22.20	23.30
		MID	QPSK	22.04	22.10	22.10	23.30
		HIGH	QPSK	21.99	22.10	21.90	23.30
	25	LOW	QPSK	22.06	22.04	22.16	23.30
5	1	LOW	Q16	21.99	22.27	22.10	23.30
		MID	Q16	22.16	22.57	22.20	23.30
		HIGH	Q16	22.08	22.52	21.98	23.30
	12	LOW	Q16	21.21	21.02	21.08	22.30
		MID	Q16	20.93	20.98	21.11	22.30
		HIGH	Q16	20.95	21.03	21.05	22.30
	25	LOW	Q16	21.11	21.28	21.23	22.30
5	1	LOW	64QAM	21.11	21.02	20.97	22.30
		MID	64QAM	21.18	21.21	20.96	22.30
		HIGH	64QAM	21.05	21.06	21.12	22.30
	12	LOW	64QAM	19.96	20.02	20.14	21.30
		MID	64QAM	20.20	20.24	20.19	21.30
		HIGH	64QAM	19.97	20.22	20.15	21.30
	25	LOW	64QAM	20.19	19.98	20.04	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.01	23.04	23.05	24.30
		MID	QPSK	23.10	23.11	23.13	24.30
		HIGH	QPSK	23.03	23.10	23.07	24.30
	25	LOW	QPSK	22.09	22.14	22.07	23.30
		MID	QPSK	22.06	22.10	22.13	23.30
		HIGH	QPSK	21.98	22.12	22.02	23.30
	50	LOW	QPSK	22.06	22.15	22.08	23.30
10	1	LOW	Q16	21.98	22.38	22.08	23.30
		MID	Q16	22.06	22.50	22.15	23.30
		HIGH	Q16	21.93	22.46	22.08	23.30
	25	LOW	Q16	21.09	21.15	21.17	22.30
		MID	Q16	21.07	21.11	21.20	22.30
		HIGH	Q16	21.01	21.18	21.13	22.30
	50	LOW	Q16	21.02	21.16	21.10	22.30
10	1	LOW	64QAM	21.19	21.07	20.98	22.30
		MID	64QAM	21.01	21.10	21.21	22.30
		HIGH	64QAM	21.15	21.22	21.09	22.30
	25	LOW	64QAM	20.24	20.01	20.06	21.30
		MID	64QAM	20.14	19.99	20.00	21.30
		HIGH	64QAM	20.25	19.95	20.16	21.30
	50	LOW	64QAM	20.21	20.23	20.12	21.30

LTE B5-Level4-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.92	22.98	22.90	24.30
		MID	QPSK	23.23	23.00	22.98	24.30
		HIGH	QPSK	22.92	23.02	23.21	24.30
	3	LOW	QPSK	22.92	22.92	23.02	24.30
		MID	QPSK	23.12	23.10	23.14	24.30
		HIGH	QPSK	22.95	22.99	23.13	24.30
1.4	1	LOW	QPSK	21.93	22.18	22.01	23.30
	3	LOW	Q16	21.92	22.53	22.01	23.30
		MID	Q16	21.97	22.51	22.11	23.30
		HIGH	Q16	21.83	22.48	22.19	23.30
	3	LOW	Q16	22.01	22.38	22.07	23.30
		MID	Q16	22.12	22.48	22.15	23.30
1.4	1	HIGH	Q16	21.70	22.49	22.04	23.30
	3	LOW	Q16	20.98	21.31	21.17	22.30
	6	LOW	Q16	20.98	21.31	21.17	22.30
	1	LOW	64QAM	21.03	20.95	21.04	22.30
		MID	64QAM	21.22	21.21	21.24	22.30
		HIGH	64QAM	21.16	21.08	21.10	22.30
1.4	1	LOW	64QAM	20.96	20.96	21.11	22.30
		MID	64QAM	21.18	21.19	21.18	22.30
		HIGH	64QAM	20.96	21.21	21.01	22.30
	3	LOW	64QAM	20.13	20.08	20.08	21.30
		MID	64QAM	20.13	20.08	20.08	21.30
		HIGH	64QAM	20.13	20.08	20.08	21.30
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.15	22.96	23.15	24.30
		MID	QPSK	22.95	23.20	23.05	24.30
		HIGH	QPSK	23.04	22.99	23.13	24.30
	8	LOW	QPSK	22.01	22.09	22.03	23.30
		MID	QPSK	21.96	22.04	22.11	23.30
		HIGH	QPSK	22.01	22.24	22.03	23.30
3	15	LOW	QPSK	22.05	22.05	22.21	23.30
	1	LOW	Q16	21.91	22.26	21.94	23.30
		MID	Q16	22.10	22.37	22.27	23.30
		HIGH	Q16	21.90	22.61	22.17	23.30
	8	LOW	Q16	21.00	21.23	21.07	22.30
		MID	Q16	21.05	21.26	21.26	22.30
3	15	HIGH	Q16	21.01	21.24	21.20	22.30
	1	LOW	Q16	21.00	21.12	21.10	22.30
		MID	Q16	21.00	21.12	21.10	22.30
	8	LOW	64QAM	21.03	21.06	21.07	22.30
		MID	64QAM	21.11	21.01	20.95	22.30
		HIGH	64QAM	21.25	21.25	20.98	22.30
3	15	LOW	64QAM	20.01	20.17	20.23	21.30
		MID	64QAM	19.98	20.06	20.08	21.30
		HIGH	64QAM	20.09	20.03	20.22	21.30
	8	LOW	64QAM	20.09	20.03	20.22	21.30
		MID	64QAM	20.09	20.03	20.22	21.30
		HIGH	64QAM	20.09	20.03	20.22	21.30

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.10	23.13	24.30
		MID	QPSK	23.25	23.01	23.11	24.30
		HIGH	QPSK	22.92	23.24	22.98	24.30
	12	LOW	QPSK	22.21	22.19	22.20	23.30
		MID	QPSK	22.04	22.10	22.10	23.30
		HIGH	QPSK	21.99	22.10	21.90	23.30
	25	LOW	QPSK	22.06	22.04	22.16	23.30
5	1	LOW	Q16	21.99	22.27	22.10	23.30
		MID	Q16	22.16	22.57	22.20	23.30
		HIGH	Q16	22.08	22.52	21.98	23.30
	12	LOW	Q16	21.21	21.02	21.08	22.30
		MID	Q16	20.93	20.98	21.11	22.30
		HIGH	Q16	20.95	21.03	21.05	22.30
	25	LOW	Q16	21.11	21.28	21.23	22.30
5	1	LOW	64QAM	21.11	21.02	20.97	22.30
		MID	64QAM	21.18	21.21	20.96	22.30
		HIGH	64QAM	21.05	21.06	21.12	22.30
	12	LOW	64QAM	19.96	20.02	20.14	21.30
		MID	64QAM	20.20	20.24	20.19	21.30
		HIGH	64QAM	19.97	20.22	20.15	21.30
	25	LOW	64QAM	20.19	19.98	20.04	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.01	23.04	23.05	24.30
		MID	QPSK	23.10	23.11	23.13	24.30
		HIGH	QPSK	23.03	23.10	23.07	24.30
	25	LOW	QPSK	22.09	22.14	22.07	23.30
		MID	QPSK	22.06	22.10	22.13	23.30
		HIGH	QPSK	21.98	22.12	22.02	23.30
10	1	LOW	QPSK	22.06	22.15	22.08	23.30
		MID	QPSK	22.06	22.15	22.08	23.30
		HIGH	QPSK	21.93	22.46	22.08	23.30
	25	LOW	Q16	21.09	21.15	21.17	22.30
		MID	Q16	21.07	21.11	21.20	22.30
		HIGH	Q16	21.01	21.18	21.13	22.30
	50	LOW	Q16	21.02	21.16	21.10	22.30
10	1	LOW	64QAM	21.19	21.07	20.98	22.30
		MID	64QAM	21.01	21.10	21.21	22.30
		HIGH	64QAM	21.15	21.22	21.09	22.30
	25	LOW	64QAM	20.24	20.01	20.06	21.30
		MID	64QAM	20.14	19.99	20.00	21.30
		HIGH	64QAM	20.25	19.95	20.16	21.30
	50	LOW	64QAM	20.21	20.23	20.12	21.30

LTE B5-Level5&6-Ant.1

Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.92	22.98	22.90	24.30
		MID	QPSK	23.23	23.00	22.98	24.30
		HIGH	QPSK	22.92	23.02	23.21	24.30
	3	LOW	QPSK	22.92	22.92	23.02	23.00
		MID	QPSK	23.12	23.10	23.14	23.05
		HIGH	QPSK	22.95	22.99	23.13	23.20
	6	LOW	QPSK	21.93	22.18	22.01	23.30
	1.4	LOW	Q16	21.92	22.53	22.01	23.30
		MID	Q16	21.97	22.51	22.11	23.30
		HIGH	Q16	21.83	22.48	22.19	23.30
	3	LOW	Q16	22.01	22.38	22.07	23.30
		MID	Q16	22.12	22.48	22.15	23.30
		HIGH	Q16	21.70	22.49	22.04	23.30
	6	LOW	Q16	20.98	21.31	21.17	22.30
	1.4	LOW	64QAM	21.03	20.95	21.04	22.30
		MID	64QAM	21.22	21.21	21.24	22.30
		HIGH	64QAM	21.16	21.08	21.10	22.30
	3	LOW	64QAM	20.96	20.96	21.11	22.30
		MID	64QAM	21.18	21.19	21.18	22.30
		HIGH	64QAM	20.96	21.21	21.01	22.30
	6	LOW	64QAM	20.13	20.08	20.08	21.30
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.15	22.96	23.15	24.30
		MID	QPSK	22.95	23.20	23.05	24.30
		HIGH	QPSK	23.04	22.99	23.13	24.30
	8	LOW	QPSK	22.01	22.09	22.03	23.30
		MID	QPSK	21.96	22.04	22.11	23.30
		HIGH	QPSK	22.01	22.24	22.03	23.30
	15	LOW	QPSK	22.05	22.05	22.21	23.30
	3	LOW	Q16	21.91	22.26	21.94	23.30
		MID	Q16	22.10	22.37	22.27	23.30
		HIGH	Q16	21.90	22.61	22.17	23.30
	8	LOW	Q16	21.00	21.23	21.07	22.30
		MID	Q16	21.05	21.26	21.26	22.30
		HIGH	Q16	21.01	21.24	21.20	22.30
	15	LOW	Q16	21.00	21.12	21.10	22.30
	3	LOW	64QAM	21.03	21.06	21.07	22.30
		MID	64QAM	21.11	21.01	20.95	22.30
		HIGH	64QAM	21.25	21.25	20.98	22.30
	8	LOW	64QAM	20.01	20.17	20.23	21.30
		MID	64QAM	19.98	20.06	20.08	21.30
		HIGH	64QAM	20.09	20.03	20.22	21.30
	15	LOW	64QAM	20.17	20.13	20.09	21.30

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.10	23.13	24.30
		MID	QPSK	23.25	23.01	23.11	24.30
		HIGH	QPSK	22.92	23.24	22.98	24.30
	12	LOW	QPSK	22.21	22.19	22.20	23.30
		MID	QPSK	22.04	22.10	22.10	23.30
		HIGH	QPSK	21.99	22.10	21.90	23.30
	25	LOW	QPSK	22.06	22.04	22.16	23.30
5	1	LOW	Q16	21.99	22.27	22.10	23.30
		MID	Q16	22.16	22.57	22.20	23.30
		HIGH	Q16	22.08	22.52	21.98	23.30
	12	LOW	Q16	21.21	21.02	21.08	22.30
		MID	Q16	20.93	20.98	21.11	22.30
		HIGH	Q16	20.95	21.03	21.05	22.30
	25	LOW	Q16	21.11	21.28	21.23	22.30
5	1	LOW	64QAM	21.11	21.02	20.97	22.30
		MID	64QAM	21.18	21.21	20.96	22.30
		HIGH	64QAM	21.05	21.06	21.12	22.30
	12	LOW	64QAM	19.96	20.02	20.14	21.30
		MID	64QAM	20.20	20.24	20.19	21.30
		HIGH	64QAM	19.97	20.22	20.15	21.30
	25	LOW	64QAM	20.19	19.98	20.04	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.01	23.04	23.05	24.30
		MID	QPSK	23.10	23.11	23.13	24.30
		HIGH	QPSK	23.03	23.10	23.07	24.30
	25	LOW	QPSK	22.09	22.14	22.07	23.30
		MID	QPSK	22.06	22.10	22.13	23.30
		HIGH	QPSK	21.98	22.12	22.02	23.30
50	LOW	QPSK	22.06	22.15	22.08	23.30	
10	1	LOW	Q16	21.98	22.38	22.08	23.30
		MID	Q16	22.06	22.50	22.15	23.30
		HIGH	Q16	21.93	22.46	22.08	23.30
	25	LOW	Q16	21.09	21.15	21.17	22.30
		MID	Q16	21.07	21.11	21.20	22.30
		HIGH	Q16	21.01	21.18	21.13	22.30
50	LOW	Q16	21.02	21.16	21.10	22.30	
10	1	LOW	64QAM	21.19	21.07	20.98	22.30
		MID	64QAM	21.01	21.10	21.21	22.30
		HIGH	64QAM	21.15	21.22	21.09	22.30
	25	LOW	64QAM	20.24	20.01	20.06	21.30
		MID	64QAM	20.14	19.99	20.00	21.30
		HIGH	64QAM	20.25	19.95	20.16	21.30
	50	LOW	64QAM	20.21	20.23	20.12	21.30

LTE B5-Level5&6-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.92	22.98	22.90	24.30
		MID	QPSK	23.23	23.00	22.98	24.30
		HIGH	QPSK	22.92	23.02	23.21	24.30
	3	LOW	QPSK	22.92	22.92	23.02	24.30
		MID	QPSK	23.12	23.10	23.14	24.30
		HIGH	QPSK	22.95	22.99	23.13	24.30
6	LOW	QPSK	21.93	22.18	22.01	23.30	
1.4	1	LOW	Q16	21.92	22.53	22.01	23.30
		MID	Q16	21.97	22.51	22.11	23.30
		HIGH	Q16	21.83	22.48	22.19	23.30
	3	LOW	Q16	22.01	22.38	22.07	23.30
		MID	Q16	22.12	22.48	22.15	23.30
		HIGH	Q16	21.70	22.49	22.04	23.30
6	LOW	Q16	20.98	21.31	21.17	22.30	
1.4	1	LOW	64QAM	21.03	20.95	21.04	22.30
		MID	64QAM	21.22	21.21	21.24	22.30
		HIGH	64QAM	21.16	21.08	21.10	22.30
	3	LOW	64QAM	20.96	20.96	21.11	22.30
		MID	64QAM	21.18	21.19	21.18	22.30
		HIGH	64QAM	20.96	21.21	21.01	22.30
6	LOW	64QAM	20.13	20.08	20.08	21.30	
Bandwidth	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.15	22.96	23.15	24.30
		MID	QPSK	22.95	23.20	23.05	24.30
		HIGH	QPSK	23.04	22.99	23.13	24.30
	8	LOW	QPSK	22.01	22.09	22.03	23.30
		MID	QPSK	21.96	22.04	22.11	23.30
		HIGH	QPSK	22.01	22.24	22.03	23.30
15	LOW	QPSK	22.05	22.05	22.21	23.30	
3	1	LOW	Q16	21.91	22.26	21.94	23.30
		MID	Q16	22.10	22.37	22.27	23.30
		HIGH	Q16	21.90	22.61	22.17	23.30
	8	LOW	Q16	21.00	21.23	21.07	22.30
		MID	Q16	21.05	21.26	21.26	22.30
		HIGH	Q16	21.01	21.24	21.20	22.30
15	LOW	Q16	21.00	21.12	21.10	22.30	
3	1	LOW	64QAM	21.03	21.06	21.07	22.30
		MID	64QAM	21.11	21.01	20.95	22.30
		HIGH	64QAM	21.25	21.25	20.98	22.30
	8	LOW	64QAM	20.01	20.17	20.23	21.30
		MID	64QAM	19.98	20.06	20.08	21.30
		HIGH	64QAM	20.09	20.03	20.22	21.30
15	LOW	64QAM	20.17	20.13	20.09	21.30	

Bandwidth	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.10	23.13	24.30
		MID	QPSK	23.25	23.01	23.11	24.30
		HIGH	QPSK	22.92	23.24	22.98	24.30
	12	LOW	QPSK	22.21	22.19	22.20	23.30
		MID	QPSK	22.04	22.10	22.10	23.30
		HIGH	QPSK	21.99	22.10	21.90	23.30
	25	LOW	QPSK	22.06	22.04	22.16	23.30
	5	1	LOW	Q16	21.99	22.27	22.10
			MID	Q16	22.16	22.57	22.20
			HIGH	Q16	22.08	21.98	23.30
		12	LOW	Q16	21.21	21.02	21.08
			MID	Q16	20.93	20.98	21.11
			HIGH	Q16	20.95	21.03	21.05
	25	LOW	Q16	21.11	21.28	21.23	22.30
5	1	LOW	64QAM	21.11	21.02	20.97	22.30
		MID	64QAM	21.18	21.21	20.96	22.30
		HIGH	64QAM	21.05	21.06	21.12	22.30
	12	LOW	64QAM	19.96	20.02	20.14	21.30
		MID	64QAM	20.20	20.24	20.19	21.30
		HIGH	64QAM	19.97	20.22	20.15	21.30
	25	LOW	64QAM	20.19	19.98	20.04	21.30
Bandwidth	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.01	23.04	23.05	24.30
		MID	QPSK	23.10	23.11	23.13	24.30
		HIGH	QPSK	23.03	23.10	23.07	24.30
	25	LOW	QPSK	22.09	22.14	22.07	23.30
		MID	QPSK	22.06	22.10	22.13	23.30
		HIGH	QPSK	21.98	22.12	22.02	23.30
10	50	LOW	QPSK	22.06	22.15	22.08	23.30
	1	LOW	Q16	21.98	22.38	22.08	23.30
		MID	Q16	22.06	22.50	22.15	23.30
		HIGH	Q16	21.93	22.46	22.08	23.30
	25	LOW	Q16	21.09	21.15	21.17	22.30
		MID	Q16	21.07	21.11	21.20	22.30
		HIGH	Q16	21.01	21.18	21.13	22.30
	50	LOW	Q16	21.02	21.16	21.10	22.30
10	1	LOW	64QAM	21.19	21.07	20.98	22.30
		MID	64QAM	21.01	21.10	21.21	22.30
		HIGH	64QAM	21.15	21.22	21.09	22.30
	25	LOW	64QAM	20.24	20.01	20.06	21.30
		MID	64QAM	20.14	19.99	20.00	21.30
		HIGH	64QAM	20.25	19.95	20.16	21.30
	50	LOW	64QAM	20.21	20.23	20.12	21.30

8.3.4 LTE Band7 Output Power

LTE B7-Level1-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.01	17.23	16.88	18.00
		MID	QPSK	16.98	17.17	17.14	18.00
		HIGH	QPSK	17.12	17.10	17.03	18.00
	12	LOW	QPSK	16.93	17.08	17.12	18.00
		MID	QPSK	17.03	17.00	17.12	18.00
		HIGH	QPSK	16.86	16.99	17.20	18.00
	25	LOW	QPSK	16.92	17.05	17.20	18.00
5	1	LOW	Q16	17.14	17.23	16.98	18.00
		MID	Q16	17.24	17.28	17.18	18.00
		HIGH	Q16	17.27	17.17	17.15	18.00
	12	LOW	Q16	16.94	16.97	17.20	18.00
		MID	Q16	17.20	17.01	17.14	18.00
		HIGH	Q16	16.87	16.84	17.17	18.00
	25	LOW	Q16	16.95	17.11	17.09	18.00
5	1	LOW	64QAM	17.00	16.81	16.80	18.00
		MID	64QAM	16.79	16.89	16.94	18.00
		HIGH	64QAM	16.90	16.77	17.03	18.00
	12	LOW	64QAM	16.76	16.99	16.94	18.00
		MID	64QAM	16.83	17.00	17.01	18.00
		HIGH	64QAM	16.81	16.94	16.92	18.00
	25	LOW	64QAM	16.91	16.98	16.83	18.00
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	16.85	17.16	17.14	18.00
		MID	QPSK	17.22	17.12	17.26	18.00
		HIGH	QPSK	16.97	16.88	16.84	18.00
	25	LOW	QPSK	16.90	16.86	17.09	18.00
		MID	QPSK	16.98	17.03	17.16	18.00
		HIGH	QPSK	17.02	17.03	17.23	18.00
50	LOW	QPSK	16.91	16.78	17.18	18.00	
10	1	LOW	Q16	17.15	17.32	17.20	18.00
		MID	Q16	17.15	17.24	17.08	18.00
		HIGH	Q16	17.36	16.94	16.99	18.00
	25	LOW	Q16	17.03	16.93	17.07	18.00
		MID	Q16	17.22	17.20	16.99	18.00
		HIGH	Q16	16.99	17.09	16.92	18.00
50	LOW	Q16	17.13	16.99	17.04	18.00	
10	1	LOW	64QAM	16.99	16.77	16.98	18.00
		MID	64QAM	16.90	17.03	16.98	18.00
		HIGH	64QAM	17.03	16.81	16.80	18.00
	25	LOW	64QAM	16.93	17.03	16.83	18.00
		MID	64QAM	16.81	16.75	17.01	18.00
		HIGH	64QAM	16.91	17.03	16.87	18.00
	50	LOW	64QAM	16.77	16.89	16.98	18.00

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	17.08	17.23	16.89	18.00	
		MID	QPSK	17.18	17.08	17.00	18.00	
		HIGH	QPSK	17.11	17.15	16.95	18.00	
	36	LOW	QPSK	16.99	16.95	17.04	18.00	
		MID	QPSK	16.93	16.96	17.16	18.00	
		HIGH	QPSK	17.01	16.96	16.98	18.00	
	75	LOW	QPSK	16.90	16.96	16.97	18.00	
	15	1	LOW	Q16	17.13	17.17	17.09	18.00
			MID	Q16	17.15	17.18	17.35	18.00
HIGH			Q16	17.18	17.07	17.01	18.00	
36		LOW	Q16	16.83	17.07	17.22	18.00	
		MID	Q16	17.21	17.08	17.05	18.00	
		HIGH	Q16	16.87	16.89	17.06	18.00	
75	LOW	Q16	16.83	16.84	17.11	18.00		
15	1	LOW	64QAM	16.99	16.97	16.93	18.00	
		MID	64QAM	16.97	16.85	16.91	18.00	
		HIGH	64QAM	16.75	16.88	16.84	18.00	
	36	LOW	64QAM	16.84	16.94	16.76	18.00	
		MID	64QAM	16.93	16.85	16.83	18.00	
		HIGH	64QAM	17.02	16.98	16.81	18.00	
	75	LOW	64QAM	16.75	16.77	16.85	18.00	
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)	
20	1	LOW	QPSK	16.97	17.17	17.01	18.00	
		MID	QPSK	17.11	17.16	17.14	18.00	
		HIGH	QPSK	17.06	17.00	16.97	18.00	
	50	LOW	QPSK	16.94	16.95	17.17	18.00	
		MID	QPSK	17.08	17.11	17.16	18.00	
		HIGH	QPSK	16.96	16.93	17.08	18.00	
	100	LOW	QPSK	16.95	16.93	17.11	18.00	
20	1	LOW	Q16	17.13	17.27	17.09	18.00	
		MID	Q16	17.27	17.31	17.23	18.00	
		HIGH	Q16	17.21	17.06	17.06	18.00	
	50	LOW	Q16	16.97	17.00	17.14	18.00	
		MID	Q16	17.11	17.11	17.13	18.00	
		HIGH	Q16	16.98	16.97	17.05	18.00	
	100	LOW	Q16	16.98	16.96	17.08	18.00	
20	1	LOW	64QAM	17.03	16.85	16.79	18.00	
		MID	64QAM	16.99	16.77	16.97	18.00	
		HIGH	64QAM	16.89	17.02	17.03	18.00	
	50	LOW	64QAM	17.01	16.93	16.77	18.00	
		MID	64QAM	16.81	16.94	16.79	18.00	
		HIGH	64QAM	16.75	16.84	16.78	18.00	
	100	LOW	64QAM	17.00	17.01	16.82	18.00	

LTE B7-Level1-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.72	22.43	23.50
		MID	QPSK	22.80	22.75	22.64	23.50
		HIGH	QPSK	22.74	22.46	22.60	23.50
	12	LOW	QPSK	21.41	21.68	21.65	22.50
		MID	QPSK	21.52	21.74	21.60	22.50
		HIGH	QPSK	21.42	21.47	21.50	22.50
	25	LOW	QPSK	21.62	21.58	21.51	22.50
5	1	LOW	Q16	22.07	22.21	21.95	22.50
		MID	Q16	22.13	21.91	22.25	22.50
		HIGH	Q16	22.22	21.81	21.96	22.50
	12	LOW	Q16	20.60	20.46	20.83	21.50
		MID	Q16	20.76	20.62	20.70	21.50
		HIGH	Q16	20.58	20.43	20.51	21.50
	25	LOW	Q16	20.62	20.50	20.54	21.50
5	1	LOW	64QAM	20.39	20.90	20.65	21.50
		MID	64QAM	20.67	20.89	20.71	21.50
		HIGH	64QAM	20.65	20.78	20.78	21.50
	12	LOW	64QAM	19.73	19.69	19.75	20.50
		MID	64QAM	19.94	19.76	19.66	20.50
		HIGH	64QAM	19.89	19.72	19.77	20.50
	25	LOW	64QAM	19.89	19.80	19.93	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.63	22.68	23.50
		MID	QPSK	22.65	22.54	22.65	23.50
		HIGH	QPSK	22.65	22.58	22.60	23.50
	25	LOW	QPSK	21.38	21.62	21.72	22.50
		MID	QPSK	21.70	21.64	21.72	22.50
		HIGH	QPSK	21.66	21.45	21.67	22.50
	50	LOW	QPSK	21.41	21.55	21.73	22.50
10	1	LOW	Q16	22.18	21.98	22.04	22.50
		MID	Q16	22.10	22.17	22.22	22.50
		HIGH	Q16	22.10	21.75	21.85	22.50
	25	LOW	Q16	20.63	20.68	20.77	21.50
		MID	Q16	20.70	20.82	20.58	21.50
		HIGH	Q16	20.42	20.42	20.73	21.50
	50	LOW	Q16	20.53	20.46	20.57	21.50
10	1	LOW	64QAM	20.64	20.65	20.74	21.50
		MID	64QAM	20.89	20.72	20.66	21.50
		HIGH	64QAM	20.93	20.78	20.72	21.50
	25	LOW	64QAM	19.78	19.86	19.65	20.50
		MID	64QAM	19.95	19.80	19.91	20.50
		HIGH	64QAM	19.89	19.73	19.71	20.50
	50	LOW	64QAM	19.82	19.66	19.95	20.50

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.66	22.59	22.43	23.50
		MID	QPSK	22.55	22.72	22.82	23.50
		HIGH	QPSK	22.65	22.59	22.43	23.50
	36	LOW	QPSK	21.51	21.53	21.77	22.50
		MID	QPSK	21.62	21.65	21.86	22.50
		HIGH	QPSK	21.42	21.48	21.53	22.50
	75	LOW	QPSK	21.61	21.42	21.65	22.50
15	1	LOW	Q16	22.18	21.99	21.87	22.50
		MID	Q16	22.18	21.92	22.31	22.50
		HIGH	Q16	22.15	21.69	22.07	22.50
	36	LOW	Q16	20.50	20.44	20.58	21.50
		MID	Q16	20.73	20.80	20.71	21.50
		HIGH	Q16	20.66	20.69	20.49	21.50
	75	LOW	Q16	20.58	20.64	20.48	21.50
15	1	LOW	64QAM	20.38	20.72	20.93	21.50
		MID	64QAM	20.77	20.68	20.78	21.50
		HIGH	64QAM	20.70	20.93	20.70	21.50
	36	LOW	64QAM	19.88	19.88	19.67	20.50
		MID	64QAM	19.92	19.72	19.79	20.50
		HIGH	64QAM	19.90	19.75	19.68	20.50
	75	LOW	64QAM	19.94	19.71	19.73	20.50
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.54	22.69	22.54	23.50
		MID	QPSK	22.69	22.67	22.70	23.50
		HIGH	QPSK	22.62	22.47	22.53	23.50
	50	LOW	QPSK	21.51	21.53	21.74	22.50
		MID	QPSK	21.66	21.67	21.73	22.50
		HIGH	QPSK	21.52	21.51	21.62	22.50
	100	LOW	QPSK	21.48	21.53	21.66	22.50
20	1	LOW	Q16	22.05	22.13	21.98	22.50
		MID	Q16	22.20	22.03	22.18	22.50
		HIGH	Q16	22.09	21.80	21.99	22.50
	50	LOW	Q16	20.50	20.54	20.71	21.50
		MID	Q16	20.67	20.67	20.67	21.50
		HIGH	Q16	20.52	20.56	20.58	21.50
	100	LOW	Q16	20.54	20.53	20.63	21.50
20	1	LOW	64QAM	20.64	20.70	20.92	21.50
		MID	64QAM	20.91	20.84	20.93	21.50
		HIGH	64QAM	20.88	20.76	20.92	21.50
	50	LOW	64QAM	19.72	19.94	19.93	20.50
		MID	64QAM	19.79	19.94	19.69	20.50
		HIGH	64QAM	19.76	19.70	19.67	20.50
	100	LOW	64QAM	19.82	19.74	19.83	20.50

LTE B7-Level2&3-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	14.89	15.05	14.92	16.00
		MID	QPSK	15.05	15.07	14.79	16.00
		HIGH	QPSK	14.77	14.82	14.58	16.00
	12	LOW	QPSK	14.96	14.83	15.05	16.00
		MID	QPSK	15.06	14.87	14.85	16.00
		HIGH	QPSK	14.95	14.66	15.02	16.00
	25	LOW	QPSK	14.85	14.94	14.87	16.00
5	1	LOW	Q16	14.93	14.95	14.85	16.00
		MID	Q16	15.07	15.25	14.87	16.00
		HIGH	Q16	14.93	14.88	14.81	16.00
	12	LOW	Q16	14.86	14.88	14.83	16.00
		MID	Q16	14.92	14.81	14.94	16.00
		HIGH	Q16	14.72	14.70	14.80	16.00
	25	LOW	Q16	14.99	14.86	14.87	16.00
5	1	LOW	64QAM	14.69	14.83	14.65	16.00
		MID	64QAM	14.69	14.95	14.87	16.00
		HIGH	64QAM	14.74	14.95	14.77	16.00
	12	LOW	64QAM	14.71	14.73	14.94	16.00
		MID	64QAM	14.90	14.73	14.95	16.00
		HIGH	64QAM	14.94	14.95	14.82	16.00
	25	LOW	64QAM	14.67	14.93	14.67	16.00
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.01	14.97	14.92	16.00
		MID	QPSK	14.94	14.84	14.92	16.00
		HIGH	QPSK	14.94	14.67	14.77	16.00
	25	LOW	QPSK	14.68	14.68	15.04	16.00
		MID	QPSK	14.94	14.90	15.01	16.00
		HIGH	QPSK	15.01	14.67	15.00	16.00
	50	LOW	QPSK	14.74	14.73	15.01	16.00
10	1	LOW	Q16	15.10	15.15	14.99	16.00
		MID	Q16	15.06	15.17	14.92	16.00
		HIGH	Q16	14.90	14.81	14.67	16.00
	25	LOW	Q16	14.96	14.99	15.07	16.00
		MID	Q16	14.92	14.82	15.02	16.00
		HIGH	Q16	14.76	14.76	14.81	16.00
	50	LOW	Q16	14.99	14.91	14.80	16.00
10	1	LOW	64QAM	14.88	14.77	14.89	16.00
		MID	64QAM	14.91	14.91	14.91	16.00
		HIGH	64QAM	14.93	14.83	14.88	16.00
	25	LOW	64QAM	14.77	14.87	14.75	16.00
		MID	64QAM	14.84	14.95	14.81	16.00
		HIGH	64QAM	14.83	14.85	14.66	16.00
	50	LOW	64QAM	14.74	14.70	14.79	16.00

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.74	14.94	14.62	16.00
		MID	QPSK	15.00	15.10	14.92	16.00
		HIGH	QPSK	14.82	14.76	14.54	16.00
	36	LOW	QPSK	14.69	14.78	14.86	16.00
		MID	QPSK	15.08	14.80	15.00	16.00
		HIGH	QPSK	15.02	14.72	14.73	16.00
	75	LOW	QPSK	14.77	14.66	14.97	16.00
15	1	LOW	Q16	15.01	14.94	14.74	16.00
		MID	Q16	15.19	15.13	15.01	16.00
		HIGH	Q16	15.06	14.92	14.82	16.00
	36	LOW	Q16	14.73	14.75	15.06	16.00
		MID	Q16	14.90	14.96	14.77	16.00
		HIGH	Q16	14.93	14.70	14.94	16.00
	75	LOW	Q16	14.83	14.73	15.03	16.00
15	1	LOW	64QAM	14.86	14.93	14.87	16.00
		MID	64QAM	14.73	14.77	14.89	16.00
		HIGH	64QAM	14.87	14.86	14.71	16.00
	36	LOW	64QAM	14.75	14.94	14.88	16.00
		MID	64QAM	14.89	14.69	14.68	16.00
		HIGH	64QAM	14.79	14.81	14.93	16.00
	75	LOW	64QAM	14.70	14.81	14.76	16.00
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	14.86	14.94	14.77	16.00
		MID	QPSK	14.96	14.98	14.89	16.00
		HIGH	QPSK	14.92	14.79	14.68	16.00
	50	LOW	QPSK	14.81	14.77	14.96	16.00
		MID	QPSK	14.96	14.95	14.95	16.00
		HIGH	QPSK	14.88	14.81	14.88	16.00
	100	LOW	QPSK	14.81	14.79	14.90	16.00
20	1	LOW	Q16	15.00	15.08	14.87	16.00
		MID	Q16	15.14	15.17	14.96	16.00
		HIGH	Q16	15.02	14.92	14.77	16.00
	50	LOW	Q16	14.84	14.84	14.95	16.00
		MID	Q16	15.00	14.96	14.91	16.00
		HIGH	Q16	14.87	14.82	14.86	16.00
	100	LOW	Q16	14.87	14.80	14.89	16.00
20	1	LOW	64QAM	14.81	14.91	14.95	16.00
		MID	64QAM	14.67	14.92	14.82	16.00
		HIGH	64QAM	14.92	14.93	14.84	16.00
	50	LOW	64QAM	14.80	14.89	14.82	16.00
		MID	64QAM	14.67	14.70	14.67	16.00
		HIGH	64QAM	14.92	14.72	14.72	16.00
	100	LOW	64QAM	14.78	14.76	14.90	16.00

LTE B7-Level2&3-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.72	22.43	23.50
		MID	QPSK	22.80	22.75	22.64	23.50
		HIGH	QPSK	22.74	22.46	22.60	23.50
	12	LOW	QPSK	21.41	21.68	21.65	22.50
		MID	QPSK	21.52	21.74	21.60	22.50
		HIGH	QPSK	21.42	21.47	21.50	22.50
	25	LOW	QPSK	21.62	21.58	21.51	22.50
5	1	LOW	Q16	22.07	22.21	21.95	22.50
		MID	Q16	22.13	21.91	22.25	22.50
		HIGH	Q16	22.22	21.81	21.96	22.50
	12	LOW	Q16	20.60	20.46	20.83	21.50
		MID	Q16	20.76	20.62	20.70	21.50
		HIGH	Q16	20.58	20.43	20.51	21.50
	25	LOW	Q16	20.62	20.50	20.54	21.50
5	1	LOW	64QAM	20.39	20.90	20.65	21.50
		MID	64QAM	20.67	20.89	20.71	21.50
		HIGH	64QAM	20.65	20.78	20.78	21.50
	12	LOW	64QAM	19.73	19.69	19.75	20.50
		MID	64QAM	19.94	19.76	19.66	20.50
		HIGH	64QAM	19.89	19.72	19.77	20.50
	25	LOW	64QAM	19.89	19.80	19.93	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.64	22.63	22.68	23.50
		MID	QPSK	22.65	22.54	22.65	23.50
		HIGH	QPSK	22.65	22.58	22.60	23.50
	25	LOW	QPSK	21.38	21.62	21.72	22.50
		MID	QPSK	21.70	21.64	21.72	22.50
		HIGH	QPSK	21.66	21.45	21.67	22.50
	50	LOW	QPSK	21.41	21.55	21.73	22.50
10	1	LOW	Q16	22.18	21.98	22.04	22.50
		MID	Q16	22.10	22.17	22.22	22.50
		HIGH	Q16	22.10	21.75	21.85	22.50
	25	LOW	Q16	20.63	20.68	20.77	21.50
		MID	Q16	20.70	20.82	20.58	21.50
		HIGH	Q16	20.42	20.42	20.73	21.50
	50	LOW	Q16	20.53	20.46	20.57	21.50
10	1	LOW	64QAM	20.64	20.65	20.74	21.50
		MID	64QAM	20.89	20.72	20.66	21.50
		HIGH	64QAM	20.93	20.78	20.72	21.50
	25	LOW	64QAM	19.78	19.86	19.65	20.50
		MID	64QAM	19.95	19.80	19.91	20.50
		HIGH	64QAM	19.89	19.73	19.71	20.50
	50	LOW	64QAM	19.82	19.66	19.95	20.50

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.66	22.59	22.43	23.50
		MID	QPSK	22.55	22.72	22.82	23.50
		HIGH	QPSK	22.65	22.59	22.43	23.50
	36	LOW	QPSK	21.51	21.53	21.77	22.50
		MID	QPSK	21.62	21.65	21.86	22.50
		HIGH	QPSK	21.42	21.48	21.53	22.50
	75	LOW	QPSK	21.61	21.42	21.65	22.50
15	1	LOW	Q16	22.18	21.99	21.87	22.50
		MID	Q16	22.18	21.92	22.31	22.50
		HIGH	Q16	22.15	21.69	22.07	22.50
	36	LOW	Q16	20.50	20.44	20.58	21.50
		MID	Q16	20.73	20.80	20.71	21.50
		HIGH	Q16	20.66	20.69	20.49	21.50
	75	LOW	Q16	20.58	20.64	20.48	21.50
15	1	LOW	64QAM	20.38	20.72	20.93	21.50
		MID	64QAM	20.77	20.68	20.78	21.50
		HIGH	64QAM	20.70	20.93	20.70	21.50
	36	LOW	64QAM	19.88	19.88	19.67	20.50
		MID	64QAM	19.92	19.72	19.79	20.50
		HIGH	64QAM	19.90	19.75	19.68	20.50
	75	LOW	64QAM	19.94	19.71	19.73	20.50
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.54	22.69	22.54	23.50
		MID	QPSK	22.69	22.67	22.70	23.50
		HIGH	QPSK	22.62	22.47	22.53	23.50
	50	LOW	QPSK	21.51	21.53	21.74	22.50
		MID	QPSK	21.66	21.67	21.73	22.50
		HIGH	QPSK	21.52	21.51	21.62	22.50
	100	LOW	QPSK	21.48	21.53	21.66	22.50
20	1	LOW	Q16	22.05	22.13	21.98	22.50
		MID	Q16	22.20	22.03	22.18	22.50
		HIGH	Q16	22.09	21.80	21.99	22.50
	50	LOW	Q16	20.50	20.54	20.71	21.50
		MID	Q16	20.67	20.67	20.67	21.50
		HIGH	Q16	20.52	20.56	20.58	21.50
	100	LOW	Q16	20.54	20.53	20.63	21.50
20	1	LOW	64QAM	20.64	20.70	20.92	21.50
		MID	64QAM	20.91	20.84	20.93	21.50
		HIGH	64QAM	20.88	20.76	20.92	21.50
	50	LOW	64QAM	19.72	19.94	19.93	20.50
		MID	64QAM	19.79	19.94	19.69	20.50
		HIGH	64QAM	19.76	19.70	19.67	20.50
	100	LOW	64QAM	19.82	19.74	19.83	20.50

LTE B7-Level4-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.49	19.38	19.23	20.50
		MID	QPSK	19.51	18.99	19.33	20.50
		HIGH	QPSK	19.23	19.16	18.95	20.50
	12	LOW	QPSK	19.66	19.05	18.78	20.50
		MID	QPSK	19.86	19.36	19.02	20.50
		HIGH	QPSK	19.28	18.73	18.99	20.50
	25	LOW	QPSK	19.40	18.99	18.99	20.50
5	1	LOW	Q16	19.74	19.31	19.32	20.50
		MID	Q16	19.67	19.34	19.23	20.50
		HIGH	Q16	19.39	19.19	19.18	20.50
	12	LOW	Q16	19.58	19.19	18.87	20.50
		MID	Q16	19.58	19.17	19.31	20.50
		HIGH	Q16	19.19	19.03	19.09	20.50
	25	LOW	Q16	19.55	18.93	19.14	20.50
5	1	LOW	64QAM	19.45	19.21	19.21	20.50
		MID	64QAM	19.40	19.26	19.40	20.50
		HIGH	64QAM	19.34	19.37	19.39	20.50
	12	LOW	64QAM	19.43	19.20	19.18	20.50
		MID	64QAM	19.27	19.43	19.32	20.50
		HIGH	64QAM	19.20	19.22	19.37	20.50
	25	LOW	64QAM	19.37	19.33	19.43	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.53	19.30	19.22	20.50
		MID	QPSK	19.70	19.24	19.08	20.50
		HIGH	QPSK	19.31	19.08	19.12	20.50
	25	LOW	QPSK	19.53	18.93	19.00	20.50
		MID	QPSK	19.61	19.35	19.02	20.50
		HIGH	QPSK	19.19	18.98	18.97	20.50
	50	LOW	QPSK	19.51	18.98	19.11	20.50
10	1	LOW	Q16	19.77	19.31	19.40	20.50
		MID	Q16	19.76	19.36	19.22	20.50
		HIGH	Q16	19.50	19.18	19.28	20.50
	25	LOW	Q16	19.60	19.13	18.82	20.50
		MID	Q16	19.66	19.32	19.25	20.50
		HIGH	Q16	19.31	18.97	18.90	20.50
	50	LOW	Q16	19.39	18.83	19.04	20.50
10	1	LOW	64QAM	19.16	19.24	19.21	20.50
		MID	64QAM	19.25	19.16	19.38	20.50
		HIGH	64QAM	19.43	19.29	19.28	20.50
	25	LOW	64QAM	19.22	19.15	19.38	20.50
		MID	64QAM	19.33	19.34	19.15	20.50
		HIGH	64QAM	19.26	19.28	19.25	20.50
	50	LOW	64QAM	19.17	19.15	19.26	20.50

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.64	19.33	19.21	20.50
		MID	QPSK	19.48	19.11	19.32	20.50
		HIGH	QPSK	19.23	19.07	19.01	20.50
	36	LOW	QPSK	19.59	18.96	19.05	20.50
		MID	QPSK	19.80	19.38	19.23	20.50
		HIGH	QPSK	19.21	18.85	18.93	20.50
	75	LOW	QPSK	19.51	18.97	18.84	20.50
15	1	LOW	Q16	19.70	19.34	19.39	20.50
		MID	Q16	19.70	19.24	19.17	20.50
		HIGH	Q16	19.52	19.27	19.25	20.50
	36	LOW	Q16	19.67	19.01	18.87	20.50
		MID	Q16	19.66	19.09	19.01	20.50
		HIGH	Q16	19.15	18.93	19.05	20.50
	75	LOW	Q16	19.50	18.98	19.15	20.50
15	1	LOW	64QAM	19.29	19.38	19.21	20.50
		MID	64QAM	19.21	19.37	19.20	20.50
		HIGH	64QAM	19.39	19.24	19.36	20.50
	36	LOW	64QAM	19.38	19.21	19.19	20.50
		MID	64QAM	19.22	19.28	19.38	20.50
		HIGH	64QAM	19.28	19.23	19.17	20.50
	75	LOW	64QAM	19.36	19.28	19.35	20.50
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.58	19.31	19.12	20.50
		MID	QPSK	19.56	19.12	19.18	20.50
		HIGH	QPSK	19.29	19.06	18.98	20.50
	50	LOW	QPSK	19.60	19.08	18.91	20.50
		MID	QPSK	19.71	19.26	19.14	20.50
		HIGH	QPSK	19.31	18.88	18.95	20.50
	100	LOW	QPSK	19.39	18.98	18.97	20.50
20	1	LOW	Q16	19.70	19.32	19.25	20.50
		MID	Q16	19.71	19.33	19.30	20.50
		HIGH	Q16	19.40	19.25	19.15	20.50
	50	LOW	Q16	19.52	19.04	18.96	20.50
		MID	Q16	19.68	19.23	19.16	20.50
		HIGH	Q16	19.25	18.91	18.96	20.50
	100	LOW	Q16	19.46	18.96	19.19	20.50
20	1	LOW	64QAM	19.43	19.36	19.30	20.50
		MID	64QAM	19.32	19.23	19.45	20.50
		HIGH	64QAM	19.26	19.16	19.45	20.50
	50	LOW	64QAM	19.22	19.30	19.26	20.50
		MID	64QAM	19.41	19.41	19.43	20.50
		HIGH	64QAM	19.21	19.26	19.32	20.50
	100	LOW	64QAM	19.40	19.42	19.43	20.50

LTE B7-Level4-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.47	21.54	21.24	22.50
		MID	QPSK	21.49	21.64	21.65	22.50
		HIGH	QPSK	21.54	21.24	21.22	22.50
	12	LOW	QPSK	21.42	21.30	21.70	22.50
		MID	QPSK	21.60	21.70	21.51	22.50
		HIGH	QPSK	21.30	21.33	21.42	22.50
	25	LOW	QPSK	21.42	21.53	21.45	22.50
5	1	LOW	Q16	21.56	21.79	21.47	22.50
		MID	Q16	21.71	21.46	21.63	22.50
		HIGH	Q16	21.77	21.46	21.58	22.50
	12	LOW	Q16	20.38	20.46	20.61	22.00
		MID	Q16	20.66	20.53	20.67	22.00
		HIGH	Q16	20.62	20.54	20.33	22.00
	25	LOW	Q16	20.62	20.50	20.40	22.00
5	1	LOW	64QAM	20.71	20.68	20.89	22.00
		MID	64QAM	20.89	20.93	20.74	22.00
		HIGH	64QAM	20.90	20.79	20.68	22.00
	12	LOW	64QAM	19.69	19.68	19.83	21.00
		MID	64QAM	19.76	19.85	19.77	21.00
		HIGH	64QAM	19.91	19.95	19.69	21.00
	25	LOW	64QAM	19.83	19.71	19.93	21.00
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.50	21.52	21.23	22.50
		MID	QPSK	21.59	21.48	21.36	22.50
		HIGH	QPSK	21.49	21.22	21.28	22.50
	25	LOW	QPSK	21.45	21.37	21.66	22.50
		MID	QPSK	21.54	21.45	21.72	22.50
		HIGH	QPSK	21.45	21.30	21.47	22.50
50	LOW	QPSK	21.55	21.32	21.48	22.50	
10	1	LOW	Q16	21.60	21.77	21.40	22.50
		MID	Q16	21.54	21.54	21.60	22.50
		HIGH	Q16	21.64	21.26	21.48	22.50
	25	LOW	Q16	20.27	20.52	20.46	22.00
		MID	Q16	20.47	20.61	20.61	22.00
		HIGH	Q16	20.35	20.38	20.55	22.00
50	LOW	Q16	20.57	20.48	20.65	22.00	
10	1	LOW	64QAM	20.72	20.91	20.73	22.00
		MID	64QAM	20.68	20.93	20.82	22.00
		HIGH	64QAM	20.81	20.86	20.73	22.00
	25	LOW	64QAM	19.74	19.83	19.88	21.00
		MID	64QAM	19.83	19.65	19.72	21.00
		HIGH	64QAM	19.78	19.84	19.82	21.00
	50	LOW	64QAM	19.74	19.69	19.80	21.00

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.44	21.57	21.51	22.50
		MID	QPSK	21.44	21.40	21.63	22.50
		HIGH	QPSK	21.40	21.22	21.37	22.50
	36	LOW	QPSK	21.29	21.37	21.53	22.50
		MID	QPSK	21.38	21.59	21.61	22.50
		HIGH	QPSK	21.52	21.45	21.46	22.50
	75	LOW	QPSK	21.55	21.28	21.56	22.50
15	1	LOW	Q16	21.60	21.69	21.50	22.50
		MID	Q16	21.72	21.56	21.67	22.50
		HIGH	Q16	21.77	21.31	21.41	22.50
	36	LOW	Q16	20.35	20.40	20.67	22.00
		MID	Q16	20.63	20.69	20.57	22.00
		HIGH	Q16	20.59	20.27	20.54	22.00
	75	LOW	Q16	20.41	20.35	20.66	22.00
15	1	LOW	64QAM	20.91	20.68	20.77	22.00
		MID	64QAM	20.65	20.88	20.95	22.00
		HIGH	64QAM	20.71	20.74	20.70	22.00
	36	LOW	64QAM	19.95	19.89	19.83	21.00
		MID	64QAM	19.95	19.86	19.83	21.00
		HIGH	64QAM	19.74	19.95	19.80	21.00
	75	LOW	64QAM	19.95	19.87	19.84	21.00
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.40	21.56	21.36	22.50
		MID	QPSK	21.54	21.53	21.51	22.50
		HIGH	QPSK	21.50	21.34	21.30	22.50
	50	LOW	QPSK	21.43	21.43	21.60	22.50
		MID	QPSK	21.52	21.56	21.59	22.50
		HIGH	QPSK	21.43	21.42	21.46	22.50
	100	LOW	QPSK	21.41	21.39	21.51	22.50
20	1	LOW	Q16	21.58	21.64	21.50	22.50
		MID	Q16	21.69	21.55	21.66	22.50
		HIGH	Q16	21.63	21.31	21.47	22.50
	50	LOW	Q16	20.42	20.42	20.55	22.00
		MID	Q16	20.60	20.54	20.55	22.00
		HIGH	Q16	20.48	20.39	20.41	22.00
	100	LOW	Q16	20.50	20.39	20.52	22.00
20	1	LOW	64QAM	20.76	20.77	20.84	22.00
		MID	64QAM	20.89	20.83	20.94	22.00
		HIGH	64QAM	20.81	20.92	20.95	22.00
	50	LOW	64QAM	19.82	19.68	19.73	21.00
		MID	64QAM	19.86	19.80	19.72	21.00
		HIGH	64QAM	19.84	19.95	19.75	21.00
	100	LOW	64QAM	19.80	19.67	19.72	21.00

LTE B7-Level5&6-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.39	17.64	17.57	18.50
		MID	QPSK	17.53	17.67	17.60	18.50
		HIGH	QPSK	17.43	17.48	17.53	18.50
	12	LOW	QPSK	17.37	17.36	17.57	18.50
		MID	QPSK	17.64	17.49	17.66	18.50
		HIGH	QPSK	17.58	17.31	17.50	18.50
	25	LOW	QPSK	17.32	17.49	17.67	18.50
5	1	LOW	Q16	17.58	17.54	17.66	18.50
		MID	Q16	17.76	17.78	17.89	18.50
		HIGH	Q16	17.77	17.49	17.62	18.50
	12	LOW	Q16	17.54	17.39	17.65	18.50
		MID	Q16	17.61	17.42	17.70	18.50
		HIGH	Q16	17.34	17.47	17.49	18.50
	25	LOW	Q16	17.56	17.32	17.67	18.50
5	1	LOW	64QAM	17.31	17.28	17.16	18.50
		MID	64QAM	17.31	17.34	17.23	18.50
		HIGH	64QAM	17.18	17.36	17.33	18.50
	12	LOW	64QAM	17.25	17.26	17.32	18.50
		MID	64QAM	17.26	17.27	17.30	18.50
		HIGH	64QAM	17.20	17.29	17.37	18.50
	25	LOW	64QAM	17.33	17.36	17.42	18.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.50	17.69	17.45	18.50
		MID	QPSK	17.76	17.66	17.74	18.50
		HIGH	QPSK	17.46	17.36	17.57	18.50
	25	LOW	QPSK	17.48	17.53	17.77	18.50
		MID	QPSK	17.47	17.64	17.64	18.50
		HIGH	QPSK	17.42	17.53	17.66	18.50
	50	LOW	QPSK	17.56	17.47	17.67	18.50
10	1	LOW	Q16	17.72	17.67	17.76	18.50
		MID	Q16	17.86	17.67	17.91	18.50
		HIGH	Q16	17.81	17.45	17.75	18.50
	25	LOW	Q16	17.32	17.32	17.72	18.50
		MID	Q16	17.63	17.57	17.54	18.50
		HIGH	Q16	17.43	17.33	17.67	18.50
	50	LOW	Q16	17.48	17.55	17.55	18.50
10	1	LOW	64QAM	17.45	17.45	17.37	18.50
		MID	64QAM	17.27	17.29	17.17	18.50
		HIGH	64QAM	17.22	17.44	17.32	18.50
	25	LOW	64QAM	17.26	17.36	17.36	18.50
		MID	64QAM	17.18	17.26	17.22	18.50
		HIGH	64QAM	17.19	17.18	17.35	18.50
	50	LOW	64QAM	17.36	17.27	17.19	18.50

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.50	17.53	17.51	18.50
		MID	QPSK	17.60	17.45	17.64	18.50
		HIGH	QPSK	17.44	17.35	17.51	18.50
	36	LOW	QPSK	17.33	17.52	17.78	18.50
		MID	QPSK	17.50	17.46	17.82	18.50
		HIGH	QPSK	17.60	17.33	17.72	18.50
	75	LOW	QPSK	17.48	17.30	17.65	18.50
15	1	LOW	Q16	17.75	17.58	17.57	18.50
		MID	Q16	17.81	17.77	17.79	18.50
		HIGH	Q16	17.55	17.55	17.74	18.50
	36	LOW	Q16	17.35	17.56	17.73	18.50
		MID	Q16	17.71	17.43	17.61	18.50
		HIGH	Q16	17.58	17.51	17.66	18.50
	75	LOW	Q16	17.31	17.29	17.52	18.50
15	1	LOW	64QAM	17.42	17.39	17.39	18.50
		MID	64QAM	17.26	17.19	17.28	18.50
		HIGH	64QAM	17.30	17.28	17.17	18.50
	36	LOW	64QAM	17.39	17.43	17.43	18.50
		MID	64QAM	17.27	17.42	17.44	18.50
		HIGH	64QAM	17.25	17.39	17.31	18.50
	75	LOW	64QAM	17.35	17.28	17.19	18.50
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.48	17.56	17.53	18.50
		MID	QPSK	17.66	17.58	17.68	18.50
		HIGH	QPSK	17.56	17.40	17.49	18.50
	50	LOW	QPSK	17.38	17.47	17.65	18.50
		MID	QPSK	17.56	17.60	17.68	18.50
		HIGH	QPSK	17.46	17.42	17.59	18.50
	100	LOW	QPSK	17.41	17.42	17.62	18.50
20	1	LOW	Q16	17.64	17.63	17.69	18.50
		MID	Q16	17.74	17.68	17.80	18.50
		HIGH	Q16	17.68	17.47	17.68	18.50
	50	LOW	Q16	17.41	17.42	17.70	18.50
		MID	Q16	17.59	17.56	17.67	18.50
		HIGH	Q16	17.47	17.41	17.59	18.50
	100	LOW	Q16	17.42	17.42	17.64	18.50
20	1	LOW	64QAM	17.30	17.20	17.25	18.50
		MID	64QAM	17.25	17.34	17.31	18.50
		HIGH	64QAM	17.39	17.20	17.39	18.50
	50	LOW	64QAM	17.21	17.30	17.16	18.50
		MID	64QAM	17.31	17.35	17.44	18.50
		HIGH	64QAM	17.26	17.18	17.36	18.50
	100	LOW	64QAM	17.37	17.24	17.40	18.50

LTE B7-Level5&6-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.24	19.20	19.16	20.50
		MID	QPSK	19.22	19.41	19.40	20.50
		HIGH	QPSK	19.04	19.22	19.08	20.50
	12	LOW	QPSK	19.19	19.34	19.31	20.50
		MID	QPSK	19.40	19.17	19.37	20.50
		HIGH	QPSK	19.06	19.04	19.28	20.50
	25	LOW	QPSK	19.05	19.30	19.34	20.50
5	1	LOW	Q16	19.38	19.27	19.37	20.50
		MID	Q16	19.32	19.43	19.48	20.50
		HIGH	Q16	19.18	19.22	19.26	20.50
	12	LOW	Q16	19.06	19.12	19.47	20.50
		MID	Q16	19.36	19.45	19.29	20.50
		HIGH	Q16	19.17	19.27	19.15	20.50
	25	LOW	Q16	19.25	19.11	19.42	20.50
5	1	LOW	64QAM	19.29	19.05	19.24	20.50
		MID	64QAM	19.26	19.19	19.09	20.50
		HIGH	64QAM	19.24	19.29	19.15	20.50
	12	LOW	64QAM	19.23	19.21	19.16	20.50
		MID	64QAM	19.26	19.20	19.11	20.50
		HIGH	64QAM	19.17	19.34	19.09	20.50
	25	LOW	64QAM	19.09	19.07	19.29	20.50
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.15	19.31	19.20	20.50
		MID	QPSK	19.16	19.44	19.42	20.50
		HIGH	QPSK	19.07	19.07	19.14	20.50
	25	LOW	QPSK	19.10	19.09	19.48	20.50
		MID	QPSK	19.20	19.34	19.45	20.50
		HIGH	QPSK	19.14	19.06	19.40	20.50
	50	LOW	QPSK	19.26	19.18	19.43	20.50
10	1	LOW	Q16	19.11	19.27	19.39	20.50
		MID	Q16	19.25	19.39	19.37	20.50
		HIGH	Q16	19.28	19.44	19.36	20.50
	25	LOW	Q16	19.30	19.26	19.37	20.50
		MID	Q16	19.29	19.21	19.32	20.50
		HIGH	Q16	19.31	19.28	19.22	20.50
	50	LOW	Q16	19.27	19.06	19.31	20.50
10	1	LOW	64QAM	19.23	19.20	19.07	20.50
		MID	64QAM	19.28	19.07	19.27	20.50
		HIGH	64QAM	19.28	19.30	19.23	20.50
	25	LOW	64QAM	19.19	19.19	19.14	20.50
		MID	64QAM	19.33	19.12	19.22	20.50
		HIGH	64QAM	19.08	19.24	19.07	20.50
	50	LOW	64QAM	19.32	19.12	19.07	20.50

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.17	19.15	19.19	20.50
		MID	QPSK	19.34	19.39	19.21	20.50
		HIGH	QPSK	19.25	19.25	19.27	20.50
	36	LOW	QPSK	19.14	19.20	19.51	20.50
		MID	QPSK	19.20	19.37	19.37	20.50
		HIGH	QPSK	19.06	19.24	19.19	20.50
	75	LOW	QPSK	19.04	19.18	19.35	20.50
15	1	LOW	Q16	19.27	19.37	19.24	20.50
		MID	Q16	19.36	19.41	19.36	20.50
		HIGH	Q16	19.20	19.36	19.27	20.50
	36	LOW	Q16	19.14	19.28	19.24	20.50
		MID	Q16	19.32	19.30	19.43	20.50
		HIGH	Q16	19.21	19.26	19.40	20.50
	75	LOW	Q16	19.30	19.31	19.20	20.50
15	1	LOW	64QAM	19.08	19.26	19.18	20.50
		MID	64QAM	19.16	19.11	19.21	20.50
		HIGH	64QAM	19.25	19.07	19.08	20.50
	36	LOW	64QAM	19.28	19.11	19.17	20.50
		MID	64QAM	19.10	19.08	19.22	20.50
		HIGH	64QAM	19.20	19.20	19.29	20.50
	75	LOW	64QAM	19.32	19.35	19.06	20.50
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.15	19.27	19.21	20.50
		MID	QPSK	19.23	19.32	19.36	20.50
		HIGH	QPSK	19.18	19.11	19.17	20.50
	50	LOW	QPSK	19.23	19.20	19.37	20.50
		MID	QPSK	19.31	19.32	19.35	20.50
		HIGH	QPSK	19.20	19.14	19.25	20.50
	100	LOW	QPSK	19.17	19.17	19.31	20.50
20	1	LOW	Q16	19.24	19.38	19.29	20.50
		MID	Q16	19.36	19.48	19.47	20.50
		HIGH	Q16	19.29	19.30	19.22	20.50
	50	LOW	Q16	19.18	19.20	19.39	20.50
		MID	Q16	19.28	19.31	19.40	20.50
		HIGH	Q16	19.16	19.17	19.27	20.50
	100	LOW	Q16	19.21	19.21	19.33	20.50
20	1	LOW	64QAM	19.12	19.10	19.17	20.50
		MID	64QAM	19.08	19.07	19.20	20.50
		HIGH	64QAM	19.08	19.24	19.29	20.50
	50	LOW	64QAM	19.29	19.10	19.15	20.50
		MID	64QAM	19.24	19.26	19.26	20.50
		HIGH	64QAM	19.25	19.05	19.34	20.50
	100	LOW	64QAM	19.31	19.19	19.26	20.50

8.3.5 LTE Band12 Output Power

LTE B12-Level1 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.11	22.14	22.15	23.30
		MID	QPSK	22.11	22.20	22.18	23.30
		HIGH	QPSK	22.24	22.15	21.98	23.30
	3	LOW	QPSK	21.95	22.01	22.11	23.30
		MID	QPSK	22.00	22.05	22.27	23.30
		HIGH	QPSK	22.13	22.02	22.00	23.30
	6	LOW	QPSK	22.06	22.29	22.25	23.30
1.4	1	LOW	Q16	22.26	22.08	22.49	23.30
		MID	Q16	22.13	22.07	22.60	23.30
		HIGH	Q16	22.12	21.97	22.32	23.30
	3	LOW	Q16	22.22	21.70	22.49	23.30
		MID	Q16	22.25	21.97	22.45	23.30
		HIGH	Q16	22.05	22.20	22.45	23.30
	6	LOW	Q16	21.06	20.95	21.09	22.30
1.4	1	LOW	64QAM	21.12	20.80	20.98	22.30
		MID	64QAM	21.37	21.19	21.26	22.30
		HIGH	64QAM	21.45	20.92	21.11	22.30
	3	LOW	64QAM	21.06	20.92	20.71	22.30
		MID	64QAM	21.36	21.05	21.15	22.30
		HIGH	64QAM	21.41	21.16	21.15	22.30
	6	LOW	64QAM	20.37	20.06	20.27	21.30
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.02	21.98	22.23	23.30
		MID	QPSK	22.06	22.11	22.02	23.30
		HIGH	QPSK	22.23	22.00	22.10	23.30
	8	LOW	QPSK	21.93	22.21	22.14	23.30
		MID	QPSK	22.13	22.20	22.22	23.30
		HIGH	QPSK	22.08	22.16	22.06	23.30
	15	LOW	QPSK	22.31	22.22	22.15	23.30
3	1	LOW	Q16	22.33	21.99	22.64	23.30
		MID	Q16	22.22	22.06	22.50	23.30
		HIGH	Q16	22.28	21.89	22.56	22.30
	8	LOW	Q16	21.08	21.08	21.16	22.30
		MID	Q16	21.34	21.24	21.07	22.30
		HIGH	Q16	21.34	21.16	21.14	22.30
	15	LOW	Q16	21.13	21.07	21.22	22.30
3	1	LOW	64QAM	21.19	20.91	21.02	22.30
		MID	64QAM	21.06	21.20	21.14	22.30
		HIGH	64QAM	21.33	21.16	21.30	21.30
	8	LOW	64QAM	19.91	20.11	19.80	21.30
		MID	64QAM	20.46	20.22	20.57	21.30
		HIGH	64QAM	20.52	20.46	20.33	21.30
	15	LOW	64QAM	20.23	20.18	20.14	21.30

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	21.93	22.10	22.11	23.30
		MID	QPSK	21.95	22.10	22.20	23.30
		HIGH	QPSK	21.98	22.05	22.03	23.30
	12	LOW	QPSK	21.93	22.01	22.17	23.30
		MID	QPSK	22.03	21.97	22.20	23.30
		HIGH	QPSK	22.24	22.15	22.12	23.30
	25	LOW	QPSK	22.29	22.19	22.08	23.30
5	1	LOW	Q16	22.07	22.07	22.59	23.30
		MID	Q16	22.36	22.04	22.53	23.30
		HIGH	Q16	22.24	22.02	22.53	22.30
	12	LOW	Q16	21.21	21.17	21.00	22.30
		MID	Q16	21.20	21.06	21.02	22.30
		HIGH	Q16	21.36	21.21	21.13	22.30
	25	LOW	Q16	21.19	21.27	21.12	22.30
5	1	LOW	64QAM	21.04	20.85	20.96	22.30
		MID	64QAM	20.95	21.03	21.00	22.30
		HIGH	64QAM	21.20	20.97	21.01	21.30
	12	LOW	64QAM	20.11	20.23	19.87	21.30
		MID	64QAM	20.37	20.28	20.54	21.30
		HIGH	64QAM	20.63	20.23	20.33	21.30
	25	LOW	64QAM	20.20	20.23	20.13	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.08	22.00	22.10	23.30
		MID	QPSK	22.09	22.13	22.16	23.30
		HIGH	QPSK	22.12	22.10	22.08	23.30
	25	LOW	QPSK	22.06	22.12	22.07	23.30
		MID	QPSK	22.11	22.12	22.12	23.30
		HIGH	QPSK	22.14	22.16	22.07	23.30
	50	LOW	QPSK	22.16	22.15	22.12	23.30
10	1	LOW	Q16	22.18	21.97	22.52	23.30
		MID	Q16	22.22	22.10	22.55	23.30
		HIGH	Q16	22.28	22.02	22.52	23.30
	25	LOW	Q16	21.15	21.10	21.12	22.30
		MID	Q16	21.21	21.12	21.16	22.30
		HIGH	Q16	21.22	21.19	21.07	22.30
	50	LOW	Q16	21.15	21.12	21.10	22.30
10	1	LOW	64QAM	21.10	20.96	21.06	22.30
		MID	64QAM	21.04	21.17	20.99	22.30
		HIGH	64QAM	21.29	21.09	21.15	22.30
	25	LOW	64QAM	20.02	20.15	19.83	21.30
		MID	64QAM	20.48	20.29	20.47	21.30
		HIGH	64QAM	20.52	20.33	20.22	21.30
	50	LOW	64QAM	20.16	20.27	20.28	21.30

LTE B12-Level1 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.06	23.25	24.30
		MID	QPSK	23.15	23.11	23.32	24.30
		HIGH	QPSK	23.07	23.23	23.08	24.30
	3	LOW	QPSK	23.01	23.12	23.27	24.30
		MID	QPSK	23.11	22.99	23.22	24.30
		HIGH	QPSK	23.20	23.27	23.04	24.30
6	LOW	QPSK	21.98	22.20	22.00	23.30	
1.4	1	LOW	Q16	22.21	21.96	22.45	23.30
		MID	Q16	22.16	21.97	22.54	23.30
		HIGH	Q16	22.26	21.97	22.38	23.30
	3	LOW	Q16	22.08	21.81	22.41	23.30
		MID	Q16	22.29	22.01	22.39	23.30
		HIGH	Q16	22.15	22.10	22.31	23.30
6	LOW	Q16	21.02	20.96	21.19	22.30	
1.4	1	LOW	64QAM	21.13	20.93	20.87	22.30
		MID	64QAM	21.27	21.06	21.16	22.30
		HIGH	64QAM	21.34	21.03	21.07	22.30
	3	LOW	64QAM	21.01	20.98	20.82	22.30
		MID	64QAM	21.40	21.12	21.27	22.30
		HIGH	64QAM	21.43	21.08	21.09	22.30
6	LOW	64QAM	20.25	20.15	20.35	21.30	
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.04	23.02	24.30
		MID	QPSK	23.20	23.02	23.12	24.30
		HIGH	QPSK	23.10	23.04	23.09	24.30
	8	LOW	QPSK	22.04	21.98	22.25	23.30
		MID	QPSK	22.16	22.02	22.08	23.30
		HIGH	QPSK	22.09	22.25	21.94	23.30
15	LOW	QPSK	22.04	22.02	22.10	23.30	
3	1	LOW	Q16	22.25	22.05	22.62	23.30
		MID	Q16	22.37	22.03	22.54	23.30
		HIGH	Q16	22.30	21.91	22.53	23.30
	8	LOW	Q16	21.28	21.14	21.15	22.30
		MID	Q16	21.10	21.28	20.98	22.30
		HIGH	Q16	21.31	21.19	21.17	22.30
15	LOW	Q16	20.95	21.14	20.91	22.30	
3	1	LOW	64QAM	21.26	21.11	20.91	22.30
		MID	64QAM	21.21	21.23	21.03	22.30
		HIGH	64QAM	21.35	21.22	20.97	22.30
	8	LOW	64QAM	20.02	19.97	20.10	21.30
		MID	64QAM	20.27	20.14	20.53	21.30
		HIGH	64QAM	20.38	20.11	20.11	21.30
15	LOW	64QAM	20.24	20.33	20.12	21.30	

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.88	23.09	24.30
		MID	QPSK	23.01	23.00	23.24	24.30
		HIGH	QPSK	23.07	23.10	23.12	24.30
	12	LOW	QPSK	22.05	22.08	22.02	23.30
		MID	QPSK	22.03	22.18	22.24	23.30
		HIGH	QPSK	22.09	22.25	22.05	23.30
	25	LOW	QPSK	22.09	22.19	22.07	23.30
5	1	LOW	Q16	22.01	21.96	22.41	23.30
		MID	Q16	22.24	21.97	22.46	23.30
		HIGH	Q16	22.30	21.88	22.55	23.30
	12	LOW	Q16	21.29	21.16	21.08	22.30
		MID	Q16	21.24	21.07	21.16	22.30
		HIGH	Q16	21.16	21.04	21.21	22.30
	25	LOW	Q16	21.05	21.14	21.18	22.30
5	1	LOW	64QAM	21.13	20.99	20.87	22.30
		MID	64QAM	21.16	21.29	21.14	22.30
		HIGH	64QAM	21.36	21.26	20.94	22.30
	12	LOW	64QAM	20.11	20.24	19.82	21.30
		MID	64QAM	20.34	20.41	20.54	21.30
		HIGH	64QAM	20.43	20.10	20.15	21.30
	25	LOW	64QAM	20.14	20.10	20.31	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.10	24.30
		MID	QPSK	23.11	23.13	23.18	24.30
		HIGH	QPSK	23.15	23.13	23.10	24.30
	25	LOW	QPSK	22.05	22.09	22.11	23.30
		MID	QPSK	22.08	22.10	22.11	23.30
		HIGH	QPSK	22.12	22.12	22.08	23.30
50	LOW	QPSK	22.13	22.14	22.10	23.30	
10	1	LOW	Q16	22.15	21.97	22.50	23.30
		MID	Q16	22.23	22.05	22.54	23.30
		HIGH	Q16	22.19	22.00	22.52	23.30
	25	LOW	Q16	21.16	21.10	21.13	22.30
		MID	Q16	21.16	21.17	21.13	22.30
		HIGH	Q16	21.21	21.17	21.09	22.30
50	LOW	Q16	21.10	21.11	21.06	22.30	
10	1	LOW	64QAM	21.14	21.02	20.95	22.30
		MID	64QAM	21.12	21.17	21.10	22.30
		HIGH	64QAM	21.21	21.15	21.03	22.30
	25	LOW	64QAM	19.96	20.11	19.97	21.30
		MID	64QAM	20.35	20.26	20.41	21.30
		HIGH	64QAM	20.37	20.22	20.14	21.30
	50	LOW	64QAM	20.15	20.24	20.20	21.30

LTE B12-Level2&3 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.89	19.91	20.06	21.30
		MID	QPSK	20.11	20.03	20.08	21.30
		HIGH	QPSK	20.13	19.91	20.09	21.30
	3	LOW	QPSK	19.98	20.05	20.11	21.30
		MID	QPSK	19.86	19.99	20.10	21.30
		HIGH	QPSK	20.08	19.92	19.86	21.30
	6	LOW	QPSK	19.97	19.96	20.17	21.30
1.4	1	LOW	Q16	20.00	19.82	20.30	21.30
		MID	Q16	20.13	20.03	20.31	21.30
		HIGH	Q16	20.13	19.97	20.40	21.30
	3	LOW	Q16	20.13	20.17	20.06	21.30
		MID	Q16	19.97	19.95	20.24	21.30
		HIGH	Q16	20.11	20.13	19.95	21.30
	6	LOW	Q16	20.19	20.11	20.18	21.30
1.4	1	LOW	64QAM	19.95	19.75	20.21	21.30
		MID	64QAM	20.03	19.93	20.12	21.30
		HIGH	64QAM	20.10	19.95	20.00	21.30
	3	LOW	64QAM	19.97	20.05	20.09	21.30
		MID	64QAM	19.95	19.90	19.76	21.30
		HIGH	64QAM	20.03	19.97	19.88	21.30
	6	LOW	64QAM	20.01	20.07	19.86	21.30
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	19.87	19.85	20.18	21.30
		MID	QPSK	20.11	19.86	19.99	21.30
		HIGH	QPSK	20.20	20.02	19.98	21.30
	8	LOW	QPSK	19.92	19.84	19.94	21.30
		MID	QPSK	19.99	20.10	19.95	21.30
		HIGH	QPSK	19.97	19.92	19.99	21.30
	15	LOW	QPSK	20.09	19.93	20.16	21.30
3	1	LOW	Q16	20.04	19.82	20.27	21.30
		MID	Q16	20.13	20.05	20.44	21.30
		HIGH	Q16	20.12	20.06	20.36	21.30
	8	LOW	Q16	20.06	19.94	20.05	21.30
		MID	Q16	20.24	20.13	19.97	21.30
		HIGH	Q16	20.20	19.97	19.86	21.30
	15	LOW	Q16	19.93	20.03	19.92	21.30
3	1	LOW	64QAM	19.85	19.86	20.24	21.30
		MID	64QAM	19.88	20.03	19.98	21.30
		HIGH	64QAM	20.18	19.86	19.80	21.30
	8	LOW	64QAM	20.10	20.05	20.29	21.30
		MID	64QAM	19.90	19.91	19.74	21.30
		HIGH	64QAM	19.95	20.23	19.79	21.30
	15	LOW	64QAM	20.09	20.21	19.84	21.30

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	20.16	19.81	20.02	21.30
		MID	QPSK	19.91	19.84	20.19	21.30
		HIGH	QPSK	19.99	19.97	20.07	21.30
	12	LOW	QPSK	20.08	19.97	19.90	21.30
		MID	QPSK	20.11	20.19	19.89	21.30
		HIGH	QPSK	19.96	20.14	19.88	21.30
	25	LOW	QPSK	20.20	20.10	19.90	21.30
5	1	LOW	Q16	20.04	19.78	20.32	21.30
		MID	Q16	20.08	19.92	20.28	21.30
		HIGH	Q16	20.22	20.00	20.46	21.30
	12	LOW	Q16	20.08	20.02	20.02	21.30
		MID	Q16	20.09	19.98	20.08	21.30
		HIGH	Q16	20.28	20.05	20.00	21.30
	25	LOW	Q16	20.12	19.98	20.10	21.30
5	1	LOW	64QAM	19.79	19.83	20.24	21.30
		MID	64QAM	20.02	20.06	19.95	21.30
		HIGH	64QAM	20.11	20.01	19.95	21.30
	12	LOW	64QAM	20.02	19.87	20.13	21.30
		MID	64QAM	19.86	19.98	20.04	21.30
		HIGH	64QAM	20.16	20.15	19.87	21.30
	25	LOW	64QAM	19.99	20.20	19.85	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	20.01	19.83	20.07	21.30
		MID	QPSK	20.04	19.96	20.09	21.30
		HIGH	QPSK	20.07	19.91	20.06	21.30
	25	LOW	QPSK	19.95	19.98	20.01	21.30
		MID	QPSK	19.98	20.05	20.03	21.30
		HIGH	QPSK	20.01	20.05	19.97	21.30
50	LOW	QPSK	20.05	20.01	20.02	21.30	
10	1	LOW	Q16	20.00	19.92	20.38	21.30
		MID	Q16	20.08	20.03	20.41	21.30
		HIGH	Q16	20.07	19.97	20.37	21.30
	25	LOW	Q16	20.10	20.02	20.06	21.30
		MID	Q16	20.11	20.08	20.10	21.30
		HIGH	Q16	20.16	20.11	19.98	21.30
	50	LOW	Q16	20.06	20.03	20.03	21.30
10	1	LOW	64QAM	19.90	19.86	20.17	21.30
		MID	64QAM	19.89	19.92	20.09	21.30
		HIGH	64QAM	20.08	19.95	19.91	21.30
	25	LOW	64QAM	20.06	19.93	20.15	21.30
		MID	64QAM	19.85	20.03	19.89	21.30
		HIGH	64QAM	20.04	20.10	19.89	21.30
	50	LOW	64QAM	20.10	20.12	19.90	21.30

LTE B12-Level2&3 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.06	23.25	24.30
		MID	QPSK	23.15	23.11	23.32	24.30
		HIGH	QPSK	23.07	23.23	23.08	24.30
	3	LOW	QPSK	23.01	23.12	23.27	24.30
		MID	QPSK	23.11	22.99	23.22	24.30
		HIGH	QPSK	23.20	23.27	23.04	24.30
6	LOW	QPSK	21.98	22.20	22.00	23.30	
1.4	1	LOW	Q16	22.21	21.96	22.45	23.30
		MID	Q16	22.16	21.97	22.54	23.30
		HIGH	Q16	22.26	21.97	22.38	23.30
	3	LOW	Q16	22.08	21.81	22.41	23.30
		MID	Q16	22.29	22.01	22.39	23.30
		HIGH	Q16	22.15	22.10	22.31	23.30
6	LOW	Q16	21.02	20.96	21.19	22.30	
1.4	1	LOW	64QAM	21.13	20.93	20.87	22.30
		MID	64QAM	21.27	21.06	21.16	22.30
		HIGH	64QAM	21.34	21.03	21.07	22.30
	3	LOW	64QAM	21.01	20.98	20.82	22.30
		MID	64QAM	21.40	21.12	21.27	22.30
		HIGH	64QAM	21.43	21.08	21.09	22.30
6	LOW	64QAM	20.25	20.15	20.35	21.30	
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.04	23.02	24.30
		MID	QPSK	23.20	23.02	23.12	24.30
		HIGH	QPSK	23.10	23.04	23.09	24.30
	8	LOW	QPSK	22.04	21.98	22.25	23.30
		MID	QPSK	22.16	22.02	22.08	23.30
		HIGH	QPSK	22.09	22.25	21.94	23.30
15	LOW	QPSK	22.04	22.02	22.10	23.30	
3	1	LOW	Q16	22.25	22.05	22.62	23.30
		MID	Q16	22.37	22.03	22.54	23.30
		HIGH	Q16	22.30	21.91	22.53	23.30
	8	LOW	Q16	21.28	21.14	21.15	22.30
		MID	Q16	21.10	21.28	20.98	22.30
		HIGH	Q16	21.31	21.19	21.17	22.30
15	LOW	Q16	20.95	21.14	20.91	22.30	
3	1	LOW	64QAM	21.26	21.11	20.91	22.30
		MID	64QAM	21.21	21.23	21.03	22.30
		HIGH	64QAM	21.35	21.22	20.97	22.30
	8	LOW	64QAM	20.02	19.97	20.10	21.30
		MID	64QAM	20.27	20.14	20.53	21.30
		HIGH	64QAM	20.38	20.11	20.11	21.30
15	LOW	64QAM	20.24	20.33	20.12	21.30	

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.88	23.09	24.30
		MID	QPSK	23.01	23.00	23.24	24.30
		HIGH	QPSK	23.07	23.10	23.12	24.30
	12	LOW	QPSK	22.05	22.08	22.02	23.30
		MID	QPSK	22.03	22.18	22.24	23.30
		HIGH	QPSK	22.09	22.25	22.05	23.30
	25	LOW	QPSK	22.09	22.19	22.07	23.30
5	1	LOW	Q16	22.01	21.96	22.41	23.30
		MID	Q16	22.24	21.97	22.46	23.30
		HIGH	Q16	22.30	21.88	22.55	23.30
	12	LOW	Q16	21.29	21.16	21.08	22.30
		MID	Q16	21.24	21.07	21.16	22.30
		HIGH	Q16	21.16	21.04	21.21	22.30
	25	LOW	Q16	21.05	21.14	21.18	22.30
5	1	LOW	64QAM	21.13	20.99	20.87	22.30
		MID	64QAM	21.16	21.29	21.14	22.30
		HIGH	64QAM	21.36	21.26	20.94	22.30
	12	LOW	64QAM	20.11	20.24	19.82	21.30
		MID	64QAM	20.34	20.41	20.54	21.30
		HIGH	64QAM	20.43	20.10	20.15	21.30
	25	LOW	64QAM	20.14	20.10	20.31	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.10	24.30
		MID	QPSK	23.11	23.13	23.18	24.30
		HIGH	QPSK	23.15	23.13	23.10	24.30
	25	LOW	QPSK	22.05	22.09	22.11	23.30
		MID	QPSK	22.08	22.10	22.11	23.30
		HIGH	QPSK	22.12	22.12	22.08	23.30
50	LOW	QPSK	22.13	22.14	22.10	23.30	
10	1	LOW	Q16	22.15	21.97	22.50	23.30
		MID	Q16	22.23	22.05	22.54	23.30
		HIGH	Q16	22.19	22.00	22.52	23.30
	25	LOW	Q16	21.16	21.10	21.13	22.30
		MID	Q16	21.16	21.17	21.13	22.30
		HIGH	Q16	21.21	21.17	21.09	22.30
	50	LOW	Q16	21.10	21.11	21.06	22.30
10	1	LOW	64QAM	21.14	21.02	20.95	22.30
		MID	64QAM	21.12	21.17	21.10	22.30
		HIGH	64QAM	21.21	21.15	21.03	22.30
	25	LOW	64QAM	19.96	20.11	19.97	21.30
		MID	64QAM	20.35	20.26	20.41	21.30
		HIGH	64QAM	20.37	20.22	20.14	21.30
	50	LOW	64QAM	20.15	20.24	20.20	21.30

LTE B12-Level4 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.06	23.25	24.30
		MID	QPSK	23.15	23.11	23.32	24.30
		HIGH	QPSK	23.07	23.23	23.08	24.30
	3	LOW	QPSK	23.01	23.12	23.27	24.30
		MID	QPSK	23.11	22.99	23.22	24.30
		HIGH	QPSK	23.20	23.27	23.04	24.30
6	LOW	QPSK	21.98	22.20	22.00	23.30	
1.4	1	LOW	Q16	22.21	21.96	22.45	23.30
		MID	Q16	22.16	21.97	22.54	23.30
		HIGH	Q16	22.26	21.97	22.38	23.30
	3	LOW	Q16	22.08	21.81	22.41	23.30
		MID	Q16	22.29	22.01	22.39	23.30
		HIGH	Q16	22.15	22.10	22.31	23.30
6	LOW	Q16	21.02	20.96	21.19	22.30	
1.4	1	LOW	64QAM	21.13	20.93	20.87	22.30
		MID	64QAM	21.27	21.06	21.16	22.30
		HIGH	64QAM	21.34	21.03	21.07	22.30
	3	LOW	64QAM	21.01	20.98	20.82	22.30
		MID	64QAM	21.40	21.12	21.27	22.30
		HIGH	64QAM	21.43	21.08	21.09	22.30
6	LOW	64QAM	20.25	20.15	20.35	21.30	
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.04	23.02	24.30
		MID	QPSK	23.20	23.02	23.12	24.30
		HIGH	QPSK	23.10	23.04	23.09	24.30
	8	LOW	QPSK	22.04	21.98	22.25	23.30
		MID	QPSK	22.16	22.02	22.08	23.30
		HIGH	QPSK	22.09	22.25	21.94	23.30
15	LOW	QPSK	22.04	22.02	22.10	23.30	
3	1	LOW	Q16	22.25	22.05	22.62	23.30
		MID	Q16	22.37	22.03	22.54	23.30
		HIGH	Q16	22.30	21.91	22.53	23.30
	8	LOW	Q16	21.28	21.14	21.15	22.30
		MID	Q16	21.10	21.28	20.98	22.30
		HIGH	Q16	21.31	21.19	21.17	22.30
15	LOW	Q16	20.95	21.14	20.91	22.30	
3	1	LOW	64QAM	21.26	21.11	20.91	22.30
		MID	64QAM	21.21	21.23	21.03	22.30
		HIGH	64QAM	21.35	21.22	20.97	22.30
	8	LOW	64QAM	20.02	19.97	20.10	21.30
		MID	64QAM	20.27	20.14	20.53	21.30
		HIGH	64QAM	20.38	20.11	20.11	21.30
15	LOW	64QAM	20.24	20.33	20.12	21.30	

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.88	23.09	24.30
		MID	QPSK	23.01	23.00	23.24	24.30
		HIGH	QPSK	23.07	23.10	23.12	24.30
	12	LOW	QPSK	22.05	22.08	22.02	23.30
		MID	QPSK	22.03	22.18	22.24	23.30
		HIGH	QPSK	22.09	22.25	22.05	23.30
	25	LOW	QPSK	22.09	22.19	22.07	23.30
5	1	LOW	Q16	22.01	21.96	22.41	23.30
		MID	Q16	22.24	21.97	22.46	23.30
		HIGH	Q16	22.30	21.88	22.55	23.30
	12	LOW	Q16	21.29	21.16	21.08	22.30
		MID	Q16	21.24	21.07	21.16	22.30
		HIGH	Q16	21.16	21.04	21.21	22.30
	25	LOW	Q16	21.05	21.14	21.18	22.30
5	1	LOW	64QAM	21.13	20.99	20.87	22.30
		MID	64QAM	21.16	21.29	21.14	22.30
		HIGH	64QAM	21.36	21.26	20.94	22.30
	12	LOW	64QAM	20.11	20.24	19.82	21.30
		MID	64QAM	20.34	20.41	20.54	21.30
		HIGH	64QAM	20.43	20.10	20.15	21.30
	25	LOW	64QAM	20.14	20.10	20.31	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.10	24.30
		MID	QPSK	23.11	23.13	23.18	24.30
		HIGH	QPSK	23.15	23.13	23.10	24.30
	25	LOW	QPSK	22.05	22.09	22.11	23.30
		MID	QPSK	22.08	22.10	22.11	23.30
		HIGH	QPSK	22.12	22.12	22.08	23.30
	50	LOW	QPSK	22.13	22.14	22.10	23.30
10	1	LOW	Q16	22.15	21.97	22.50	23.30
		MID	Q16	22.23	22.05	22.54	23.30
		HIGH	Q16	22.19	22.00	22.52	23.30
	25	LOW	Q16	21.16	21.10	21.13	22.30
		MID	Q16	21.16	21.17	21.13	22.30
		HIGH	Q16	21.21	21.17	21.09	22.30
	50	LOW	Q16	21.10	21.11	21.06	22.30
10	1	LOW	64QAM	21.14	21.02	20.95	22.30
		MID	64QAM	21.12	21.17	21.10	22.30
		HIGH	64QAM	21.21	21.15	21.03	22.30
	25	LOW	64QAM	19.96	20.11	19.97	21.30
		MID	64QAM	20.35	20.26	20.41	21.30
		HIGH	64QAM	20.37	20.22	20.14	21.30
	50	LOW	64QAM	20.15	20.24	20.20	21.30

LTE B12-Level4 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.06	23.25	24.30
		MID	QPSK	23.15	23.11	23.32	24.30
		HIGH	QPSK	23.07	23.23	23.08	24.30
	3	LOW	QPSK	23.01	23.12	23.27	24.30
		MID	QPSK	23.11	22.99	23.22	24.30
		HIGH	QPSK	23.20	23.27	23.04	24.30
1.4	1	LOW	QPSK	21.98	22.20	22.00	23.30
		MID	Q16	22.21	21.96	22.45	23.30
		HIGH	Q16	22.16	21.97	22.54	23.30
	3	LOW	Q16	22.26	21.97	22.38	23.30
		MID	Q16	22.08	21.81	22.41	23.30
		HIGH	Q16	22.29	22.01	22.39	23.30
1.4	1	LOW	Q16	22.15	22.10	22.31	23.30
		MID	Q16	21.02	20.96	21.19	22.30
		HIGH	Q16	21.02	20.96	21.19	22.30
	3	LOW	64QAM	21.13	20.93	20.87	22.30
		MID	64QAM	21.27	21.06	21.16	22.30
		HIGH	64QAM	21.34	21.03	21.07	22.30
1.4	1	LOW	64QAM	21.43	21.08	21.09	22.30
		MID	64QAM	21.01	20.98	20.82	22.30
		HIGH	64QAM	21.40	21.12	21.27	22.30
	3	LOW	64QAM	21.43	21.08	21.09	22.30
		MID	64QAM	20.25	20.15	20.35	21.30
		HIGH	64QAM	20.25	20.15	20.35	21.30
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.04	23.02	24.30
		MID	QPSK	23.20	23.02	23.12	24.30
		HIGH	QPSK	23.10	23.04	23.09	24.30
	8	LOW	QPSK	22.04	21.98	22.25	23.30
		MID	QPSK	22.16	22.02	22.08	23.30
		HIGH	QPSK	22.09	22.25	21.94	23.30
3	1	LOW	QPSK	22.04	22.02	22.10	23.30
		MID	Q16	22.25	22.05	22.62	23.30
		HIGH	Q16	22.37	22.03	22.54	23.30
	8	LOW	Q16	22.30	21.91	22.53	23.30
		MID	Q16	21.28	21.14	21.15	22.30
		HIGH	Q16	21.10	21.28	20.98	22.30
3	1	LOW	Q16	21.31	21.19	21.17	22.30
		MID	Q16	20.95	21.14	20.91	22.30
		HIGH	Q16	20.95	21.14	20.91	22.30
	8	LOW	64QAM	21.26	21.11	20.91	22.30
		MID	64QAM	21.21	21.23	21.03	22.30
		HIGH	64QAM	21.35	21.22	20.97	22.30
3	1	LOW	64QAM	20.02	19.97	20.10	21.30
		MID	64QAM	20.27	20.14	20.53	21.30
		HIGH	64QAM	20.38	20.11	20.11	21.30
	8	LOW	64QAM	20.24	20.33	20.12	21.30
		MID	64QAM	20.24	20.33	20.12	21.30
		HIGH	64QAM	20.24	20.33	20.12	21.30

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.88	23.09	24.30
		MID	QPSK	23.01	23.00	23.24	24.30
		HIGH	QPSK	23.07	23.10	23.12	24.30
	12	LOW	QPSK	22.05	22.08	22.02	23.30
		MID	QPSK	22.03	22.18	22.24	23.30
		HIGH	QPSK	22.09	22.25	22.05	23.30
	25	LOW	QPSK	22.09	22.19	22.07	23.30
5	1	LOW	Q16	22.01	21.96	22.41	23.30
		MID	Q16	22.24	21.97	22.46	23.30
		HIGH	Q16	22.30	21.88	22.55	23.30
	12	LOW	Q16	21.29	21.16	21.08	22.30
		MID	Q16	21.24	21.07	21.16	22.30
		HIGH	Q16	21.16	21.04	21.21	22.30
	25	LOW	Q16	21.05	21.14	21.18	22.30
5	1	LOW	64QAM	21.13	20.99	20.87	22.30
		MID	64QAM	21.16	21.29	21.14	22.30
		HIGH	64QAM	21.36	21.26	20.94	22.30
	12	LOW	64QAM	20.11	20.24	19.82	21.30
		MID	64QAM	20.34	20.41	20.54	21.30
		HIGH	64QAM	20.43	20.10	20.15	21.30
	25	LOW	64QAM	20.14	20.10	20.31	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.10	24.30
		MID	QPSK	23.11	23.13	23.18	24.30
		HIGH	QPSK	23.15	23.13	23.10	24.30
	25	LOW	QPSK	22.05	22.09	22.11	23.30
		MID	QPSK	22.08	22.10	22.11	23.30
		HIGH	QPSK	22.12	22.12	22.08	23.30
50	LOW	QPSK	22.13	22.14	22.10	23.30	
10	1	LOW	Q16	22.15	21.97	22.50	23.30
		MID	Q16	22.23	22.05	22.54	23.30
		HIGH	Q16	22.19	22.00	22.52	23.30
	25	LOW	Q16	21.16	21.10	21.13	22.30
		MID	Q16	21.16	21.17	21.13	22.30
		HIGH	Q16	21.21	21.17	21.09	22.30
	50	LOW	Q16	21.10	21.11	21.06	22.30
10	1	LOW	64QAM	21.14	21.02	20.95	22.30
		MID	64QAM	21.12	21.17	21.10	22.30
		HIGH	64QAM	21.21	21.15	21.03	22.30
	25	LOW	64QAM	19.96	20.11	19.97	21.30
		MID	64QAM	20.35	20.26	20.41	21.30
		HIGH	64QAM	20.37	20.22	20.14	21.30
	50	LOW	64QAM	20.15	20.24	20.20	21.30

LTE B12-Level5&6 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.06	23.25	24.30
		MID	QPSK	23.15	23.11	23.32	24.30
		HIGH	QPSK	23.07	23.23	23.08	24.30
	3	LOW	QPSK	23.01	23.12	23.27	24.30
		MID	QPSK	23.11	22.99	23.22	24.30
		HIGH	QPSK	23.20	23.27	23.04	24.30
6	LOW	QPSK	21.98	22.20	22.00	23.30	
1.4	1	LOW	Q16	22.21	21.96	22.45	23.30
		MID	Q16	22.16	21.97	22.54	23.30
		HIGH	Q16	22.26	21.97	22.38	23.30
	3	LOW	Q16	22.08	21.81	22.41	23.30
		MID	Q16	22.29	22.01	22.39	23.30
		HIGH	Q16	22.15	22.10	22.31	23.30
6	LOW	Q16	21.02	20.96	21.19	22.30	
1.4	1	LOW	64QAM	21.13	20.93	20.87	22.30
		MID	64QAM	21.27	21.06	21.16	22.30
		HIGH	64QAM	21.34	21.03	21.07	22.30
	3	LOW	64QAM	21.01	20.98	20.82	22.30
		MID	64QAM	21.40	21.12	21.27	22.30
		HIGH	64QAM	21.43	21.08	21.09	22.30
6	LOW	64QAM	20.25	20.15	20.35	21.30	
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.04	23.02	24.30
		MID	QPSK	23.20	23.02	23.12	24.30
		HIGH	QPSK	23.10	23.04	23.09	24.30
	8	LOW	QPSK	22.04	21.98	22.25	23.30
		MID	QPSK	22.16	22.02	22.08	23.30
		HIGH	QPSK	22.09	22.25	21.94	23.30
15	LOW	QPSK	22.04	22.02	22.10	23.30	
3	1	LOW	Q16	22.25	22.05	22.62	23.30
		MID	Q16	22.37	22.03	22.54	23.30
		HIGH	Q16	22.30	21.91	22.53	23.30
	8	LOW	Q16	21.28	21.14	21.15	22.30
		MID	Q16	21.10	21.28	20.98	22.30
		HIGH	Q16	21.31	21.19	21.17	22.30
15	LOW	Q16	20.95	21.14	20.91	22.30	
3	1	LOW	64QAM	21.26	21.11	20.91	22.30
		MID	64QAM	21.21	21.23	21.03	22.30
		HIGH	64QAM	21.35	21.22	20.97	22.30
	8	LOW	64QAM	20.02	19.97	20.10	21.30
		MID	64QAM	20.27	20.14	20.53	21.30
		HIGH	64QAM	20.38	20.11	20.11	21.30
15	LOW	64QAM	20.24	20.33	20.12	21.30	

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.88	23.09	24.30
		MID	QPSK	23.01	23.00	23.24	24.30
		HIGH	QPSK	23.07	23.10	23.12	24.30
	12	LOW	QPSK	22.05	22.08	22.02	23.30
		MID	QPSK	22.03	22.18	22.24	23.30
		HIGH	QPSK	22.09	22.25	22.05	23.30
	25	LOW	QPSK	22.09	22.19	22.07	23.30
5	1	LOW	Q16	22.01	21.96	22.41	23.30
		MID	Q16	22.24	21.97	22.46	23.30
		HIGH	Q16	22.30	21.88	22.55	23.30
	12	LOW	Q16	21.29	21.16	21.08	22.30
		MID	Q16	21.24	21.07	21.16	22.30
		HIGH	Q16	21.16	21.04	21.21	22.30
	25	LOW	Q16	21.05	21.14	21.18	22.30
5	1	LOW	64QAM	21.13	20.99	20.87	22.30
		MID	64QAM	21.16	21.29	21.14	22.30
		HIGH	64QAM	21.36	21.26	20.94	22.30
	12	LOW	64QAM	20.11	20.24	19.82	21.30
		MID	64QAM	20.34	20.41	20.54	21.30
		HIGH	64QAM	20.43	20.10	20.15	21.30
	25	LOW	64QAM	20.14	20.10	20.31	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.10	24.30
		MID	QPSK	23.11	23.13	23.18	24.30
		HIGH	QPSK	23.15	23.13	23.10	24.30
	25	LOW	QPSK	22.05	22.09	22.11	23.30
		MID	QPSK	22.08	22.10	22.11	23.30
		HIGH	QPSK	22.12	22.12	22.08	23.30
50	LOW	QPSK	22.13	22.14	22.10	23.30	
10	1	LOW	Q16	22.15	21.97	22.50	23.30
		MID	Q16	22.23	22.05	22.54	23.30
		HIGH	Q16	22.19	22.00	22.52	23.30
	25	LOW	Q16	21.16	21.10	21.13	22.30
		MID	Q16	21.16	21.17	21.13	22.30
		HIGH	Q16	21.21	21.17	21.09	22.30
	50	LOW	Q16	21.10	21.11	21.06	22.30
10	1	LOW	64QAM	21.14	21.02	20.95	22.30
		MID	64QAM	21.12	21.17	21.10	22.30
		HIGH	64QAM	21.21	21.15	21.03	22.30
	25	LOW	64QAM	19.96	20.11	19.97	21.30
		MID	64QAM	20.35	20.26	20.41	21.30
		HIGH	64QAM	20.37	20.22	20.14	21.30
	50	LOW	64QAM	20.15	20.24	20.20	21.30

LTE B12-Level5&6 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.06	23.25	24.30
		MID	QPSK	23.15	23.11	23.32	24.30
		HIGH	QPSK	23.07	23.23	23.08	24.30
	3	LOW	QPSK	23.01	23.12	23.27	24.30
		MID	QPSK	23.11	22.99	23.22	24.30
		HIGH	QPSK	23.20	23.27	23.04	24.30
6	LOW	QPSK	21.98	22.20	22.00	23.30	
1.4	1	LOW	Q16	22.21	21.96	22.45	23.30
		MID	Q16	22.16	21.97	22.54	23.30
		HIGH	Q16	22.26	21.97	22.38	23.30
	3	LOW	Q16	22.08	21.81	22.41	23.30
		MID	Q16	22.29	22.01	22.39	23.30
		HIGH	Q16	22.15	22.10	22.31	23.30
6	LOW	Q16	21.02	20.96	21.19	22.30	
1.4	1	LOW	64QAM	21.13	20.93	20.87	22.30
		MID	64QAM	21.27	21.06	21.16	22.30
		HIGH	64QAM	21.34	21.03	21.07	22.30
	3	LOW	64QAM	21.01	20.98	20.82	22.30
		MID	64QAM	21.40	21.12	21.27	22.30
		HIGH	64QAM	21.43	21.08	21.09	22.30
6	LOW	64QAM	20.25	20.15	20.35	21.30	
Bandwidth	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.04	23.02	24.30
		MID	QPSK	23.20	23.02	23.12	24.30
		HIGH	QPSK	23.10	23.04	23.09	24.30
	8	LOW	QPSK	22.04	21.98	22.25	23.30
		MID	QPSK	22.16	22.02	22.08	23.30
		HIGH	QPSK	22.09	22.25	21.94	23.30
15	LOW	QPSK	22.04	22.02	22.10	23.30	
3	1	LOW	Q16	22.25	22.05	22.62	23.30
		MID	Q16	22.37	22.03	22.54	23.30
		HIGH	Q16	22.30	21.91	22.53	23.30
	8	LOW	Q16	21.28	21.14	21.15	22.30
		MID	Q16	21.10	21.28	20.98	22.30
		HIGH	Q16	21.31	21.19	21.17	22.30
15	LOW	Q16	20.95	21.14	20.91	22.30	
3	1	LOW	64QAM	21.26	21.11	20.91	22.30
		MID	64QAM	21.21	21.23	21.03	22.30
		HIGH	64QAM	21.35	21.22	20.97	22.30
	8	LOW	64QAM	20.02	19.97	20.10	21.30
		MID	64QAM	20.27	20.14	20.53	21.30
		HIGH	64QAM	20.38	20.11	20.11	21.30
15	LOW	64QAM	20.24	20.33	20.12	21.30	

Bandwidth	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.97	22.88	23.09	24.30
		MID	QPSK	23.01	23.00	23.24	24.30
		HIGH	QPSK	23.07	23.10	23.12	24.30
	12	LOW	QPSK	22.05	22.08	22.02	23.30
		MID	QPSK	22.03	22.18	22.24	23.30
		HIGH	QPSK	22.09	22.25	22.05	23.30
	25	LOW	QPSK	22.09	22.19	22.07	23.30
5	1	LOW	Q16	22.01	21.96	22.41	23.30
		MID	Q16	22.24	21.97	22.46	23.30
		HIGH	Q16	22.30	21.88	22.55	23.30
	12	LOW	Q16	21.29	21.16	21.08	22.30
		MID	Q16	21.24	21.07	21.16	22.30
		HIGH	Q16	21.16	21.04	21.21	22.30
	25	LOW	Q16	21.05	21.14	21.18	22.30
5	1	LOW	64QAM	21.13	20.99	20.87	22.30
		MID	64QAM	21.16	21.29	21.14	22.30
		HIGH	64QAM	21.36	21.26	20.94	22.30
	12	LOW	64QAM	20.11	20.24	19.82	21.30
		MID	64QAM	20.34	20.41	20.54	21.30
		HIGH	64QAM	20.43	20.10	20.15	21.30
	25	LOW	64QAM	20.14	20.10	20.31	21.30
Bandwidth	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.00	23.10	24.30
		MID	QPSK	23.11	23.13	23.18	24.30
		HIGH	QPSK	23.15	23.13	23.10	24.30
	25	LOW	QPSK	22.05	22.09	22.11	23.30
		MID	QPSK	22.08	22.10	22.11	23.30
		HIGH	QPSK	22.12	22.12	22.08	23.30
50	LOW	QPSK	22.13	22.14	22.10	23.30	
10	1	LOW	Q16	22.15	21.97	22.50	23.30
		MID	Q16	22.23	22.05	22.54	23.30
		HIGH	Q16	22.19	22.00	22.52	23.30
	25	LOW	Q16	21.16	21.10	21.13	22.30
		MID	Q16	21.16	21.17	21.13	22.30
		HIGH	Q16	21.21	21.17	21.09	22.30
	50	LOW	Q16	21.10	21.11	21.06	22.30
10	1	LOW	64QAM	21.14	21.02	20.95	22.30
		MID	64QAM	21.12	21.17	21.10	22.30
		HIGH	64QAM	21.21	21.15	21.03	22.30
	25	LOW	64QAM	19.96	20.11	19.97	21.30
		MID	64QAM	20.35	20.26	20.41	21.30
		HIGH	64QAM	20.37	20.22	20.14	21.30
	50	LOW	64QAM	20.15	20.24	20.20	21.30

8.3.6 LTE Band17 Output Power

LTE B17-Level1 -Ant.1								
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	22.09	22.05	22.23	23.30	
		MID	QPSK	22.14	22.34	22.27	23.30	
		HIGH	QPSK	22.14	22.01	22.06	23.30	
	12	LOW	QPSK	22.28	22.11	22.03	23.30	
		MID	QPSK	22.08	22.27	22.21	23.30	
		HIGH	QPSK	22.24	22.18	22.01	23.30	
	25	LOW	QPSK	22.24	22.04	22.17	23.30	
5	1	LOW	Q16	22.50	22.40	22.08	23.30	
		MID	Q16	22.45	22.22	22.01	23.30	
		HIGH	Q16	22.43	22.14	21.99	23.30	
	12	LOW	Q16	21.31	21.33	21.13	22.30	
		MID	Q16	21.08	21.29	21.26	22.30	
		HIGH	Q16	21.31	21.16	21.31	22.30	
	25	LOW	Q16	21.31	21.04	21.12	22.30	
5	1	LOW	64QAM	21.34	21.09	21.21	22.30	
		MID	64QAM	21.32	21.25	21.47	22.30	
		HIGH	64QAM	21.29	20.88	20.92	22.30	
	12	LOW	64QAM	20.15	19.91	20.00	21.30	
		MID	64QAM	19.93	20.10	20.15	21.30	
		HIGH	64QAM	20.23	20.29	20.13	21.30	
	25	LOW	64QAM	20.25	20.04	20.10	21.30	
Bandwidth	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)	
10	1	LOW	QPSK	22.08	22.14	22.18	23.30	
		MID	QPSK	22.20	22.21	22.27	23.30	
		HIGH	QPSK	22.14	22.16	22.21	23.30	
	25	LOW	QPSK	22.13	22.16	22.15	23.30	
		MID	QPSK	22.15	22.21	22.23	23.30	
		HIGH	QPSK	22.18	22.16	22.14	23.30	
10	1	LOW	Q16	22.52	22.25	22.11	23.30	
		MID	Q16	22.59	22.31	22.13	23.30	
		HIGH	Q16	22.57	22.29	22.10	23.30	
	25	LOW	Q16	21.16	21.25	21.17	22.30	
		MID	Q16	21.21	21.30	21.22	22.30	
		HIGH	Q16	21.21	21.26	21.16	22.30	
	50	LOW	Q16	21.18	21.16	21.16	22.30	
	10	1	LOW	64QAM	21.34	21.23	21.33	22.30
			MID	64QAM	21.25	21.22	21.32	22.30
			HIGH	64QAM	21.33	21.00	20.96	22.30
		25	LOW	64QAM	20.04	20.05	20.10	21.30
			MID	64QAM	20.06	20.19	20.14	21.30
			HIGH	64QAM	20.23	20.41	20.04	21.30
		50	LOW	64QAM	20.27	20.12	20.17	21.30

LTE B17-Level1 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.17	23.13	24.30
		MID	QPSK	23.23	23.10	23.09	24.30
		HIGH	QPSK	23.05	23.20	23.08	24.30
	12	LOW	QPSK	22.11	22.22	21.99	23.30
		MID	QPSK	22.13	22.34	22.30	23.30
		HIGH	QPSK	22.09	22.10	22.09	23.30
	25	LOW	QPSK	22.20	22.15	22.17	23.30
5	1	LOW	Q16	22.47	22.18	22.16	23.30
		MID	Q16	22.49	22.24	22.14	23.30
		HIGH	Q16	22.68	22.20	22.04	23.30
	12	LOW	Q16	21.08	21.17	21.31	22.30
		MID	Q16	21.32	21.19	21.26	22.30
		HIGH	Q16	21.25	21.27	21.27	22.30
	25	LOW	Q16	21.06	21.18	21.00	22.30
5	1	LOW	64QAM	21.36	21.21	21.34	22.30
		MID	64QAM	21.44	21.13	21.07	22.30
		HIGH	64QAM	21.12	21.07	21.08	22.30
	12	LOW	64QAM	20.12	20.07	20.19	21.30
		MID	64QAM	20.12	20.21	19.94	21.30
		HIGH	64QAM	20.10	20.28	20.20	21.30
	25	LOW	64QAM	20.21	20.15	20.08	21.30
Bandwidth	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.13	23.15	23.11	24.30
		MID	QPSK	23.26	23.22	23.23	24.30
		HIGH	QPSK	23.20	23.22	23.14	24.30
	25	LOW	QPSK	22.09	22.11	22.11	23.30
		MID	QPSK	22.17	22.20	22.20	23.30
		HIGH	QPSK	22.15	22.16	22.12	23.30
	50	LOW	QPSK	22.16	22.11	22.19	23.30
10	1	LOW	Q16	22.53	22.25	22.07	23.30
		MID	Q16	22.62	22.29	22.13	23.30
		HIGH	Q16	22.57	22.27	22.11	23.30
	25	LOW	Q16	21.18	21.24	21.18	22.30
		MID	Q16	21.23	21.29	21.20	22.30
		HIGH	Q16	21.17	21.20	21.13	22.30
	50	LOW	Q16	21.16	21.17	21.13	22.30
10	1	LOW	64QAM	21.23	21.35	21.32	22.30
		MID	64QAM	21.34	21.22	21.18	22.30
		HIGH	64QAM	21.26	21.11	20.99	22.30
	25	LOW	64QAM	20.18	20.17	20.13	21.30
		MID	64QAM	20.03	20.18	20.04	21.30
		HIGH	64QAM	20.20	20.29	20.16	21.30
	50	LOW	64QAM	20.36	20.26	20.23	21.30

LTE B17-Level2&3 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	20.05	20.04	19.93	21.30
		MID	QPSK	20.11	20.24	20.20	21.30
		HIGH	QPSK	20.07	20.00	20.00	21.30
	12	LOW	QPSK	20.10	19.95	20.15	21.30
		MID	QPSK	20.10	20.19	20.07	21.30
		HIGH	QPSK	20.12	19.87	19.88	21.30
	25	LOW	QPSK	20.03	20.14	20.14	21.30
	5	LOW	Q16	20.21	20.10	20.11	21.30
		MID	Q16	20.50	20.12	20.18	21.30
		HIGH	Q16	20.34	19.98	19.95	21.30
		LOW	Q16	20.11	20.26	20.22	21.30
		MID	Q16	20.04	20.09	20.26	21.30
		HIGH	Q16	20.07	20.25	20.16	21.30
	25	LOW	Q16	19.98	20.12	19.95	21.30
5	1	LOW	64QAM	19.92	20.31	20.06	21.30
		MID	64QAM	20.10	20.04	20.17	21.30
		HIGH	64QAM	20.29	19.99	19.92	21.30
	12	LOW	64QAM	20.02	20.03	20.29	21.30
		MID	64QAM	20.05	20.15	20.11	21.30
		HIGH	64QAM	20.01	20.03	19.76	21.30
	25	LOW	64QAM	20.00	20.21	20.03	21.30
Bandwidth	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	20.02	20.07	20.02	21.30
		MID	QPSK	20.10	20.11	20.08	21.30
		HIGH	QPSK	20.07	20.11	20.02	21.30
	25	LOW	QPSK	20.03	20.02	20.03	21.30
		MID	QPSK	20.09	20.10	20.11	21.30
		HIGH	QPSK	20.03	20.01	20.01	21.30
	50	LOW	QPSK	20.07	20.08	20.10	21.30
10	1	LOW	Q16	20.35	20.07	20.02	21.30
		MID	Q16	20.49	20.13	20.05	21.30
		HIGH	Q16	20.42	20.07	20.02	21.30
	25	LOW	Q16	20.11	20.17	20.07	21.30
		MID	Q16	20.15	20.20	20.13	21.30
		HIGH	Q16	20.10	20.15	20.06	21.30
	50	LOW	Q16	20.08	20.07	20.08	21.30
10	1	LOW	64QAM	19.96	20.18	20.10	21.30
		MID	64QAM	20.02	20.02	20.05	21.30
		HIGH	64QAM	20.20	20.11	19.95	21.30
	25	LOW	64QAM	19.93	19.95	20.15	21.30
		MID	64QAM	20.06	20.25	20.11	21.30
		HIGH	64QAM	20.13	19.98	19.87	21.30
	50	LOW	64QAM	19.95	20.09	20.04	21.30

LTE B17-Level2&3 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.17	23.13	24.30
		MID	QPSK	23.23	23.10	23.09	24.30
		HIGH	QPSK	23.05	23.20	23.08	24.30
	12	LOW	QPSK	22.11	22.22	21.99	23.30
		MID	QPSK	22.13	22.34	22.30	23.30
		HIGH	QPSK	22.09	22.10	22.09	23.30
5	1	LOW	QPSK	22.20	22.15	22.17	23.30
		MID	Q16	22.47	22.18	22.16	23.30
		HIGH	Q16	22.49	22.24	22.14	23.30
	12	LOW	Q16	22.68	22.20	22.04	23.30
		MID	Q16	21.08	21.17	21.31	22.30
		HIGH	Q16	21.32	21.19	21.26	22.30
5	1	LOW	Q16	21.25	21.27	21.27	22.30
		MID	Q16	21.06	21.18	21.00	22.30
		HIGH	Q16	21.06	21.18	21.00	22.30
	12	LOW	64QAM	21.36	21.21	21.34	22.30
		MID	64QAM	21.12	21.13	21.07	22.30
		HIGH	64QAM	21.12	21.07	21.08	22.30
5	1	LOW	64QAM	20.12	20.07	20.19	21.30
		MID	64QAM	20.12	20.21	19.94	21.30
		HIGH	64QAM	20.10	20.28	20.20	21.30
	12	LOW	64QAM	20.21	20.15	20.08	21.30
		MID	64QAM	20.21	20.15	20.08	21.30
		HIGH	64QAM	20.21	20.15	20.08	21.30
10	1	LOW	QPSK	23.13	23.15	23.11	24.30
		MID	QPSK	23.26	23.22	23.23	24.30
		HIGH	QPSK	23.20	23.22	23.14	24.30
	25	LOW	QPSK	22.09	22.11	22.11	23.30
		MID	QPSK	22.17	22.20	22.20	23.30
		HIGH	QPSK	22.15	22.16	22.12	23.30
10	1	LOW	QPSK	22.16	22.11	22.19	23.30
		MID	Q16	22.53	22.25	22.07	23.30
		HIGH	Q16	22.62	22.29	22.13	23.30
	25	LOW	Q16	22.57	22.27	22.11	23.30
		MID	Q16	21.18	21.24	21.18	22.30
		HIGH	Q16	21.23	21.29	21.20	22.30
10	1	LOW	Q16	21.17	21.20	21.13	22.30
		MID	Q16	21.16	21.17	21.13	22.30
		HIGH	Q16	21.16	21.17	21.13	22.30
	25	LOW	64QAM	21.23	21.35	21.32	22.30
		MID	64QAM	21.34	21.22	21.18	22.30
		HIGH	64QAM	21.26	21.11	20.99	22.30
10	1	LOW	64QAM	20.18	20.17	20.13	21.30
		MID	64QAM	20.03	20.18	20.04	21.30
		HIGH	64QAM	20.20	20.29	20.16	21.30
	25	LOW	64QAM	20.20	20.29	20.16	21.30
		MID	64QAM	20.20	20.29	20.16	21.30
		HIGH	64QAM	20.20	20.29	20.16	21.30
10	1	LOW	64QAM	20.36	20.26	20.23	21.30
		MID	64QAM	20.36	20.26	20.23	21.30
		HIGH	64QAM	20.36	20.26	20.23	21.30
	25	LOW	64QAM	20.36	20.26	20.23	21.30
		MID	64QAM	20.36	20.26	20.23	21.30
		HIGH	64QAM	20.36	20.26	20.23	21.30

LTE B17-Level4 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.17	23.13	24.30
		MID	QPSK	23.23	23.10	23.09	24.30
		HIGH	QPSK	23.05	23.20	23.08	24.30
	12	LOW	QPSK	22.11	22.22	21.99	23.30
		MID	QPSK	22.13	22.34	22.30	23.30
		HIGH	QPSK	22.09	22.10	22.09	23.30
	25	LOW	QPSK	22.20	22.15	22.17	23.30
	5	LOW	Q16	22.47	22.18	22.16	23.30
		MID	Q16	22.49	22.24	22.14	23.30
		HIGH	Q16	22.68	22.20	22.04	23.30
5	1	LOW	Q16	21.08	21.17	21.31	22.30
		MID	Q16	21.32	21.19	21.26	22.30
		HIGH	Q16	21.25	21.27	21.27	22.30
	12	LOW	Q16	21.06	21.18	21.00	22.30
		LOW	64QAM	21.36	21.21	21.34	22.30
		MID	64QAM	21.44	21.13	21.07	22.30
		HIGH	64QAM	21.12	21.07	21.08	22.30
	25	LOW	64QAM	20.12	20.07	20.19	21.30
		MID	64QAM	20.12	20.21	19.94	21.30
		HIGH	64QAM	20.10	20.28	20.20	21.30
10	1	LOW	QPSK	23.13	23.15	23.11	24.30
		MID	QPSK	23.26	23.22	23.23	24.30
		HIGH	QPSK	23.20	23.22	23.14	24.30
	25	LOW	QPSK	22.09	22.11	22.11	23.30
		MID	QPSK	22.17	22.20	22.20	23.30
		HIGH	QPSK	22.15	22.16	22.12	23.30
	50	LOW	QPSK	22.16	22.11	22.19	23.30
	10	LOW	Q16	22.53	22.25	22.07	23.30
		MID	Q16	22.62	22.29	22.13	23.30
		HIGH	Q16	22.57	22.27	22.11	23.30
		LOW	Q16	21.18	21.24	21.18	22.30
		MID	Q16	21.23	21.29	21.20	22.30
		HIGH	Q16	21.17	21.20	21.13	22.30
	50	LOW	Q16	21.16	21.17	21.13	22.30
		LOW	64QAM	21.23	21.35	21.32	22.30
		MID	64QAM	21.34	21.22	21.18	22.30
		HIGH	64QAM	21.26	21.11	20.99	22.30
	25	LOW	64QAM	20.18	20.17	20.13	21.30
		MID	64QAM	20.03	20.18	20.04	21.30
		HIGH	64QAM	20.20	20.29	20.16	21.30
	50	LOW	64QAM	20.36	20.26	20.23	21.30

LTE B17-Level4 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.17	23.13	24.30
		MID	QPSK	23.23	23.10	23.09	24.30
		HIGH	QPSK	23.05	23.20	23.08	24.30
	12	LOW	QPSK	22.11	22.22	21.99	23.30
		MID	QPSK	22.13	22.34	22.30	23.30
		HIGH	QPSK	22.09	22.10	22.09	23.30
	25	LOW	QPSK	22.20	22.15	22.17	23.30
5	1	LOW	Q16	22.47	22.18	22.16	23.30
		MID	Q16	22.49	22.24	22.14	23.30
		HIGH	Q16	22.68	22.20	22.04	23.30
	12	LOW	Q16	21.08	21.17	21.31	22.30
		MID	Q16	21.32	21.19	21.26	22.30
		HIGH	Q16	21.25	21.27	21.27	22.30
	25	LOW	Q16	21.06	21.18	21.00	22.30
5	1	LOW	64QAM	21.36	21.21	21.34	22.30
		MID	64QAM	21.44	21.13	21.07	22.30
		HIGH	64QAM	21.12	21.07	21.08	22.30
	12	LOW	64QAM	20.12	20.07	20.19	21.30
		MID	64QAM	20.12	20.21	19.94	21.30
		HIGH	64QAM	20.10	20.28	20.20	21.30
	25	LOW	64QAM	20.21	20.15	20.08	21.30
Bandwidth	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.13	23.15	23.11	24.30
		MID	QPSK	23.26	23.22	23.23	24.30
		HIGH	QPSK	23.20	23.22	23.14	24.30
	25	LOW	QPSK	22.09	22.11	22.11	23.30
		MID	QPSK	22.17	22.20	22.20	23.30
		HIGH	QPSK	22.15	22.16	22.12	23.30
	50	LOW	QPSK	22.16	22.11	22.19	23.30
10	1	LOW	Q16	22.53	22.25	22.07	23.30
		MID	Q16	22.62	22.29	22.13	23.30
		HIGH	Q16	22.57	22.27	22.11	23.30
	25	LOW	Q16	21.18	21.24	21.18	22.30
		MID	Q16	21.23	21.29	21.20	22.30
		HIGH	Q16	21.17	21.20	21.13	22.30
	50	LOW	Q16	21.16	21.17	21.13	22.30
10	1	LOW	64QAM	21.23	21.35	21.32	22.30
		MID	64QAM	21.34	21.22	21.18	22.30
		HIGH	64QAM	21.26	21.11	20.99	22.30
	25	LOW	64QAM	20.18	20.17	20.13	21.30
		MID	64QAM	20.03	20.18	20.04	21.30
		HIGH	64QAM	20.20	20.29	20.16	21.30
	50	LOW	64QAM	20.36	20.26	20.23	21.30

LTE B17-Level5&6 -Ant.1							
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.17	23.13	24.30
		MID	QPSK	23.23	23.10	23.09	24.30
		HIGH	QPSK	23.05	23.20	23.08	24.30
	12	LOW	QPSK	22.11	22.22	21.99	23.30
		MID	QPSK	22.13	22.34	22.30	23.30
		HIGH	QPSK	22.09	22.10	22.09	23.30
	25	LOW	QPSK	22.20	22.15	22.17	23.30
	5	LOW	Q16	22.47	22.18	22.16	23.30
		MID	Q16	22.49	22.24	22.14	23.30
		HIGH	Q16	22.68	22.20	22.04	23.30
5	1	LOW	Q16	21.08	21.17	21.31	22.30
		MID	Q16	21.32	21.19	21.26	22.30
		HIGH	Q16	21.25	21.27	21.27	22.30
	12	LOW	Q16	21.06	21.18	21.00	22.30
		LOW	64QAM	21.36	21.21	21.34	22.30
		MID	64QAM	21.44	21.13	21.07	22.30
		HIGH	64QAM	21.12	21.07	21.08	22.30
	25	LOW	64QAM	20.12	20.07	20.19	21.30
		MID	64QAM	20.12	20.21	19.94	21.30
		HIGH	64QAM	20.10	20.28	20.20	21.30
10	1	LOW	QPSK	23.13	23.15	23.11	24.30
		MID	QPSK	23.26	23.22	23.23	24.30
		HIGH	QPSK	23.20	23.22	23.14	24.30
	25	LOW	QPSK	22.09	22.11	22.11	23.30
		MID	QPSK	22.17	22.20	22.20	23.30
		HIGH	QPSK	22.15	22.16	22.12	23.30
	50	LOW	QPSK	22.16	22.11	22.19	23.30
	10	LOW	Q16	22.53	22.25	22.07	23.30
		MID	Q16	22.62	22.29	22.13	23.30
		HIGH	Q16	22.57	22.27	22.11	23.30
		LOW	Q16	21.18	21.24	21.18	22.30
		MID	Q16	21.23	21.29	21.20	22.30
		HIGH	Q16	21.17	21.20	21.13	22.30
	50	LOW	Q16	21.16	21.17	21.13	22.30
		LOW	64QAM	21.23	21.35	21.32	22.30
		MID	64QAM	21.34	21.22	21.18	22.30
		HIGH	64QAM	21.26	21.11	20.99	22.30
	25	LOW	64QAM	20.18	20.17	20.13	21.30
		MID	64QAM	20.03	20.18	20.04	21.30
		HIGH	64QAM	20.20	20.29	20.16	21.30
	50	LOW	64QAM	20.36	20.26	20.23	21.30

LTE B17-Level5&6 -Ant.0							
Bandwidth	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.17	23.13	24.30
		MID	QPSK	23.23	23.10	23.09	24.30
		HIGH	QPSK	23.05	23.20	23.08	24.30
	12	LOW	QPSK	22.11	22.22	21.99	23.30
		MID	QPSK	22.13	22.34	22.30	23.30
		HIGH	QPSK	22.09	22.10	22.09	23.30
	25	LOW	QPSK	22.20	22.15	22.17	23.30
5	1	LOW	Q16	22.47	22.18	22.16	23.30
		MID	Q16	22.49	22.24	22.14	23.30
		HIGH	Q16	22.68	22.20	22.04	23.30
	12	LOW	Q16	21.08	21.17	21.31	22.30
		MID	Q16	21.32	21.19	21.26	22.30
		HIGH	Q16	21.25	21.27	21.27	22.30
	25	LOW	Q16	21.06	21.18	21.00	22.30
5	1	LOW	64QAM	21.36	21.21	21.34	22.30
		MID	64QAM	21.44	21.13	21.07	22.30
		HIGH	64QAM	21.12	21.07	21.08	22.30
	12	LOW	64QAM	20.12	20.07	20.19	21.30
		MID	64QAM	20.12	20.21	19.94	21.30
		HIGH	64QAM	20.10	20.28	20.20	21.30
	25	LOW	64QAM	20.21	20.15	20.08	21.30
Bandwidth	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.13	23.15	23.11	24.30
		MID	QPSK	23.26	23.22	23.23	24.30
		HIGH	QPSK	23.20	23.22	23.14	24.30
	25	LOW	QPSK	22.09	22.11	22.11	23.30
		MID	QPSK	22.17	22.20	22.20	23.30
		HIGH	QPSK	22.15	22.16	22.12	23.30
	50	LOW	QPSK	22.16	22.11	22.19	23.30
10	1	LOW	Q16	22.53	22.25	22.07	23.30
		MID	Q16	22.62	22.29	22.13	23.30
		HIGH	Q16	22.57	22.27	22.11	23.30
	25	LOW	Q16	21.18	21.24	21.18	22.30
		MID	Q16	21.23	21.29	21.20	22.30
		HIGH	Q16	21.17	21.20	21.13	22.30
	50	LOW	Q16	21.16	21.17	21.13	22.30
10	1	LOW	64QAM	21.23	21.35	21.32	22.30
		MID	64QAM	21.34	21.22	21.18	22.30
		HIGH	64QAM	21.26	21.11	20.99	22.30
	25	LOW	64QAM	20.18	20.17	20.13	21.30
		MID	64QAM	20.03	20.18	20.04	21.30
		HIGH	64QAM	20.20	20.29	20.16	21.30
	50	LOW	64QAM	20.36	20.26	20.23	21.30

8.3.7 LTE Band26 Output Power

LTE B26-Level1 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power
1.4	1	LOW	QPSK	22.20	21.99	22.04	23.30
		MID	QPSK	22.12	22.08	22.10	23.30
		HIGH	QPSK	21.93	22.01	22.08	23.30
	3	LOW	QPSK	21.94	22.12	21.92	23.30
		MID	QPSK	22.20	21.93	22.21	23.30
		HIGH	QPSK	22.06	22.16	21.99	23.30
1.4	6	LOW	QPSK	21.98	22.01	22.01	23.30
	1	LOW	Q16	22.16	22.38	22.42	23.30
		MID	Q16	22.16	22.41	22.58	23.30
		HIGH	Q16	21.90	22.56	22.64	23.30
		LOW	Q16	22.22	22.29	22.45	23.30
		MID	Q16	22.29	22.53	22.51	23.30
		HIGH	Q16	22.00	22.63	22.67	23.30
	3	LOW	Q16	21.02	21.10	20.92	22.30
1.4	6	LOW	64QAM	21.00	21.20	21.21	22.30
		MID	64QAM	20.95	21.00	21.09	22.30
		HIGH	64QAM	21.06	21.35	21.33	22.30
	3	LOW	64QAM	21.04	21.35	21.10	22.30
		MID	64QAM	21.08	21.01	21.16	22.30
		HIGH	64QAM	21.15	21.22	21.33	22.30
	6	LOW	64QAM	20.11	20.15	20.10	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	21.95	21.90	21.85	23.30
		MID	QPSK	22.04	21.87	22.10	23.30
		HIGH	QPSK	22.08	22.12	22.09	23.30
	8	LOW	QPSK	22.08	21.99	21.88	23.30
		MID	QPSK	21.95	22.03	21.98	23.30
		HIGH	QPSK	22.09	22.01	22.22	23.30
3	15	LOW	QPSK	22.26	22.00	21.93	23.30
	1	LOW	Q16	22.16	22.39	22.37	23.30
		MID	Q16	22.19	22.40	22.65	23.30
		HIGH	Q16	21.94	22.56	22.45	23.30
		LOW	Q16	21.24	21.13	20.87	22.30
		MID	Q16	21.25	21.01	21.12	22.30
		HIGH	Q16	21.14	21.19	21.24	22.30
	8	LOW	Q16	21.12	21.20	21.09	22.30
3	15	LOW	64QAM	21.10	21.39	21.23	22.30
		MID	64QAM	20.93	21.03	20.82	22.30
		HIGH	64QAM	21.08	21.46	21.23	22.30
	8	LOW	64QAM	20.05	20.17	19.93	21.30
		MID	64QAM	20.59	20.36	20.19	21.30
		HIGH	64QAM	20.02	19.85	20.16	21.30
	15	LOW	64QAM	20.13	19.97	19.89	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	21.97	21.92	22.04	23.30
		MID	QPSK	22.10	21.94	22.04	23.30
		HIGH	QPSK	22.08	21.97	22.03	23.30
	12	LOW	QPSK	22.11	22.19	21.92	23.30
		MID	QPSK	22.02	22.05	22.18	23.30
		HIGH	QPSK	22.17	21.94	22.21	23.30
5	1	LOW	Q16	21.93	22.49	22.48	23.30
		MID	Q16	22.14	22.52	22.53	23.30
		HIGH	Q16	21.98	22.41	22.47	23.30
	12	LOW	Q16	21.22	21.25	20.95	22.30
		MID	Q16	21.15	21.21	21.09	22.30
		HIGH	Q16	21.01	21.24	21.11	22.30
5	1	LOW	Q16	21.08	21.08	21.09	22.30
		MID	Q16	21.08	21.08	21.09	22.30
		HIGH	Q16	21.08	21.08	21.09	22.30
	12	LOW	64QAM	21.26	21.25	21.15	22.30
		MID	64QAM	20.88	21.05	20.82	22.30
		HIGH	64QAM	21.08	21.24	21.23	22.30
5	1	LOW	64QAM	20.15	19.90	19.81	21.30
		MID	64QAM	20.48	20.18	20.28	21.30
		HIGH	64QAM	19.77	20.06	20.07	21.30
	12	LOW	64QAM	20.11	20.15	20.14	21.30
		MID	64QAM	20.11	20.15	20.14	21.30
		HIGH	64QAM	20.11	20.15	20.14	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	22.01	22.13	21.87	23.30
		MID	QPSK	21.92	21.92	22.04	23.30
		HIGH	QPSK	22.00	22.17	21.95	23.30
	25	LOW	QPSK	22.17	22.12	21.94	23.30
		MID	QPSK	22.10	22.16	22.07	23.30
		HIGH	QPSK	22.23	22.09	22.13	23.30
10	1	LOW	QPSK	22.01	22.15	22.10	23.30
		MID	QPSK	22.01	22.15	22.10	23.30
		HIGH	QPSK	22.01	22.15	22.10	23.30
	25	LOW	Q16	22.00	22.54	22.43	23.30
		MID	Q16	22.13	22.33	22.54	23.30
		HIGH	Q16	21.99	22.50	22.52	23.30
10	1	LOW	Q16	21.07	21.20	20.84	22.30
		MID	Q16	21.26	20.99	20.99	22.30
		HIGH	Q16	21.06	21.12	21.02	22.30
	25	LOW	Q16	21.03	21.16	21.14	22.30
		MID	Q16	21.03	21.16	21.14	22.30
		HIGH	Q16	21.03	21.16	21.14	22.30
10	1	LOW	64QAM	21.15	21.13	21.26	22.30
		MID	64QAM	20.98	20.99	20.91	22.30
		HIGH	64QAM	21.08	21.37	21.13	22.30
	25	LOW	64QAM	19.96	20.12	20.07	21.30
		MID	64QAM	20.42	20.27	20.45	21.30
		HIGH	64QAM	19.85	20.09	19.97	21.30
10	1	LOW	64QAM	20.24	20.23	19.96	21.30
		MID	64QAM	20.24	20.23	19.96	21.30
		HIGH	64QAM	20.24	20.23	19.96	21.30
	25	LOW	64QAM	20.24	20.23	19.96	21.30
		MID	64QAM	20.24	20.23	19.96	21.30
		HIGH	64QAM	20.24	20.23	19.96	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	22.08	21.98	21.91	23.30
		MID	QPSK	22.07	22.02	22.04	23.30
		HIGH	QPSK	22.04	22.04	21.98	23.30
	36	LOW	QPSK	22.07	22.07	21.98	23.30
		MID	QPSK	22.09	22.07	22.12	23.30
		HIGH	QPSK	22.10	22.03	22.08	23.30
	75	LOW	QPSK	22.13	22.09	22.05	23.30
15	1	LOW	Q16	22.02	22.39	22.39	23.30
		MID	Q16	22.11	22.45	22.60	23.30
		HIGH	Q16	21.99	22.48	22.55	23.30
	36	LOW	Q16	21.11	21.14	20.98	22.30
		MID	Q16	21.12	21.14	21.10	22.30
		HIGH	Q16	21.13	21.10	21.11	22.30
	75	LOW	Q16	21.15	21.10	21.06	22.30
15	1	LOW	64QAM	21.14	21.28	21.12	22.30
		MID	64QAM	20.94	21.05	20.96	22.30
		HIGH	64QAM	21.14	21.32	21.20	22.30
	36	LOW	64QAM	20.03	20.04	19.96	21.30
		MID	64QAM	20.45	20.21	20.32	21.30
		HIGH	64QAM	19.91	19.98	20.11	21.30
	75	LOW	64QAM	20.17	20.08	20.03	21.30

LTE B26-Level1 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power
1.4	1	LOW	QPSK	23.05	23.11	22.86	24.30
		MID	QPSK	22.96	22.96	23.22	24.30
		HIGH	QPSK	23.14	22.99	22.86	24.30
	3	LOW	QPSK	22.90	23.25	22.91	24.30
		MID	QPSK	23.04	22.83	23.34	24.30
		HIGH	QPSK	23.21	22.91	22.96	24.30
	6	LOW	QPSK	22.16	22.12	22.13	23.30
1.4	1	LOW	Q16	21.85	22.36	22.47	23.30
		MID	Q16	22.06	22.58	22.65	23.30
		HIGH	Q16	22.01	22.40	22.48	23.30
	3	LOW	Q16	21.99	22.48	22.52	23.30
		MID	Q16	22.10	22.63	22.65	23.30
		HIGH	Q16	22.06	22.26	22.55	23.30
	6	LOW	Q16	21.17	21.22	20.92	22.30
1.4	1	LOW	64QAM	21.18	21.15	21.11	22.30
		MID	64QAM	21.04	21.09	20.85	22.30
		HIGH	64QAM	21.16	21.23	21.27	22.30
	3	LOW	64QAM	21.09	21.15	21.08	22.30
		MID	64QAM	20.92	21.24	20.97	22.30
		HIGH	64QAM	21.29	21.30	21.18	22.30
	6	LOW	64QAM	20.08	20.08	20.13	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	22.92	23.02	23.04	24.30
		MID	QPSK	23.08	23.10	23.09	24.30
		HIGH	QPSK	22.94	22.95	22.87	24.30
	8	LOW	QPSK	22.19	22.05	22.02	23.30
		MID	QPSK	22.04	22.09	22.18	23.30
		HIGH	QPSK	22.04	21.87	22.16	23.30
	15	LOW	QPSK	22.05	21.98	21.93	23.30
3	1	LOW	Q16	22.03	22.25	22.44	23.30
		MID	Q16	22.01	22.49	22.56	23.30
		HIGH	Q16	22.13	22.60	22.41	23.30
	8	LOW	Q16	21.01	21.13	20.83	22.30
		MID	Q16	20.96	21.13	21.01	22.30
		HIGH	Q16	21.09	21.07	21.16	22.30
	15	LOW	Q16	21.19	21.15	21.18	22.30
3	1	LOW	64QAM	21.16	21.01	21.35	22.30
		MID	64QAM	20.99	21.00	21.08	22.30
		HIGH	64QAM	20.98	21.09	21.03	22.30
	8	LOW	64QAM	19.90	20.12	20.09	21.30
		MID	64QAM	20.36	20.31	20.31	21.30
		HIGH	64QAM	19.99	20.17	19.96	21.30
	15	LOW	64QAM	20.14	20.30	19.97	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	23.04	23.01	22.82	24.30
		MID	QPSK	23.10	23.21	23.02	24.30
		HIGH	QPSK	23.06	22.96	23.04	24.30
	12	LOW	QPSK	22.12	22.13	21.92	23.30
		MID	QPSK	22.04	22.19	22.04	23.30
		HIGH	QPSK	22.06	21.95	22.11	23.30
	25	LOW	QPSK	22.22	22.14	22.15	23.30
5	1	LOW	Q16	22.14	22.39	22.26	23.30
		MID	Q16	22.14	22.57	22.72	23.30
		HIGH	Q16	21.98	22.57	22.48	23.30
	12	LOW	Q16	21.19	21.23	20.98	22.30
		MID	Q16	21.19	21.10	21.18	22.30
		HIGH	Q16	21.20	21.08	20.96	22.30
	25	LOW	Q16	21.28	21.03	21.01	22.30
5	1	LOW	64QAM	20.99	21.20	21.39	22.30
		MID	64QAM	20.97	21.02	21.11	22.30
		HIGH	64QAM	21.02	21.22	21.12	22.30
	12	LOW	64QAM	20.07	20.19	20.04	21.30
		MID	64QAM	20.40	20.09	20.18	21.30
		HIGH	64QAM	19.85	20.19	20.09	21.30
	25	LOW	64QAM	20.00	20.08	20.01	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	22.88	22.82	22.99	24.30
		MID	QPSK	22.98	23.17	22.96	24.30
		HIGH	QPSK	23.10	23.23	23.01	24.30
	25	LOW	QPSK	22.24	21.94	21.89	23.30
		MID	QPSK	22.13	22.02	22.04	23.30
		HIGH	QPSK	21.97	22.09	22.18	23.30
	50	LOW	QPSK	22.22	21.98	22.08	23.30
10	1	LOW	Q16	22.13	22.36	22.52	23.30
		MID	Q16	22.21	22.47	22.47	23.30
		HIGH	Q16	21.98	22.35	22.57	23.30
	25	LOW	Q16	21.17	21.25	21.13	22.30
		MID	Q16	21.10	21.27	21.21	22.30
		HIGH	Q16	21.19	21.22	20.97	22.30
	50	LOW	Q16	21.00	21.03	21.13	22.30
10	1	LOW	64QAM	21.17	21.28	21.39	22.30
		MID	64QAM	21.13	21.04	21.03	22.30
		HIGH	64QAM	21.13	21.25	21.18	22.30
	25	LOW	64QAM	19.99	20.09	19.90	21.30
		MID	64QAM	20.38	20.37	20.36	21.30
		HIGH	64QAM	19.83	20.18	20.19	21.30
	50	LOW	64QAM	19.94	20.08	20.12	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	23.03	22.96	22.92	24.30
		MID	QPSK	23.06	23.07	23.08	24.30
		HIGH	QPSK	23.03	23.08	23.00	24.30
	36	LOW	QPSK	22.09	22.05	22.00	23.30
		MID	QPSK	22.12	22.05	22.13	23.30
		HIGH	QPSK	22.10	22.02	22.09	23.30
	75	LOW	QPSK	22.10	22.09	22.03	23.30
15	1	LOW	Q16	21.99	22.38	22.39	23.30
		MID	Q16	22.09	22.44	22.58	23.30
		HIGH	Q16	21.98	22.47	22.54	23.30
	36	LOW	Q16	21.12	21.14	20.98	22.30
		MID	Q16	21.08	21.12	21.11	22.30
		HIGH	Q16	21.13	21.10	21.07	22.30
	75	LOW	Q16	21.13	21.10	21.05	22.30
15	1	LOW	64QAM	21.08	21.15	21.24	22.30
		MID	64QAM	21.00	21.09	20.97	22.30
		HIGH	64QAM	21.06	21.18	21.12	22.30
	36	LOW	64QAM	20.02	20.15	20.02	21.30
		MID	64QAM	20.32	20.24	20.21	21.30
		HIGH	64QAM	19.97	20.09	20.06	21.30
	75	LOW	64QAM	20.02	20.15	20.06	21.30

LTE B26-Level2&3 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power
1.4	1	LOW	QPSK	19.90	19.96	19.72	21.30
		MID	QPSK	19.77	19.99	19.97	21.30
		HIGH	QPSK	19.66	20.05	19.92	21.30
	3	LOW	QPSK	20.07	19.90	19.92	21.30
		MID	QPSK	19.91	19.83	19.89	21.30
		HIGH	QPSK	19.96	19.77	20.03	21.30
1.4	6	LOW	QPSK	19.87	19.97	19.94	21.30
	1	LOW	Q16	19.97	20.02	19.93	21.30
		MID	Q16	19.88	19.69	19.96	21.30
		HIGH	Q16	19.78	19.86	19.86	21.30
	3	LOW	Q16	20.07	19.87	19.89	21.30
		MID	Q16	19.74	19.65	19.77	21.30
		HIGH	Q16	19.84	19.79	19.93	21.30
	6	LOW	Q16	20.10	20.14	19.74	21.30
1.4	1	LOW	64QAM	19.80	20.01	19.75	21.30
		MID	64QAM	19.77	19.98	20.02	21.30
		HIGH	64QAM	19.79	19.85	20.03	21.30
	3	LOW	64QAM	19.82	19.83	19.89	21.30
		MID	64QAM	19.95	19.59	19.93	21.30
		HIGH	64QAM	19.91	19.84	19.96	21.30
	6	LOW	64QAM	20.01	19.92	19.93	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	19.94	19.86	19.89	21.30
		MID	QPSK	19.87	19.81	20.00	21.30
		HIGH	QPSK	19.77	19.92	19.70	21.30
	8	LOW	QPSK	19.93	20.02	19.79	21.30
		MID	QPSK	20.03	19.73	19.90	21.30
		HIGH	QPSK	19.95	19.82	19.90	21.30
3	15	LOW	QPSK	19.89	20.03	19.97	21.30
	1	LOW	Q16	19.94	19.97	19.92	21.30
		MID	Q16	19.83	19.85	19.96	21.30
		HIGH	Q16	19.74	20.03	19.87	21.30
	8	LOW	Q16	20.18	19.75	19.78	21.30
		MID	Q16	19.93	19.69	19.95	21.30
		HIGH	Q16	19.80	19.90	20.02	21.30
	15	LOW	Q16	20.03	20.09	19.82	21.30
3	1	LOW	64QAM	19.77	19.80	19.93	21.30
		MID	64QAM	19.81	19.80	19.94	21.30
		HIGH	64QAM	19.69	19.96	20.09	21.30
	8	LOW	64QAM	19.76	19.76	19.93	21.30
		MID	64QAM	19.97	19.68	20.01	21.30
		HIGH	64QAM	19.91	19.72	19.94	21.30
	15	LOW	64QAM	20.01	19.79	19.68	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	19.76	20.00	19.75	21.30
		MID	QPSK	19.86	19.82	20.02	21.30
		HIGH	QPSK	19.90	19.94	19.66	21.30
	12	LOW	QPSK	20.05	19.98	19.69	21.30
		MID	QPSK	19.97	19.98	19.97	21.30
		HIGH	QPSK	19.78	19.90	19.80	21.30
	25	LOW	QPSK	20.06	19.87	19.89	21.30
5	1	LOW	Q16	20.00	19.90	19.81	21.30
		MID	Q16	19.86	19.80	19.99	21.30
		HIGH	Q16	19.95	19.89	19.77	21.30
	12	LOW	Q16	20.11	19.62	19.90	21.30
		MID	Q16	19.94	19.77	19.68	21.30
		HIGH	Q16	19.84	19.81	19.98	21.30
	25	LOW	Q16	20.09	20.09	20.02	21.30
5	1	LOW	64QAM	19.77	19.99	19.85	21.30
		MID	64QAM	19.73	19.83	20.16	21.30
		HIGH	64QAM	19.57	19.85	20.03	21.30
	12	LOW	64QAM	20.01	19.89	19.90	21.30
		MID	64QAM	19.81	19.69	19.89	21.30
		HIGH	64QAM	19.85	19.89	20.03	21.30
	25	LOW	64QAM	19.98	19.85	19.85	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	19.91	19.81	19.74	21.30
		MID	QPSK	19.58	19.83	19.78	21.30
		HIGH	QPSK	19.92	19.82	19.68	21.30
	25	LOW	QPSK	19.90	19.77	19.74	21.30
		MID	QPSK	19.87	19.90	19.77	21.30
		HIGH	QPSK	19.90	19.82	20.04	21.30
	50	LOW	QPSK	20.04	19.87	19.85	21.30
10	1	LOW	Q16	20.06	19.89	19.81	21.30
		MID	Q16	19.72	19.77	20.11	21.30
		HIGH	Q16	19.77	19.84	19.83	21.30
	25	LOW	Q16	20.08	19.88	19.72	21.30
		MID	Q16	19.66	19.92	19.68	21.30
		HIGH	Q16	19.73	20.00	19.85	21.30
	50	LOW	Q16	20.11	19.88	19.96	21.30
10	1	LOW	64QAM	19.78	20.04	19.78	21.30
		MID	64QAM	19.84	19.95	20.17	21.30
		HIGH	64QAM	19.72	20.00	19.81	21.30
	25	LOW	64QAM	19.80	19.68	19.66	21.30
		MID	64QAM	19.95	19.74	20.11	21.30
		HIGH	64QAM	19.86	19.79	19.90	21.30
	50	LOW	64QAM	19.92	19.88	19.74	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	19.83	19.85	19.76	21.30
		MID	QPSK	19.72	19.94	19.90	21.30
		HIGH	QPSK	19.81	19.94	19.80	21.30
	36	LOW	QPSK	19.95	19.88	19.83	21.30
		MID	QPSK	19.92	19.87	19.92	21.30
		HIGH	QPSK	19.92	19.85	19.92	21.30
75	LOW	QPSK	19.99	19.94	19.90	21.30	
15	1	LOW	Q16	19.95	19.91	19.84	21.30
		MID	Q16	19.74	19.84	20.01	21.30
		HIGH	Q16	19.82	19.99	19.81	21.30
	36	LOW	Q16	20.05	19.77	19.81	21.30
		MID	Q16	19.81	19.77	19.82	21.30
		HIGH	Q16	19.79	19.85	19.90	21.30
75	LOW	Q16	20.09	20.00	19.87	21.30	
15	1	LOW	64QAM	19.86	19.94	19.83	21.30
		MID	64QAM	19.75	19.86	20.05	21.30
		HIGH	64QAM	19.66	19.95	19.95	21.30
	36	LOW	64QAM	19.86	19.76	19.78	21.30
		MID	64QAM	19.84	19.72	20.04	21.30
		HIGH	64QAM	19.86	19.87	19.98	21.30
75	LOW	64QAM	20.03	19.90	19.80	21.30	

LTE B26-Level2&3 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power	
1.4	1	LOW	QPSK	23.05	23.11	22.86	24.30	
		MID	QPSK	22.96	22.96	23.22	24.30	
		HIGH	QPSK	23.14	22.99	22.86	24.30	
	3	LOW	QPSK	22.90	23.25	22.91	24.30	
		MID	QPSK	23.04	22.83	23.34	24.30	
		HIGH	QPSK	23.21	22.91	22.96	24.30	
1.4	6	LOW	QPSK	22.16	22.12	22.13	23.30	
		1	LOW	Q16	21.85	22.36	22.47	23.30
			MID	Q16	22.06	22.58	22.65	23.30
	HIGH		Q16	22.01	22.40	22.48	23.30	
	3	LOW	Q16	21.99	22.48	22.52	23.30	
		MID	Q16	22.10	22.63	22.65	23.30	
HIGH		Q16	22.06	22.26	22.55	23.30		
1.4	6	LOW	Q16	21.17	21.22	20.92	22.30	
		1	LOW	64QAM	21.18	21.15	21.11	22.30
			MID	64QAM	21.04	21.09	20.85	22.30
	HIGH		64QAM	21.16	21.23	21.27	22.30	
	3	LOW	64QAM	21.09	21.15	21.08	22.30	
		MID	64QAM	20.92	21.24	20.97	22.30	
HIGH		64QAM	21.29	21.30	21.18	22.30		
1.4	6	LOW	64QAM	20.08	20.08	20.13	21.30	

Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	22.92	23.02	23.04	24.30
		MID	QPSK	23.08	23.10	23.09	24.30
		HIGH	QPSK	22.94	22.95	22.87	24.30
	8	LOW	QPSK	22.19	22.05	22.02	23.30
		MID	QPSK	22.04	22.09	22.18	23.30
		HIGH	QPSK	22.04	21.87	22.16	23.30
	15	LOW	QPSK	22.05	21.98	21.93	23.30
3	1	LOW	Q16	22.03	22.25	22.44	23.30
		MID	Q16	22.01	22.49	22.56	23.30
		HIGH	Q16	22.13	22.60	22.41	23.30
	8	LOW	Q16	21.01	21.13	20.83	22.30
		MID	Q16	20.96	21.13	21.01	22.30
		HIGH	Q16	21.09	21.07	21.16	22.30
	15	LOW	Q16	21.19	21.15	21.18	22.30
3	1	LOW	64QAM	21.16	21.01	21.35	22.30
		MID	64QAM	20.99	21.00	21.08	22.30
		HIGH	64QAM	20.98	21.09	21.03	22.30
	8	LOW	64QAM	19.90	20.12	20.09	21.30
		MID	64QAM	20.36	20.31	20.31	21.30
		HIGH	64QAM	19.99	20.17	19.96	21.30
	15	LOW	64QAM	20.14	20.30	19.97	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	23.04	23.01	22.82	24.30
		MID	QPSK	23.10	23.21	23.02	24.30
		HIGH	QPSK	23.06	22.96	23.04	24.30
	12	LOW	QPSK	22.12	22.13	21.92	23.30
		MID	QPSK	22.04	22.19	22.04	23.30
		HIGH	QPSK	22.06	21.95	22.11	23.30
	25	LOW	QPSK	22.22	22.14	22.15	23.30
5	1	LOW	Q16	22.14	22.39	22.26	23.30
		MID	Q16	22.14	22.57	22.72	23.30
		HIGH	Q16	21.98	22.57	22.48	23.30
	12	LOW	Q16	21.19	21.23	20.98	22.30
		MID	Q16	21.19	21.10	21.18	22.30
		HIGH	Q16	21.20	21.08	20.96	22.30
	25	LOW	Q16	21.28	21.03	21.01	22.30
5	1	LOW	64QAM	20.99	21.20	21.39	22.30
		MID	64QAM	20.97	21.02	21.11	22.30
		HIGH	64QAM	21.02	21.22	21.12	22.30
	12	LOW	64QAM	20.07	20.19	20.04	21.30
		MID	64QAM	20.40	20.09	20.18	21.30
		HIGH	64QAM	19.85	20.19	20.09	21.30
	25	LOW	64QAM	20.00	20.08	20.01	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	22.88	22.82	22.99	24.30
		MID	QPSK	22.98	23.17	22.96	24.30
		HIGH	QPSK	23.10	23.23	23.01	24.30
	25	LOW	QPSK	22.24	21.94	21.89	23.30
		MID	QPSK	22.13	22.02	22.04	23.30
		HIGH	QPSK	21.97	22.09	22.18	23.30
	50	LOW	QPSK	22.22	21.98	22.08	23.30
10	1	LOW	Q16	22.13	22.36	22.52	23.30
		MID	Q16	22.21	22.47	22.47	23.30
		HIGH	Q16	21.98	22.35	22.57	23.30
	25	LOW	Q16	21.17	21.25	21.13	22.30
		MID	Q16	21.10	21.27	21.21	22.30
		HIGH	Q16	21.19	21.22	20.97	22.30
	50	LOW	Q16	21.00	21.03	21.13	22.30
10	1	LOW	64QAM	21.17	21.28	21.39	22.30
		MID	64QAM	21.13	21.04	21.03	22.30
		HIGH	64QAM	21.13	21.25	21.18	22.30
	25	LOW	64QAM	19.99	20.09	19.90	21.30
		MID	64QAM	20.38	20.37	20.36	21.30
		HIGH	64QAM	19.83	20.18	20.19	21.30
	50	LOW	64QAM	19.94	20.08	20.12	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	23.03	22.96	22.92	24.30
		MID	QPSK	23.06	23.07	23.08	24.30
		HIGH	QPSK	23.03	23.08	23.00	24.30
	36	LOW	QPSK	22.09	22.05	22.00	23.30
		MID	QPSK	22.12	22.05	22.13	23.30
		HIGH	QPSK	22.10	22.02	22.09	23.30
	75	LOW	QPSK	22.10	22.09	22.03	23.30
15	1	LOW	Q16	21.99	22.38	22.39	23.30
		MID	Q16	22.09	22.44	22.58	23.30
		HIGH	Q16	21.98	22.47	22.54	23.30
	36	LOW	Q16	21.12	21.14	20.98	22.30
		MID	Q16	21.08	21.12	21.11	22.30
		HIGH	Q16	21.13	21.10	21.07	22.30
	75	LOW	Q16	21.13	21.10	21.05	22.30
15	1	LOW	64QAM	21.08	21.15	21.24	22.30
		MID	64QAM	21.00	21.09	20.97	22.30
		HIGH	64QAM	21.06	21.18	21.12	22.30
	36	LOW	64QAM	20.02	20.15	20.02	21.30
		MID	64QAM	20.32	20.24	20.21	21.30
		HIGH	64QAM	19.97	20.09	20.06	21.30
	75	LOW	64QAM	20.02	20.15	20.06	21.30

LTE B26-Level4 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power
1.4	1	LOW	QPSK	23.05	23.11	22.86	24.30
		MID	QPSK	22.96	22.96	23.22	24.30
		HIGH	QPSK	23.14	22.99	22.86	24.30
	3	LOW	QPSK	22.90	23.25	22.91	24.30
		MID	QPSK	23.04	22.83	23.34	24.30
		HIGH	QPSK	23.21	22.91	22.96	24.30
1.4	6	LOW	QPSK	22.16	22.12	22.13	23.30
	1	LOW	Q16	21.85	22.36	22.47	23.30
		MID	Q16	22.06	22.58	22.65	23.30
		HIGH	Q16	22.01	22.40	22.48	23.30
	3	LOW	Q16	21.99	22.48	22.52	23.30
		MID	Q16	22.10	22.63	22.65	23.30
		HIGH	Q16	22.06	22.26	22.55	23.30
	6	LOW	Q16	21.17	21.22	20.92	22.30
1.4	1	LOW	64QAM	21.18	21.15	21.11	22.30
		MID	64QAM	21.04	21.09	20.85	22.30
		HIGH	64QAM	21.16	21.23	21.27	22.30
	3	LOW	64QAM	21.09	21.15	21.08	22.30
		MID	64QAM	20.92	21.24	20.97	22.30
		HIGH	64QAM	21.29	21.30	21.18	22.30
	6	LOW	64QAM	20.08	20.08	20.13	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	22.92	23.02	23.04	24.30
		MID	QPSK	23.08	23.10	23.09	24.30
		HIGH	QPSK	22.94	22.95	22.87	24.30
	8	LOW	QPSK	22.19	22.05	22.02	23.30
		MID	QPSK	22.04	22.09	22.18	23.30
		HIGH	QPSK	22.04	21.87	22.16	23.30
3	15	LOW	QPSK	22.05	21.98	21.93	23.30
	1	LOW	Q16	22.03	22.25	22.44	23.30
		MID	Q16	22.01	22.49	22.56	23.30
		HIGH	Q16	22.13	22.60	22.41	23.30
	8	LOW	Q16	21.01	21.13	20.83	22.30
		MID	Q16	20.96	21.13	21.01	22.30
		HIGH	Q16	21.09	21.07	21.16	22.30
	15	LOW	Q16	21.19	21.15	21.18	22.30
3	1	LOW	64QAM	21.16	21.01	21.35	22.30
		MID	64QAM	20.99	21.00	21.08	22.30
		HIGH	64QAM	20.98	21.09	21.03	22.30
	8	LOW	64QAM	19.90	20.12	20.09	21.30
		MID	64QAM	20.36	20.31	20.31	21.30
		HIGH	64QAM	19.99	20.17	19.96	21.30
	15	LOW	64QAM	20.14	20.30	19.97	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	23.04	23.01	22.82	24.30
		MID	QPSK	23.10	23.21	23.02	24.30
		HIGH	QPSK	23.06	22.96	23.04	24.30
	12	LOW	QPSK	22.12	22.13	21.92	23.30
		MID	QPSK	22.04	22.19	22.04	23.30
		HIGH	QPSK	22.06	21.95	22.11	23.30
	25	LOW	QPSK	22.22	22.14	22.15	23.30
5	1	LOW	Q16	22.14	22.39	22.26	23.30
		MID	Q16	22.14	22.57	22.72	23.30
		HIGH	Q16	21.98	22.57	22.48	23.30
	12	LOW	Q16	21.19	21.23	20.98	22.30
		MID	Q16	21.19	21.10	21.18	22.30
		HIGH	Q16	21.20	21.08	20.96	22.30
	25	LOW	Q16	21.28	21.03	21.01	22.30
5	1	LOW	64QAM	20.99	21.20	21.39	22.30
		MID	64QAM	20.97	21.02	21.11	22.30
		HIGH	64QAM	21.02	21.22	21.12	22.30
	12	LOW	64QAM	20.07	20.19	20.04	21.30
		MID	64QAM	20.40	20.09	20.18	21.30
		HIGH	64QAM	19.85	20.19	20.09	21.30
	25	LOW	64QAM	20.00	20.08	20.01	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	22.88	22.82	22.99	24.30
		MID	QPSK	22.98	23.17	22.96	24.30
		HIGH	QPSK	23.10	23.23	23.01	24.30
	25	LOW	QPSK	22.24	21.94	21.89	23.30
		MID	QPSK	22.13	22.02	22.04	23.30
		HIGH	QPSK	21.97	22.09	22.18	23.30
	50	LOW	QPSK	22.22	21.98	22.08	23.30
10	1	LOW	Q16	22.13	22.36	22.52	23.30
		MID	Q16	22.21	22.47	22.47	23.30
		HIGH	Q16	21.98	22.35	22.57	23.30
	25	LOW	Q16	21.17	21.25	21.13	22.30
		MID	Q16	21.10	21.27	21.21	22.30
		HIGH	Q16	21.19	21.22	20.97	22.30
	50	LOW	Q16	21.00	21.03	21.13	22.30
10	1	LOW	64QAM	21.17	21.28	21.39	22.30
		MID	64QAM	21.13	21.04	21.03	22.30
		HIGH	64QAM	21.13	21.25	21.18	22.30
	25	LOW	64QAM	19.99	20.09	19.90	21.30
		MID	64QAM	20.38	20.37	20.36	21.30
		HIGH	64QAM	19.83	20.18	20.19	21.30
	50	LOW	64QAM	19.94	20.08	20.12	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	23.03	22.96	22.92	24.30
		MID	QPSK	23.06	23.07	23.08	24.30
		HIGH	QPSK	23.03	23.08	23.00	24.30
	36	LOW	QPSK	22.09	22.05	22.00	23.30
		MID	QPSK	22.12	22.05	22.13	23.30
		HIGH	QPSK	22.10	22.02	22.09	23.30
	75	LOW	QPSK	22.10	22.09	22.03	23.30
		LOW	Q16	21.99	22.38	22.39	23.30
		MID	Q16	22.09	22.44	22.58	23.30
15	1	HIGH	Q16	21.98	22.47	22.54	23.30
	36	LOW	Q16	21.12	21.14	20.98	22.30
		MID	Q16	21.08	21.12	21.11	22.30
		HIGH	Q16	21.13	21.10	21.07	22.30
	75	LOW	Q16	21.13	21.10	21.05	22.30
	1	LOW	64QAM	21.08	21.15	21.24	22.30
		MID	64QAM	21.00	21.09	20.97	22.30
		HIGH	64QAM	21.06	21.18	21.12	22.30
15	36	LOW	64QAM	20.02	20.15	20.02	21.30
		MID	64QAM	20.32	20.24	20.21	21.30
		HIGH	64QAM	19.97	20.09	20.06	21.30
	75	LOW	64QAM	20.02	20.15	20.06	21.30

LTE B26-Level4 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power
1.4	1	LOW	QPSK	23.05	23.11	22.86	24.30
		MID	QPSK	22.96	22.96	23.22	24.30
		HIGH	QPSK	23.14	22.99	22.86	24.30
	3	LOW	QPSK	22.90	23.25	22.91	24.30
		MID	QPSK	23.04	22.83	23.34	24.30
		HIGH	QPSK	23.21	22.91	22.96	24.30
	6	LOW	QPSK	22.16	22.12	22.13	23.30
1.4	1	LOW	Q16	21.85	22.36	22.47	23.30
		MID	Q16	22.06	22.58	22.65	23.30
		HIGH	Q16	22.01	22.40	22.48	23.30
	3	LOW	Q16	21.99	22.48	22.52	23.30
		MID	Q16	22.10	22.63	22.65	23.30
		HIGH	Q16	22.06	22.26	22.55	23.30
	6	LOW	Q16	21.17	21.22	20.92	22.30
1.4	1	LOW	64QAM	21.18	21.15	21.11	22.30
		MID	64QAM	21.04	21.09	20.85	22.30
		HIGH	64QAM	21.16	21.23	21.27	22.30
	3	LOW	64QAM	21.09	21.15	21.08	22.30
		MID	64QAM	20.92	21.24	20.97	22.30
		HIGH	64QAM	21.29	21.30	21.18	22.30
	6	LOW	64QAM	20.08	20.08	20.13	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	22.92	23.02	23.04	24.30
		MID	QPSK	23.08	23.10	23.09	24.30
		HIGH	QPSK	22.94	22.95	22.87	24.30
	8	LOW	QPSK	22.19	22.05	22.02	23.30
		MID	QPSK	22.04	22.09	22.18	23.30
		HIGH	QPSK	22.04	21.87	22.16	23.30
	15	LOW	QPSK	22.05	21.98	21.93	23.30
3	1	LOW	Q16	22.03	22.25	22.44	23.30
		MID	Q16	22.01	22.49	22.56	23.30
		HIGH	Q16	22.13	22.60	22.41	23.30
	8	LOW	Q16	21.01	21.13	20.83	22.30
		MID	Q16	20.96	21.13	21.01	22.30
		HIGH	Q16	21.09	21.07	21.16	22.30
	15	LOW	Q16	21.19	21.15	21.18	22.30
3	1	LOW	64QAM	21.16	21.01	21.35	22.30
		MID	64QAM	20.99	21.00	21.08	22.30
		HIGH	64QAM	20.98	21.09	21.03	22.30
	8	LOW	64QAM	19.90	20.12	20.09	21.30
		MID	64QAM	20.36	20.31	20.31	21.30
		HIGH	64QAM	19.99	20.17	19.96	21.30
	15	LOW	64QAM	20.14	20.30	19.97	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	23.04	23.01	22.82	24.30
		MID	QPSK	23.10	23.21	23.02	24.30
		HIGH	QPSK	23.06	22.96	23.04	24.30
	12	LOW	QPSK	22.12	22.13	21.92	23.30
		MID	QPSK	22.04	22.19	22.04	23.30
		HIGH	QPSK	22.06	21.95	22.11	23.30
	25	LOW	QPSK	22.22	22.14	22.15	23.30
5	1	LOW	Q16	22.14	22.39	22.26	23.30
		MID	Q16	22.14	22.57	22.72	23.30
		HIGH	Q16	21.98	22.57	22.48	23.30
	12	LOW	Q16	21.19	21.23	20.98	22.30
		MID	Q16	21.19	21.10	21.18	22.30
		HIGH	Q16	21.20	21.08	20.96	22.30
	25	LOW	Q16	21.28	21.03	21.01	22.30
5	1	LOW	64QAM	20.99	21.20	21.39	22.30
		MID	64QAM	20.97	21.02	21.11	22.30
		HIGH	64QAM	21.02	21.22	21.12	22.30
	12	LOW	64QAM	20.07	20.19	20.04	21.30
		MID	64QAM	20.40	20.09	20.18	21.30
		HIGH	64QAM	19.85	20.19	20.09	21.30
	25	LOW	64QAM	20.00	20.08	20.01	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	22.88	22.82	22.99	24.30
		MID	QPSK	22.98	23.17	22.96	24.30
		HIGH	QPSK	23.10	23.23	23.01	24.30
	25	LOW	QPSK	22.24	21.94	21.89	23.30
		MID	QPSK	22.13	22.02	22.04	23.30
		HIGH	QPSK	21.97	22.09	22.18	23.30
	50	LOW	QPSK	22.22	21.98	22.08	23.30
10	1	LOW	Q16	22.13	22.36	22.52	23.30
		MID	Q16	22.21	22.47	22.47	23.30
		HIGH	Q16	21.98	22.35	22.57	23.30
	25	LOW	Q16	21.17	21.25	21.13	22.30
		MID	Q16	21.10	21.27	21.21	22.30
		HIGH	Q16	21.19	21.22	20.97	22.30
	50	LOW	Q16	21.00	21.03	21.13	22.30
10	1	LOW	64QAM	21.17	21.28	21.39	22.30
		MID	64QAM	21.13	21.04	21.03	22.30
		HIGH	64QAM	21.13	21.25	21.18	22.30
	25	LOW	64QAM	19.99	20.09	19.90	21.30
		MID	64QAM	20.38	20.37	20.36	21.30
		HIGH	64QAM	19.83	20.18	20.19	21.30
	50	LOW	64QAM	19.94	20.08	20.12	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	23.03	22.96	22.92	24.30
		MID	QPSK	23.06	23.07	23.08	24.30
		HIGH	QPSK	23.03	23.08	23.00	24.30
	36	LOW	QPSK	22.09	22.05	22.00	23.30
		MID	QPSK	22.12	22.05	22.13	23.30
		HIGH	QPSK	22.10	22.02	22.09	23.30
	75	LOW	QPSK	22.10	22.09	22.03	23.30
15	1	LOW	Q16	21.99	22.38	22.39	23.30
		MID	Q16	22.09	22.44	22.58	23.30
		HIGH	Q16	21.98	22.47	22.54	23.30
	36	LOW	Q16	21.12	21.14	20.98	22.30
		MID	Q16	21.08	21.12	21.11	22.30
		HIGH	Q16	21.13	21.10	21.07	22.30
	75	LOW	Q16	21.13	21.10	21.05	22.30
15	1	LOW	64QAM	21.08	21.15	21.24	22.30
		MID	64QAM	21.00	21.09	20.97	22.30
		HIGH	64QAM	21.06	21.18	21.12	22.30
	36	LOW	64QAM	20.02	20.15	20.02	21.30
		MID	64QAM	20.32	20.24	20.21	21.30
		HIGH	64QAM	19.97	20.09	20.06	21.30
	75	LOW	64QAM	20.02	20.15	20.06	21.30

LTE B26-Level4&5 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power
1.4	1	LOW	QPSK	23.05	23.11	22.86	24.30
		MID	QPSK	22.96	22.96	23.22	24.30
		HIGH	QPSK	23.14	22.99	22.86	24.30
	3	LOW	QPSK	22.90	23.25	22.91	24.30
		MID	QPSK	23.04	22.83	23.34	24.30
		HIGH	QPSK	23.21	22.91	22.96	24.30
1.4	6	LOW	QPSK	22.16	22.12	22.13	23.30
	1	LOW	Q16	21.85	22.36	22.47	23.30
		MID	Q16	22.06	22.58	22.65	23.30
		HIGH	Q16	22.01	22.40	22.48	23.30
	3	LOW	Q16	21.99	22.48	22.52	23.30
		MID	Q16	22.10	22.63	22.65	23.30
		HIGH	Q16	22.06	22.26	22.55	23.30
	6	LOW	Q16	21.17	21.22	20.92	22.30
1.4	1	LOW	64QAM	21.18	21.15	21.11	22.30
		MID	64QAM	21.04	21.09	20.85	22.30
		HIGH	64QAM	21.16	21.23	21.27	22.30
	3	LOW	64QAM	21.09	21.15	21.08	22.30
		MID	64QAM	20.92	21.24	20.97	22.30
		HIGH	64QAM	21.29	21.30	21.18	22.30
	6	LOW	64QAM	20.08	20.08	20.13	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	22.92	23.02	23.04	24.30
		MID	QPSK	23.08	23.10	23.09	24.30
		HIGH	QPSK	22.94	22.95	22.87	24.30
	8	LOW	QPSK	22.19	22.05	22.02	23.30
		MID	QPSK	22.04	22.09	22.18	23.30
		HIGH	QPSK	22.04	21.87	22.16	23.30
3	15	LOW	QPSK	22.05	21.98	21.93	23.30
	1	LOW	Q16	22.03	22.25	22.44	23.30
		MID	Q16	22.01	22.49	22.56	23.30
		HIGH	Q16	22.13	22.60	22.41	23.30
	8	LOW	Q16	21.01	21.13	20.83	22.30
		MID	Q16	20.96	21.13	21.01	22.30
		HIGH	Q16	21.09	21.07	21.16	22.30
	15	LOW	Q16	21.19	21.15	21.18	22.30
3	1	LOW	64QAM	21.16	21.01	21.35	22.30
		MID	64QAM	20.99	21.00	21.08	22.30
		HIGH	64QAM	20.98	21.09	21.03	22.30
	8	LOW	64QAM	19.90	20.12	20.09	21.30
		MID	64QAM	20.36	20.31	20.31	21.30
		HIGH	64QAM	19.99	20.17	19.96	21.30
	15	LOW	64QAM	20.14	20.30	19.97	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	23.04	23.01	22.82	24.30
		MID	QPSK	23.10	23.21	23.02	24.30
		HIGH	QPSK	23.06	22.96	23.04	24.30
	12	LOW	QPSK	22.12	22.13	21.92	23.30
		MID	QPSK	22.04	22.19	22.04	23.30
		HIGH	QPSK	22.06	21.95	22.11	23.30
	25	LOW	QPSK	22.22	22.14	22.15	23.30
5	1	LOW	Q16	22.14	22.39	22.26	23.30
		MID	Q16	22.14	22.57	22.72	23.30
		HIGH	Q16	21.98	22.57	22.48	23.30
	12	LOW	Q16	21.19	21.23	20.98	22.30
		MID	Q16	21.19	21.10	21.18	22.30
		HIGH	Q16	21.20	21.08	20.96	22.30
	25	LOW	Q16	21.28	21.03	21.01	22.30
5	1	LOW	64QAM	20.99	21.20	21.39	22.30
		MID	64QAM	20.97	21.02	21.11	22.30
		HIGH	64QAM	21.02	21.22	21.12	22.30
	12	LOW	64QAM	20.07	20.19	20.04	21.30
		MID	64QAM	20.40	20.09	20.18	21.30
		HIGH	64QAM	19.85	20.19	20.09	21.30
	25	LOW	64QAM	20.00	20.08	20.01	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	22.88	22.82	22.99	24.30
		MID	QPSK	22.98	23.17	22.96	24.30
		HIGH	QPSK	23.10	23.23	23.01	24.30
	25	LOW	QPSK	22.24	21.94	21.89	23.30
		MID	QPSK	22.13	22.02	22.04	23.30
		HIGH	QPSK	21.97	22.09	22.18	23.30
	50	LOW	QPSK	22.22	21.98	22.08	23.30
10	1	LOW	Q16	22.13	22.36	22.52	23.30
		MID	Q16	22.21	22.47	22.47	23.30
		HIGH	Q16	21.98	22.35	22.57	23.30
	25	LOW	Q16	21.17	21.25	21.13	22.30
		MID	Q16	21.10	21.27	21.21	22.30
		HIGH	Q16	21.19	21.22	20.97	22.30
	50	LOW	Q16	21.00	21.03	21.13	22.30
10	1	LOW	64QAM	21.17	21.28	21.39	22.30
		MID	64QAM	21.13	21.04	21.03	22.30
		HIGH	64QAM	21.13	21.25	21.18	22.30
	25	LOW	64QAM	19.99	20.09	19.90	21.30
		MID	64QAM	20.38	20.37	20.36	21.30
		HIGH	64QAM	19.83	20.18	20.19	21.30
	50	LOW	64QAM	19.94	20.08	20.12	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	23.03	22.96	22.92	24.30
		MID	QPSK	23.06	23.07	23.08	24.30
		HIGH	QPSK	23.03	23.08	23.00	24.30
	36	LOW	QPSK	22.09	22.05	22.00	23.30
		MID	QPSK	22.12	22.05	22.13	23.30
		HIGH	QPSK	22.10	22.02	22.09	23.30
75	LOW	QPSK	22.10	22.09	22.03	23.30	
15	1	LOW	Q16	21.99	22.38	22.39	23.30
		MID	Q16	22.09	22.44	22.58	23.30
		HIGH	Q16	21.98	22.47	22.54	23.30
	36	LOW	Q16	21.12	21.14	20.98	22.30
		MID	Q16	21.08	21.12	21.11	22.30
		HIGH	Q16	21.13	21.10	21.07	22.30
75	LOW	Q16	21.13	21.10	21.05	22.30	
15	1	LOW	64QAM	21.08	21.15	21.24	22.30
		MID	64QAM	21.00	21.09	20.97	22.30
		HIGH	64QAM	21.06	21.18	21.12	22.30
	36	LOW	64QAM	20.02	20.15	20.02	21.30
		MID	64QAM	20.32	20.24	20.21	21.30
		HIGH	64QAM	19.97	20.09	20.06	21.30
75	LOW	64QAM	20.02	20.15	20.06	21.30	

LTE B26-Level4&5 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power	
1.4	1	LOW	QPSK	23.05	23.11	22.86	24.30	
		MID	QPSK	22.96	22.96	23.22	24.30	
		HIGH	QPSK	23.14	22.99	22.86	24.30	
	3	LOW	QPSK	22.90	23.25	22.91	24.30	
		MID	QPSK	23.04	22.83	23.34	24.30	
		HIGH	QPSK	23.21	22.91	22.96	24.30	
1.4	6	LOW	QPSK	22.16	22.12	22.13	23.30	
		1	LOW	Q16	21.85	22.36	22.47	23.30
			MID	Q16	22.06	22.58	22.65	23.30
	HIGH		Q16	22.01	22.40	22.48	23.30	
	3	LOW	Q16	21.99	22.48	22.52	23.30	
		MID	Q16	22.10	22.63	22.65	23.30	
HIGH		Q16	22.06	22.26	22.55	23.30		
1.4	6	LOW	Q16	21.17	21.22	20.92	22.30	
		1	LOW	64QAM	21.18	21.15	21.11	22.30
			MID	64QAM	21.04	21.09	20.85	22.30
	HIGH		64QAM	21.16	21.23	21.27	22.30	
	3	LOW	64QAM	21.09	21.15	21.08	22.30	
		MID	64QAM	20.92	21.24	20.97	22.30	
HIGH		64QAM	21.29	21.30	21.18	22.30		

Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power
3	1	LOW	QPSK	22.92	23.02	23.04	24.30
		MID	QPSK	23.08	23.10	23.09	24.30
		HIGH	QPSK	22.94	22.95	22.87	24.30
	8	LOW	QPSK	22.19	22.05	22.02	23.30
		MID	QPSK	22.04	22.09	22.18	23.30
		HIGH	QPSK	22.04	21.87	22.16	23.30
	15	LOW	QPSK	22.05	21.98	21.93	23.30
3	1	LOW	Q16	22.03	22.25	22.44	23.30
		MID	Q16	22.01	22.49	22.56	23.30
		HIGH	Q16	22.13	22.60	22.41	23.30
	8	LOW	Q16	21.01	21.13	20.83	22.30
		MID	Q16	20.96	21.13	21.01	22.30
		HIGH	Q16	21.09	21.07	21.16	22.30
	15	LOW	Q16	21.19	21.15	21.18	22.30
3	1	LOW	64QAM	21.16	21.01	21.35	22.30
		MID	64QAM	20.99	21.00	21.08	22.30
		HIGH	64QAM	20.98	21.09	21.03	22.30
	8	LOW	64QAM	19.90	20.12	20.09	21.30
		MID	64QAM	20.36	20.31	20.31	21.30
		HIGH	64QAM	19.99	20.17	19.96	21.30
	15	LOW	64QAM	20.14	20.30	19.97	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power
5	1	LOW	QPSK	23.04	23.01	22.82	24.30
		MID	QPSK	23.10	23.21	23.02	24.30
		HIGH	QPSK	23.06	22.96	23.04	24.30
	12	LOW	QPSK	22.12	22.13	21.92	23.30
		MID	QPSK	22.04	22.19	22.04	23.30
		HIGH	QPSK	22.06	21.95	22.11	23.30
	25	LOW	QPSK	22.22	22.14	22.15	23.30
5	1	LOW	Q16	22.14	22.39	22.26	23.30
		MID	Q16	22.14	22.57	22.72	23.30
		HIGH	Q16	21.98	22.57	22.48	23.30
	12	LOW	Q16	21.19	21.23	20.98	22.30
		MID	Q16	21.19	21.10	21.18	22.30
		HIGH	Q16	21.20	21.08	20.96	22.30
	25	LOW	Q16	21.28	21.03	21.01	22.30
5	1	LOW	64QAM	20.99	21.20	21.39	22.30
		MID	64QAM	20.97	21.02	21.11	22.30
		HIGH	64QAM	21.02	21.22	21.12	22.30
	12	LOW	64QAM	20.07	20.19	20.04	21.30
		MID	64QAM	20.40	20.09	20.18	21.30
		HIGH	64QAM	19.85	20.19	20.09	21.30
	25	LOW	64QAM	20.00	20.08	20.01	21.30

Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power
10	1	LOW	QPSK	22.88	22.82	22.99	24.30
		MID	QPSK	22.98	23.17	22.96	24.30
		HIGH	QPSK	23.10	23.23	23.01	24.30
	25	LOW	QPSK	22.24	21.94	21.89	23.30
		MID	QPSK	22.13	22.02	22.04	23.30
		HIGH	QPSK	21.97	22.09	22.18	23.30
	50	LOW	QPSK	22.22	21.98	22.08	23.30
10	1	LOW	Q16	22.13	22.36	22.52	23.30
		MID	Q16	22.21	22.47	22.47	23.30
		HIGH	Q16	21.98	22.35	22.57	23.30
	25	LOW	Q16	21.17	21.25	21.13	22.30
		MID	Q16	21.10	21.27	21.21	22.30
		HIGH	Q16	21.19	21.22	20.97	22.30
	50	LOW	Q16	21.00	21.03	21.13	22.30
10	1	LOW	64QAM	21.17	21.28	21.39	22.30
		MID	64QAM	21.13	21.04	21.03	22.30
		HIGH	64QAM	21.13	21.25	21.18	22.30
	25	LOW	64QAM	19.99	20.09	19.90	21.30
		MID	64QAM	20.38	20.37	20.36	21.30
		HIGH	64QAM	19.83	20.18	20.19	21.30
	50	LOW	64QAM	19.94	20.08	20.12	21.30
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power
15	1	LOW	QPSK	23.03	22.96	22.92	24.30
		MID	QPSK	23.06	23.07	23.08	24.30
		HIGH	QPSK	23.03	23.08	23.00	24.30
	36	LOW	QPSK	22.09	22.05	22.00	23.30
		MID	QPSK	22.12	22.05	22.13	23.30
		HIGH	QPSK	22.10	22.02	22.09	23.30
	75	LOW	QPSK	22.10	22.09	22.03	23.30
15	1	LOW	Q16	21.99	22.38	22.39	23.30
		MID	Q16	22.09	22.44	22.58	23.30
		HIGH	Q16	21.98	22.47	22.54	23.30
	36	LOW	Q16	21.12	21.14	20.98	22.30
		MID	Q16	21.08	21.12	21.11	22.30
		HIGH	Q16	21.13	21.10	21.07	22.30
	75	LOW	Q16	21.13	21.10	21.05	22.30
15	1	LOW	64QAM	21.08	21.15	21.24	22.30
		MID	64QAM	21.00	21.09	20.97	22.30
		HIGH	64QAM	21.06	21.18	21.12	22.30
	36	LOW	64QAM	20.02	20.15	20.02	21.30
		MID	64QAM	20.32	20.24	20.21	21.30
		HIGH	64QAM	19.97	20.09	20.06	21.30
	75	LOW	64QAM	20.02	20.15	20.06	21.30

8.3.8 LTE Band66 Output Power

LTE B66-Level1-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.87	13.70	13.51	14.30
		MID	QPSK	13.85	13.80	13.64	14.30
		HIGH	QPSK	13.58	13.78	13.71	14.30
	3	LOW	QPSK	13.84	13.59	13.71	14.30
		MID	QPSK	13.85	13.72	13.82	14.30
		HIGH	QPSK	13.97	13.65	13.58	14.30
	6	LOW	QPSK	13.72	13.76	13.81	14.30
		MID	QPSK	13.72	13.76	13.81	14.30
		HIGH	QPSK	13.72	13.76	13.81	14.30
1.4	1	LOW	Q16	13.61	13.55	13.37	14.30
		MID	Q16	13.51	13.77	13.66	14.30
		HIGH	Q16	13.85	13.41	13.38	14.30
	3	LOW	Q16	13.98	13.93	13.84	14.30
		MID	Q16	13.84	13.87	13.84	14.30
		HIGH	Q16	13.90	13.82	13.55	14.30
	6	LOW	Q16	13.65	13.59	13.89	14.30
		MID	Q16	13.65	13.59	13.89	14.30
		HIGH	Q16	13.65	13.59	13.89	14.30
1.4	1	LOW	64QAM	13.78	13.71	13.27	14.30
		MID	64QAM	13.82	13.71	13.60	14.30
		HIGH	64QAM	13.83	13.92	13.59	14.30
	3	LOW	64QAM	13.67	13.69	13.77	14.30
		MID	64QAM	13.66	13.56	13.71	14.30
		HIGH	64QAM	13.70	13.81	13.86	14.30
	6	LOW	64QAM	14.05	13.70	13.50	14.30
		MID	64QAM	14.05	13.70	13.50	14.30
		HIGH	64QAM	14.05	13.70	13.50	14.30
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	13.71	13.78	13.45	14.30
		MID	QPSK	13.84	13.72	13.63	14.30
		HIGH	QPSK	13.55	13.51	13.50	14.30
	8	LOW	QPSK	13.81	13.62	13.84	14.30
		MID	QPSK	13.93	13.66	13.70	14.30
		HIGH	QPSK	13.86	13.63	13.77	14.30
	15	LOW	QPSK	13.75	13.56	13.66	14.30
		MID	QPSK	13.75	13.56	13.66	14.30
		HIGH	QPSK	13.75	13.56	13.66	14.30
3	1	LOW	Q16	13.71	13.56	13.33	14.30
		MID	Q16	13.55	13.74	13.90	14.30
		HIGH	Q16	13.84	13.53	13.47	14.30
	8	LOW	Q16	13.88	13.85	13.84	14.30
		MID	Q16	13.94	13.69	13.71	14.30
		HIGH	Q16	13.86	13.83	13.70	14.30
	15	LOW	Q16	13.81	13.81	13.63	14.30
		MID	Q16	13.81	13.81	13.63	14.30
		HIGH	Q16	13.81	13.81	13.63	14.30
3	1	LOW	64QAM	13.97	13.59	13.43	14.30
		MID	64QAM	13.86	13.75	13.62	14.30
		HIGH	64QAM	13.85	13.95	13.66	14.30
	8	LOW	64QAM	13.73	13.77	13.90	14.30
		MID	64QAM	13.81	13.60	13.85	14.30
		HIGH	64QAM	13.89	13.77	13.77	14.30
	15	LOW	64QAM	13.82	13.66	13.71	14.30
		MID	64QAM	13.82	13.66	13.71	14.30
		HIGH	64QAM	13.82	13.66	13.71	14.30

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	13.86	13.66	13.59	14.30
		MID	QPSK	13.91	13.60	13.60	14.30
		HIGH	QPSK	13.69	13.79	13.61	14.30
	12	LOW	QPSK	13.66	13.81	13.88	14.30
		MID	QPSK	13.89	13.62	13.78	14.30
		HIGH	QPSK	13.84	13.65	13.69	14.30
	25	LOW	QPSK	13.61	13.57	13.58	14.30
5	1	LOW	Q16	13.62	13.41	13.45	14.30
		MID	Q16	13.76	13.54	13.71	14.30
		HIGH	Q16	13.86	13.61	13.52	14.30
	12	LOW	Q16	13.82	13.82	13.84	14.30
		MID	Q16	13.69	13.70	13.70	14.30
		HIGH	Q16	13.73	13.85	13.66	14.30
	25	LOW	Q16	13.65	13.74	13.65	14.30
5	1	LOW	64QAM	13.75	13.71	13.24	14.30
		MID	64QAM	13.77	13.73	13.61	14.30
		HIGH	64QAM	13.72	13.95	13.45	14.30
	12	LOW	64QAM	13.77	13.69	13.85	14.30
		MID	64QAM	13.78	13.64	13.88	14.30
		HIGH	64QAM	13.80	13.79	13.92	14.30
	25	LOW	64QAM	14.03	13.60	13.64	14.30
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	13.74	13.51	13.49	14.30
		MID	QPSK	13.87	13.71	13.56	14.30
		HIGH	QPSK	13.75	13.51	13.59	14.30
	25	LOW	QPSK	13.67	13.73	13.70	14.30
		MID	QPSK	13.83	13.62	13.75	14.30
		HIGH	QPSK	13.79	13.59	13.64	14.30
	50	LOW	QPSK	13.64	13.73	13.85	14.30
10	1	LOW	Q16	13.71	13.45	13.59	14.30
		MID	Q16	13.75	13.77	13.89	14.30
		HIGH	Q16	13.85	13.65	13.50	14.30
	25	LOW	Q16	13.88	13.81	13.76	14.30
		MID	Q16	13.72	13.82	13.68	14.30
		HIGH	Q16	13.62	13.71	13.62	14.30
	50	LOW	Q16	13.91	13.68	13.87	14.30
10	1	LOW	64QAM	13.71	13.63	13.38	14.30
		MID	64QAM	13.60	13.66	13.59	14.30
		HIGH	64QAM	13.75	13.94	13.57	14.30
	25	LOW	64QAM	13.84	13.92	13.79	14.30
		MID	64QAM	13.78	13.66	13.66	14.30
		HIGH	64QAM	13.68	13.86	13.90	14.30
	50	LOW	64QAM	13.89	13.74	13.53	14.30

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	13.71	13.58	13.50	14.30
		MID	QPSK	13.91	13.68	13.59	14.30
		HIGH	QPSK	13.84	13.69	13.46	14.30
	36	LOW	QPSK	13.69	13.77	13.76	14.30
		MID	QPSK	13.80	13.80	13.56	14.30
		HIGH	QPSK	13.76	13.69	13.75	14.30
	75	LOW	QPSK	13.63	13.61	13.82	14.30
15	1	LOW	Q16	13.90	13.52	13.52	14.30
		MID	Q16	13.73	13.78	13.60	14.30
		HIGH	Q16	13.59	13.65	13.45	14.30
	36	LOW	Q16	13.75	13.98	13.68	14.30
		MID	Q16	13.68	13.92	13.78	14.30
		HIGH	Q16	13.65	13.62	13.53	14.30
	75	LOW	Q16	13.74	13.72	13.62	14.30
15	1	LOW	64QAM	13.70	13.59	13.36	14.30
		MID	64QAM	13.85	13.77	13.60	14.30
		HIGH	64QAM	13.82	13.91	13.43	14.30
	36	LOW	64QAM	13.82	13.63	13.69	14.30
		MID	64QAM	13.87	13.61	13.61	14.30
		HIGH	64QAM	13.83	13.89	13.85	14.30
	75	LOW	64QAM	14.02	13.61	13.62	14.30
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	13.73	13.63	13.48	14.30
		MID	QPSK	13.76	13.67	13.63	14.30
		HIGH	QPSK	13.69	13.65	13.56	14.30
	50	LOW	QPSK	13.72	13.73	13.73	14.30
		MID	QPSK	13.78	13.68	13.71	14.30
		HIGH	QPSK	13.87	13.65	13.67	14.30
	100	LOW	QPSK	13.76	13.68	13.72	14.30
20	1	LOW	Q16	13.76	13.56	13.47	14.30
		MID	Q16	13.63	13.66	13.75	14.30
		HIGH	Q16	13.71	13.52	13.52	14.30
	50	LOW	Q16	13.85	13.87	13.77	14.30
		MID	Q16	13.79	13.79	13.74	14.30
		HIGH	Q16	13.77	13.77	13.59	14.30
	100	LOW	Q16	13.80	13.70	13.75	14.30
20	1	LOW	64QAM	13.84	13.69	13.36	14.30
		MID	64QAM	13.71	13.72	13.60	14.30
		HIGH	64QAM	13.77	13.80	13.58	14.30
	50	LOW	64QAM	13.74	13.78	13.78	14.30
		MID	64QAM	13.81	13.60	13.73	14.30
		HIGH	64QAM	13.75	13.79	13.78	14.30
	100	LOW	64QAM	13.90	13.60	13.60	14.30

LTE B66-Level1-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.15	23.06	23.02	23.80
		MID	QPSK	23.18	23.02	22.99	23.80
		HIGH	QPSK	23.19	23.00	23.02	23.80
	3	LOW	QPSK	23.24	23.06	23.11	23.80
		MID	QPSK	23.26	23.05	23.15	23.80
		HIGH	QPSK	23.27	23.06	23.10	23.80
	6	LOW	QPSK	22.25	22.16	22.07	22.80
1.4	1	LOW	Q16	22.37	22.49	22.08	23.30
		MID	Q16	22.38	22.46	22.11	23.30
		HIGH	Q16	22.37	22.51	22.11	23.30
	3	LOW	Q16	22.28	22.34	22.21	23.30
		MID	Q16	22.31	22.31	22.22	23.30
		HIGH	Q16	22.31	22.30	22.20	23.30
	6	LOW	Q16	21.34	20.99	21.21	22.30
1.4	1	LOW	64QAM	21.10	21.09	21.14	22.30
		MID	64QAM	21.31	21.06	21.36	22.30
		HIGH	64QAM	20.80	21.18	21.05	22.30
	3	LOW	64QAM	21.18	21.00	21.25	22.30
		MID	64QAM	21.36	20.97	21.22	22.30
		HIGH	64QAM	20.70	21.32	21.07	22.30
	6	LOW	64QAM	20.20	20.33	20.07	21.30
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.07	23.01	23.80
		MID	QPSK	23.18	23.05	22.96	23.80
		HIGH	QPSK	23.22	22.99	23.00	23.80
	8	LOW	QPSK	22.20	22.12	22.05	22.80
		MID	QPSK	22.21	22.08	22.06	22.80
		HIGH	QPSK	22.24	22.06	22.01	22.80
	15	LOW	QPSK	22.23	22.09	22.04	22.80
3	1	LOW	Q16	22.12	22.47	22.06	23.30
		MID	Q16	22.10	22.45	22.03	23.30
		HIGH	Q16	22.15	22.46	22.03	23.30
	8	LOW	Q16	21.31	21.20	21.04	22.30
		MID	Q16	21.31	21.14	21.06	22.30
		HIGH	Q16	21.35	21.14	21.05	22.30
	15	LOW	Q16	21.27	21.12	21.01	22.30
3	1	LOW	64QAM	21.06	21.10	21.40	22.30
		MID	64QAM	21.27	21.09	21.16	22.30
		HIGH	64QAM	20.81	21.02	21.30	22.30
	8	LOW	64QAM	20.11	20.01	20.32	21.30
		MID	64QAM	20.30	20.16	20.25	21.30
		HIGH	64QAM	20.09	20.05	20.23	21.30
	15	LOW	64QAM	20.34	20.07	20.06	21.30

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.42	23.15	23.09	23.80
		MID	QPSK	23.43	23.07	23.07	23.80
		HIGH	QPSK	23.48	23.13	23.11	23.80
	12	LOW	QPSK	22.24	22.13	22.10	22.80
		MID	QPSK	22.27	22.10	22.05	22.80
		HIGH	QPSK	22.26	22.02	22.04	22.80
	25	LOW	QPSK	22.25	22.08	22.08	22.80
5	1	LOW	Q16	22.51	22.70	22.12	23.30
		MID	Q16	22.51	22.67	22.06	23.30
		HIGH	Q16	22.55	22.72	22.11	23.30
	12	LOW	Q16	21.28	21.26	21.12	22.30
		MID	Q16	21.29	21.18	21.09	22.30
		HIGH	Q16	21.33	21.12	21.05	22.30
	25	LOW	Q16	21.31	21.15	21.01	22.30
5	1	LOW	64QAM	21.16	21.14	21.15	22.30
		MID	64QAM	21.25	21.22	21.36	22.30
		HIGH	64QAM	21.08	21.07	21.28	22.30
	12	LOW	64QAM	20.10	19.98	20.26	21.30
		MID	64QAM	20.44	20.08	20.44	21.30
		HIGH	64QAM	20.01	20.06	20.31	21.30
	25	LOW	64QAM	20.27	20.12	20.09	21.30
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.26	23.12	23.03	23.80
		MID	QPSK	23.31	23.11	23.02	23.80
		HIGH	QPSK	23.28	23.02	23.02	23.80
	25	LOW	QPSK	22.25	22.13	22.10	22.80
		MID	QPSK	22.25	22.10	22.05	22.80
		HIGH	QPSK	22.32	22.12	22.05	22.80
10	50	LOW	QPSK	22.30	22.14	22.12	22.80
	1	LOW	Q16	22.15	22.49	22.05	23.30
		MID	Q16	22.18	22.48	22.05	23.30
		HIGH	Q16	22.15	22.42	22.03	23.30
	25	LOW	Q16	21.25	21.19	21.20	22.30
		MID	Q16	21.31	21.14	21.11	22.30
		HIGH	Q16	21.33	21.12	21.11	22.30
	50	LOW	Q16	21.23	21.14	21.10	22.30
10	1	LOW	64QAM	21.10	21.22	21.33	22.30
		MID	64QAM	21.16	21.18	21.19	22.30
		HIGH	64QAM	20.86	21.10	21.23	22.30
	25	LOW	64QAM	20.18	19.99	20.14	21.30
		MID	64QAM	20.22	20.10	20.48	21.30
		HIGH	64QAM	20.11	20.20	20.15	21.30
	50	LOW	64QAM	20.17	20.30	20.10	21.30

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.18	23.08	22.91	23.80
		MID	QPSK	23.26	23.09	22.98	23.80
		HIGH	QPSK	23.19	22.96	22.88	23.80
	36	LOW	QPSK	22.21	22.09	22.04	22.80
		MID	QPSK	22.26	22.10	22.02	22.80
		HIGH	QPSK	22.24	22.06	21.96	22.80
	75	LOW	QPSK	22.24	22.11	22.05	22.80
15	1	LOW	Q16	22.09	22.48	22.37	23.30
		MID	Q16	22.19	22.48	22.36	23.30
		HIGH	Q16	22.11	22.35	22.31	23.30
	36	LOW	Q16	21.20	21.14	21.04	22.30
		MID	Q16	21.27	21.18	21.02	22.30
		HIGH	Q16	21.24	21.11	20.94	22.30
	75	LOW	Q16	21.24	21.10	21.00	22.30
15	1	LOW	64QAM	21.16	21.17	21.41	22.30
		MID	64QAM	21.27	21.13	21.20	22.30
		HIGH	64QAM	20.84	21.10	21.17	22.30
	36	LOW	64QAM	20.15	20.16	20.11	21.30
		MID	64QAM	20.44	20.22	20.38	21.30
		HIGH	64QAM	20.00	20.15	20.04	21.30
	75	LOW	64QAM	20.12	20.24	19.97	21.30
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.17	23.13	22.88	23.80
		MID	QPSK	23.29	23.14	22.98	23.80
		HIGH	QPSK	23.19	23.02	22.86	23.80
	50	LOW	QPSK	22.21	22.10	22.09	22.80
		MID	QPSK	22.33	22.18	22.08	22.80
		HIGH	QPSK	22.28	22.07	21.93	22.80
20	100	LOW	QPSK	22.26	22.09	21.99	22.80
	1	LOW	Q16	22.72	22.47	22.30	23.30
		MID	Q16	22.87	22.48	22.45	23.30
		HIGH	Q16	22.69	22.37	22.33	23.30
	50	LOW	Q16	21.20	21.09	21.04	22.30
		MID	Q16	21.30	21.15	21.00	22.30
		HIGH	Q16	21.25	21.05	20.88	22.30
	100	LOW	Q16	21.22	21.06	20.95	22.30
20	1	LOW	64QAM	21.07	21.15	21.26	22.30
		MID	64QAM	21.24	21.15	21.29	22.30
		HIGH	64QAM	20.93	21.06	21.16	22.30
	50	LOW	64QAM	20.12	20.11	20.18	21.30
		MID	64QAM	20.33	20.23	20.34	21.30
		HIGH	64QAM	20.05	20.15	20.17	21.30
	100	LOW	64QAM	20.26	20.22	20.07	21.30

LTE B66-Level2&3-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	11.81	11.71	11.51	12.30
		MID	QPSK	11.81	11.53	11.66	12.30
		HIGH	QPSK	11.47	11.45	11.52	12.30
	3	LOW	QPSK	11.72	11.59	11.82	12.30
		MID	QPSK	11.77	11.71	11.57	12.30
		HIGH	QPSK	11.84	11.51	11.76	12.30
	6	LOW	QPSK	11.82	11.79	11.62	12.30
		MID	QPSK	11.82	11.79	11.62	12.30
		HIGH	QPSK	11.82	11.79	11.62	12.30
1.4	1	LOW	Q16	11.94	11.61	11.20	12.30
		MID	Q16	11.42	11.89	11.51	12.30
		HIGH	Q16	11.55	11.56	11.68	12.30
	3	LOW	Q16	11.66	11.76	11.68	12.30
		MID	Q16	11.83	11.68	11.73	12.30
		HIGH	Q16	12.05	11.50	11.75	12.30
	6	LOW	Q16	11.53	11.64	11.61	12.30
		MID	Q16	11.53	11.64	11.61	12.30
		HIGH	Q16	11.53	11.64	11.61	12.30
1.4	1	LOW	64QAM	11.64	11.37	11.41	12.30
		MID	64QAM	11.57	11.84	11.60	12.30
		HIGH	64QAM	11.56	11.45	11.74	12.30
	3	LOW	64QAM	11.86	11.86	11.73	12.30
		MID	64QAM	11.87	11.51	11.84	12.30
		HIGH	64QAM	11.62	11.36	11.61	12.30
	6	LOW	64QAM	11.74	11.46	11.73	12.30
		MID	64QAM	11.74	11.46	11.73	12.30
		HIGH	64QAM	11.74	11.46	11.73	12.30
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	11.78	11.69	11.33	12.30
		MID	QPSK	11.78	11.61	11.73	12.30
		HIGH	QPSK	11.68	11.55	11.53	12.30
	8	LOW	QPSK	11.71	11.65	11.84	12.30
		MID	QPSK	11.74	11.59	11.70	12.30
		HIGH	QPSK	11.85	11.50	11.68	12.30
	15	LOW	QPSK	11.77	11.55	11.84	12.30
		MID	QPSK	11.77	11.55	11.84	12.30
		HIGH	QPSK	11.77	11.55	11.84	12.30
3	1	LOW	Q16	11.90	11.70	11.33	12.30
		MID	Q16	11.52	11.67	11.69	12.30
		HIGH	Q16	11.45	11.44	11.50	12.30
	8	LOW	Q16	11.82	11.63	11.78	12.30
		MID	Q16	11.90	11.59	11.92	12.30
		HIGH	Q16	11.91	11.59	11.74	12.30
	15	LOW	Q16	11.54	11.63	11.84	12.30
		MID	Q16	11.54	11.63	11.84	12.30
		HIGH	Q16	11.54	11.63	11.84	12.30
3	1	LOW	64QAM	11.71	11.58	11.30	12.30
		MID	64QAM	11.60	11.83	11.69	12.30
		HIGH	64QAM	11.53	11.51	11.46	12.30
	8	LOW	64QAM	11.66	11.83	11.86	12.30
		MID	64QAM	12.00	11.39	11.84	12.30
		HIGH	64QAM	11.82	11.51	11.77	12.30
	15	LOW	64QAM	11.93	11.45	11.68	12.30
		MID	64QAM	11.93	11.45	11.68	12.30
		HIGH	64QAM	11.93	11.45	11.68	12.30

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	11.61	11.55	11.44	12.30
		MID	QPSK	11.56	11.53	11.60	12.30
		HIGH	QPSK	11.56	11.45	11.59	12.30
	12	LOW	QPSK	11.68	11.77	11.86	12.30
		MID	QPSK	11.75	11.80	11.57	12.30
		HIGH	QPSK	12.00	11.64	11.73	12.30
	25	LOW	QPSK	11.60	11.63	11.78	12.30
5	1	LOW	Q16	11.94	11.52	11.29	12.30
		MID	Q16	11.67	11.93	11.64	12.30
		HIGH	Q16	11.63	11.38	11.47	12.30
	12	LOW	Q16	11.82	11.65	11.70	12.30
		MID	Q16	11.81	11.53	11.86	12.30
		HIGH	Q16	11.77	11.56	11.76	12.30
	25	LOW	Q16	11.58	11.63	11.70	12.30
5	1	LOW	64QAM	11.59	11.50	11.37	12.30
		MID	64QAM	11.74	11.64	11.63	12.30
		HIGH	64QAM	11.43	11.30	11.66	12.30
	12	LOW	64QAM	11.75	11.77	11.79	12.30
		MID	64QAM	11.83	11.64	11.61	12.30
		HIGH	64QAM	11.86	11.35	11.81	12.30
	25	LOW	64QAM	11.97	11.64	11.81	12.30
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	11.60	11.57	11.44	12.30
		MID	QPSK	11.71	11.57	11.47	12.30
		HIGH	QPSK	11.57	11.55	11.55	12.30
	25	LOW	QPSK	11.84	11.63	11.83	12.30
		MID	QPSK	11.65	11.73	11.72	12.30
		HIGH	QPSK	11.89	11.76	11.52	12.30
	50	LOW	QPSK	11.61	11.74	11.66	12.30
10	1	LOW	Q16	11.85	11.48	11.25	12.30
		MID	Q16	11.63	11.94	11.64	12.30
		HIGH	Q16	11.72	11.45	11.52	12.30
	25	LOW	Q16	11.86	11.69	11.67	12.30
		MID	Q16	11.93	11.62	11.76	12.30
		HIGH	Q16	11.90	11.50	11.83	12.30
	50	LOW	Q16	11.67	11.56	11.64	12.30
10	1	LOW	64QAM	11.66	11.66	11.13	12.30
		MID	64QAM	11.64	11.62	11.53	12.30
		HIGH	64QAM	11.50	11.58	11.70	12.30
	25	LOW	64QAM	11.84	11.76	11.63	12.30
		MID	64QAM	12.04	11.44	11.62	12.30
		HIGH	64QAM	11.66	11.54	11.73	12.30
	50	LOW	64QAM	11.83	11.44	11.84	12.30

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	11.68	11.51	11.50	12.30
		MID	QPSK	11.76	11.70	11.55	12.30
		HIGH	QPSK	11.53	11.71	11.46	12.30
	36	LOW	QPSK	11.57	11.68	11.59	12.30
		MID	QPSK	11.77	11.69	11.51	12.30
		HIGH	QPSK	11.88	11.73	11.73	12.30
	75	LOW	QPSK	11.67	11.79	11.67	12.30
15	1	LOW	Q16	11.68	11.45	11.24	12.30
		MID	Q16	11.68	11.81	11.48	12.30
		HIGH	Q16	11.48	11.47	11.60	12.30
	36	LOW	Q16	11.71	11.63	11.49	12.30
		MID	Q16	11.79	11.77	11.76	12.30
		HIGH	Q16	11.91	11.59	11.90	12.30
	75	LOW	Q16	11.67	11.59	11.68	12.30
15	1	LOW	64QAM	11.45	11.39	11.29	12.30
		MID	64QAM	11.72	11.66	11.79	12.30
		HIGH	64QAM	11.57	11.50	11.53	12.30
	36	LOW	64QAM	11.74	11.62	11.64	12.30
		MID	64QAM	11.84	11.63	11.80	12.30
		HIGH	64QAM	11.75	11.42	11.69	12.30
	75	LOW	64QAM	11.83	11.48	11.86	12.30
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	11.66	11.57	11.41	12.30
		MID	QPSK	11.67	11.66	11.61	12.30
		HIGH	QPSK	11.62	11.59	11.55	12.30
	50	LOW	QPSK	11.70	11.71	11.73	12.30
		MID	QPSK	11.77	11.69	11.66	12.30
		HIGH	QPSK	11.85	11.61	11.64	12.30
20	100	LOW	QPSK	11.75	11.64	11.69	12.30
	1	LOW	Q16	11.81	11.57	11.34	12.30
		MID	Q16	11.53	11.80	11.57	12.30
		HIGH	Q16	11.58	11.44	11.58	12.30
	50	LOW	Q16	11.74	11.76	11.64	12.30
		MID	Q16	11.83	11.62	11.77	12.30
		HIGH	Q16	11.92	11.58	11.79	12.30
	100	LOW	Q16	11.60	11.49	11.71	12.30
20	1	LOW	64QAM	11.60	11.52	11.26	12.30
		MID	64QAM	11.67	11.77	11.64	12.30
		HIGH	64QAM	11.49	11.44	11.60	12.30
	50	LOW	64QAM	11.78	11.71	11.72	12.30
		MID	64QAM	11.89	11.54	11.73	12.30
		HIGH	64QAM	11.77	11.49	11.72	12.30
	100	LOW	64QAM	11.84	11.51	11.76	12.30

LTE B66-Level2&3-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.15	23.06	23.02	23.80
		MID	QPSK	23.18	23.02	22.99	23.80
		HIGH	QPSK	23.19	23.00	23.02	23.80
	3	LOW	QPSK	23.24	23.06	23.11	23.80
		MID	QPSK	23.26	23.05	23.15	23.80
		HIGH	QPSK	23.27	23.06	23.10	23.80
	6	LOW	QPSK	22.25	22.16	22.07	22.80
1.4	1	LOW	Q16	22.37	22.49	22.08	23.30
		MID	Q16	22.38	22.46	22.11	23.30
		HIGH	Q16	22.37	22.51	22.11	23.30
	3	LOW	Q16	22.28	22.34	22.21	23.30
		MID	Q16	22.31	22.31	22.22	23.30
		HIGH	Q16	22.31	22.30	22.20	23.30
	6	LOW	Q16	21.34	20.99	21.21	22.30
1.4	1	LOW	64QAM	21.10	21.09	21.14	22.30
		MID	64QAM	21.31	21.06	21.36	22.30
		HIGH	64QAM	20.80	21.18	21.05	22.30
	3	LOW	64QAM	21.18	21.00	21.25	22.30
		MID	64QAM	21.36	20.97	21.22	22.30
		HIGH	64QAM	20.70	21.32	21.07	22.30
	6	LOW	64QAM	20.20	20.33	20.07	21.30
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.22	23.07	23.01	23.80
		MID	QPSK	23.18	23.05	22.96	23.80
		HIGH	QPSK	23.22	22.99	23.00	23.80
	8	LOW	QPSK	22.20	22.12	22.05	22.80
		MID	QPSK	22.21	22.08	22.06	22.80
		HIGH	QPSK	22.24	22.06	22.01	22.80
	15	LOW	QPSK	22.23	22.09	22.04	22.80
3	1	LOW	Q16	22.12	22.47	22.06	23.30
		MID	Q16	22.10	22.45	22.03	23.30
		HIGH	Q16	22.15	22.46	22.03	23.30
	8	LOW	Q16	21.31	21.20	21.04	22.30
		MID	Q16	21.31	21.14	21.06	22.30
		HIGH	Q16	21.35	21.14	21.05	22.30
	15	LOW	Q16	21.27	21.12	21.01	22.30
3	1	LOW	64QAM	21.06	21.10	21.40	22.30
		MID	64QAM	21.27	21.09	21.16	22.30
		HIGH	64QAM	20.81	21.02	21.30	22.30
	8	LOW	64QAM	20.11	20.01	20.32	21.30
		MID	64QAM	20.30	20.16	20.25	21.30
		HIGH	64QAM	20.09	20.05	20.23	21.30
	15	LOW	64QAM	20.34	20.07	20.06	21.30

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.42	23.15	23.09	23.80
		MID	QPSK	23.43	23.07	23.07	23.80
		HIGH	QPSK	23.48	23.13	23.11	23.80
	12	LOW	QPSK	22.24	22.13	22.10	22.80
		MID	QPSK	22.27	22.10	22.05	22.80
		HIGH	QPSK	22.26	22.02	22.04	22.80
	25	LOW	QPSK	22.25	22.08	22.08	22.80
5	1	LOW	Q16	22.51	22.70	22.12	23.30
		MID	Q16	22.51	22.67	22.06	23.30
		HIGH	Q16	22.55	22.72	22.11	23.30
	12	LOW	Q16	21.28	21.26	21.12	22.30
		MID	Q16	21.29	21.18	21.09	22.30
		HIGH	Q16	21.33	21.12	21.05	22.30
	25	LOW	Q16	21.31	21.15	21.01	22.30
5	1	LOW	64QAM	21.16	21.14	21.15	22.30
		MID	64QAM	21.25	21.22	21.36	22.30
		HIGH	64QAM	21.08	21.07	21.28	22.30
	12	LOW	64QAM	20.10	19.98	20.26	21.30
		MID	64QAM	20.44	20.08	20.44	21.30
		HIGH	64QAM	20.01	20.06	20.31	21.30
	25	LOW	64QAM	20.27	20.12	20.09	21.30
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.26	23.12	23.03	23.80
		MID	QPSK	23.31	23.11	23.02	23.80
		HIGH	QPSK	23.28	23.02	23.02	23.80
	25	LOW	QPSK	22.25	22.13	22.10	22.80
		MID	QPSK	22.25	22.10	22.05	22.80
		HIGH	QPSK	22.32	22.12	22.05	22.80
	50	LOW	QPSK	22.30	22.14	22.12	22.80
10	1	LOW	Q16	22.15	22.49	22.05	23.30
		MID	Q16	22.18	22.48	22.05	23.30
		HIGH	Q16	22.15	22.42	22.03	23.30
	25	LOW	Q16	21.25	21.19	21.20	22.30
		MID	Q16	21.31	21.14	21.11	22.30
		HIGH	Q16	21.33	21.12	21.11	22.30
	50	LOW	Q16	21.23	21.14	21.10	22.30
10	1	LOW	64QAM	21.10	21.22	21.33	22.30
		MID	64QAM	21.16	21.18	21.19	22.30
		HIGH	64QAM	20.86	21.10	21.23	22.30
	25	LOW	64QAM	20.18	19.99	20.14	21.30
		MID	64QAM	20.22	20.10	20.48	21.30
		HIGH	64QAM	20.11	20.20	20.15	21.30
	50	LOW	64QAM	20.17	20.30	20.10	21.30

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.18	23.08	22.91	23.80
		MID	QPSK	23.26	23.09	22.98	23.80
		HIGH	QPSK	23.19	22.96	22.88	23.80
	36	LOW	QPSK	22.21	22.09	22.04	22.80
		MID	QPSK	22.26	22.10	22.02	22.80
		HIGH	QPSK	22.24	22.06	21.96	22.80
	75	LOW	QPSK	22.24	22.11	22.05	22.80
15	1	LOW	Q16	22.09	22.48	22.37	23.30
		MID	Q16	22.19	22.48	22.36	23.30
		HIGH	Q16	22.11	22.35	22.31	23.30
	36	LOW	Q16	21.20	21.14	21.04	22.30
		MID	Q16	21.27	21.18	21.02	22.30
		HIGH	Q16	21.24	21.11	20.94	22.30
	75	LOW	Q16	21.24	21.10	21.00	22.30
15	1	LOW	64QAM	21.16	21.17	21.41	22.30
		MID	64QAM	21.27	21.13	21.20	22.30
		HIGH	64QAM	20.84	21.10	21.17	22.30
	36	LOW	64QAM	20.15	20.16	20.11	21.30
		MID	64QAM	20.44	20.22	20.38	21.30
		HIGH	64QAM	20.00	20.15	20.04	21.30
	75	LOW	64QAM	20.12	20.24	19.97	21.30
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.17	23.13	22.88	23.80
		MID	QPSK	23.29	23.14	22.98	23.80
		HIGH	QPSK	23.19	23.02	22.86	23.80
	50	LOW	QPSK	22.21	22.10	22.09	22.80
		MID	QPSK	22.33	22.18	22.08	22.80
		HIGH	QPSK	22.28	22.07	21.93	22.80
	100	LOW	QPSK	22.26	22.09	21.99	22.80
20	1	LOW	Q16	22.72	22.47	22.30	23.30
		MID	Q16	22.87	22.48	22.45	23.30
		HIGH	Q16	22.69	22.37	22.33	23.30
	50	LOW	Q16	21.20	21.09	21.04	22.30
		MID	Q16	21.30	21.15	21.00	22.30
		HIGH	Q16	21.25	21.05	20.88	22.30
	100	LOW	Q16	21.22	21.06	20.95	22.30
20	1	LOW	64QAM	21.07	21.15	21.26	22.30
		MID	64QAM	21.24	21.15	21.29	22.30
		HIGH	64QAM	20.93	21.06	21.16	22.30
	50	LOW	64QAM	20.12	20.11	20.18	21.30
		MID	64QAM	20.33	20.23	20.34	21.30
		HIGH	64QAM	20.05	20.15	20.17	21.30
	100	LOW	64QAM	20.26	20.22	20.07	21.30

LTE B66-Level4-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.22	19.07	19.06	19.80
		MID	QPSK	19.52	19.17	19.31	19.80
		HIGH	QPSK	19.41	19.35	19.07	19.80
	3	LOW	QPSK	19.34	19.26	19.49	19.80
		MID	QPSK	19.47	19.45	19.25	19.80
		HIGH	QPSK	19.46	19.30	19.26	19.80
	6	LOW	QPSK	19.33	19.25	19.44	19.80
1.4	1	LOW	Q16	19.11	19.20	19.07	19.80
		MID	Q16	19.42	19.22	19.37	19.80
		HIGH	Q16	19.15	19.31	19.14	19.80
	3	LOW	Q16	19.48	19.31	19.38	19.80
		MID	Q16	19.45	19.29	19.30	19.80
		HIGH	Q16	19.60	19.47	19.08	19.80
	6	LOW	Q16	19.56	19.25	19.35	19.80
1.4	1	LOW	64QAM	19.21	19.26	19.00	19.80
		MID	64QAM	19.29	19.29	19.15	19.80
		HIGH	64QAM	19.50	19.00	19.07	19.80
	3	LOW	64QAM	19.33	19.26	19.30	19.80
		MID	64QAM	19.43	19.53	19.18	19.80
		HIGH	64QAM	19.63	19.10	19.43	19.80
	6	LOW	64QAM	19.25	19.43	19.30	19.80
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.39	19.07	19.14	19.80
		MID	QPSK	19.47	19.26	19.16	19.80
		HIGH	QPSK	19.21	19.32	19.29	19.80
	8	LOW	QPSK	19.44	19.32	19.46	19.80
		MID	QPSK	19.51	19.36	19.38	19.80
		HIGH	QPSK	19.49	19.19	19.13	19.80
	15	LOW	QPSK	19.46	19.21	19.47	19.80
3	1	LOW	Q16	19.18	19.39	19.08	19.80
		MID	Q16	19.13	19.28	19.47	19.80
		HIGH	Q16	19.28	19.27	19.12	19.80
	8	LOW	Q16	19.33	19.47	19.41	19.80
		MID	Q16	19.35	19.19	19.20	19.80
		HIGH	Q16	19.57	19.30	19.31	19.80
	15	LOW	Q16	19.42	19.20	19.30	19.80
3	1	LOW	64QAM	19.15	19.33	19.23	19.80
		MID	64QAM	19.33	19.09	19.25	19.80
		HIGH	64QAM	19.40	19.11	19.34	19.80
	8	LOW	64QAM	19.14	19.24	19.35	19.80
		MID	64QAM	19.58	19.44	19.14	19.80
		HIGH	64QAM	19.67	19.21	19.40	19.80
	15	LOW	64QAM	19.34	19.33	19.32	19.80

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.34	19.24	19.23	19.80
		MID	QPSK	19.36	19.28	19.14	19.80
		HIGH	QPSK	19.24	19.15	19.21	19.80
	12	LOW	QPSK	19.20	19.19	19.43	19.80
		MID	QPSK	19.42	19.30	19.28	19.80
		HIGH	QPSK	19.41	19.21	19.16	19.80
	25	LOW	QPSK	19.44	19.11	19.50	19.80
5	1	LOW	Q16	19.11	19.32	19.05	19.80
		MID	Q16	19.24	19.17	19.32	19.80
		HIGH	Q16	19.23	19.34	19.12	19.80
	12	LOW	Q16	19.53	19.51	19.33	19.80
		MID	Q16	19.41	19.43	19.27	19.80
		HIGH	Q16	19.34	19.28	19.18	19.80
	25	LOW	Q16	19.46	19.16	19.32	19.80
5	1	LOW	64QAM	19.30	19.19	19.11	19.80
		MID	64QAM	19.33	19.20	19.10	19.80
		HIGH	64QAM	19.42	19.21	19.31	19.80
	12	LOW	64QAM	19.32	19.35	19.34	19.80
		MID	64QAM	19.35	19.50	19.37	19.80
		HIGH	64QAM	19.62	19.23	19.23	19.80
	25	LOW	64QAM	19.18	19.49	19.34	19.80
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.19	19.08	19.12	19.80
		MID	QPSK	19.30	19.31	19.31	19.80
		HIGH	QPSK	19.39	19.18	19.13	19.80
	25	LOW	QPSK	19.44	19.32	19.37	19.80
		MID	QPSK	19.53	19.40	19.24	19.80
		HIGH	QPSK	19.59	19.14	19.35	19.80
10	50	LOW	QPSK	19.50	19.23	19.32	19.80
	1	LOW	Q16	19.00	19.31	19.04	19.80
		MID	Q16	19.19	19.37	19.41	19.80
		HIGH	Q16	19.38	19.18	19.13	19.80
	25	LOW	Q16	19.55	19.37	19.47	19.80
		MID	Q16	19.50	19.38	19.17	19.80
		HIGH	Q16	19.55	19.48	19.10	19.80
	50	LOW	Q16	19.47	19.26	19.51	19.80
10	1	LOW	64QAM	19.27	19.40	19.02	19.80
		MID	64QAM	19.36	19.22	19.12	19.80
		HIGH	64QAM	19.59	19.00	19.25	19.80
	25	LOW	64QAM	19.32	19.44	19.30	19.80
		MID	64QAM	19.39	19.61	19.35	19.80
		HIGH	64QAM	19.63	19.18	19.44	19.80
	50	LOW	64QAM	19.38	19.21	19.50	19.80

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.26	19.14	18.95	19.80
		MID	QPSK	19.53	19.39	19.23	19.80
		HIGH	QPSK	19.23	19.21	19.06	19.80
	36	LOW	QPSK	19.36	19.25	19.34	19.80
		MID	QPSK	19.41	19.28	19.35	19.80
		HIGH	QPSK	19.48	19.33	19.41	19.80
	75	LOW	QPSK	19.50	19.30	19.37	19.80
15	1	LOW	Q16	18.98	19.17	18.83	19.80
		MID	Q16	19.21	19.22	19.34	19.80
		HIGH	Q16	19.29	19.40	19.10	19.80
	36	LOW	Q16	19.56	19.49	19.62	19.80
		MID	Q16	19.55	19.42	19.24	19.80
		HIGH	Q16	19.52	19.21	19.11	19.80
	75	LOW	Q16	19.48	19.19	19.46	19.80
15	1	LOW	64QAM	19.12	19.44	19.11	19.80
		MID	64QAM	19.45	19.14	19.17	19.80
		HIGH	64QAM	19.47	19.14	19.27	19.80
	36	LOW	64QAM	19.16	19.47	19.34	19.80
		MID	64QAM	19.46	19.62	19.18	19.80
		HIGH	64QAM	19.67	19.21	19.17	19.80
	75	LOW	64QAM	19.44	19.28	19.23	19.80
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.26	19.17	19.08	19.80
		MID	QPSK	19.39	19.30	19.29	19.80
		HIGH	QPSK	19.35	19.21	19.18	19.80
	50	LOW	QPSK	19.33	19.31	19.35	19.80
		MID	QPSK	19.38	19.34	19.28	19.80
		HIGH	QPSK	19.46	19.22	19.26	19.80
	100	LOW	QPSK	19.40	19.24	19.35	19.80
20	1	LOW	Q16	19.12	19.32	18.95	19.80
		MID	Q16	19.28	19.24	19.33	19.80
		HIGH	Q16	19.26	19.31	19.04	19.80
	50	LOW	Q16	19.41	19.41	19.48	19.80
		MID	Q16	19.40	19.31	19.17	19.80
		HIGH	Q16	19.45	19.33	19.22	19.80
	100	LOW	Q16	19.44	19.19	19.38	19.80
20	1	LOW	64QAM	19.24	19.31	19.14	19.80
		MID	64QAM	19.37	19.24	19.25	19.80
		HIGH	64QAM	19.48	19.06	19.20	19.80
	50	LOW	64QAM	19.27	19.32	19.32	19.80
		MID	64QAM	19.49	19.49	19.24	19.80
		HIGH	64QAM	19.61	19.14	19.30	19.80
	100	LOW	64QAM	19.29	19.34	19.38	19.80

LTE B66-Level4-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.65	19.71	19.45	20.30
		MID	QPSK	19.83	19.66	19.81	20.30
		HIGH	QPSK	19.67	19.35	19.74	20.30
	3	LOW	QPSK	19.65	19.64	19.45	20.30
		MID	QPSK	19.67	19.63	19.68	20.30
		HIGH	QPSK	19.60	19.42	19.61	20.30
1.4	1	LOW	Q16	19.39	19.75	19.54	20.30
		MID	Q16	19.70	19.65	19.82	20.30
		HIGH	Q16	19.73	19.55	19.51	20.30
	3	LOW	Q16	19.82	19.52	19.44	20.30
		MID	Q16	19.73	19.87	19.91	20.30
		HIGH	Q16	19.90	19.62	19.62	20.30
1.4	1	LOW	Q16	19.47	19.53	19.72	20.30
		MID	Q16	19.47	19.53	19.72	20.30
		HIGH	Q16	19.47	19.53	19.72	20.30
	3	LOW	Q16	19.47	19.53	19.72	20.30
		MID	Q16	19.47	19.53	19.72	20.30
		HIGH	Q16	19.47	19.53	19.72	20.30
1.4	1	LOW	64QAM	19.55	19.61	19.57	20.30
		MID	64QAM	19.65	19.80	19.97	20.30
		HIGH	64QAM	19.87	19.48	19.65	20.30
	3	LOW	64QAM	19.46	19.54	19.56	20.30
		MID	64QAM	19.93	19.49	19.70	20.30
		HIGH	64QAM	20.00	19.53	19.62	20.30
1.4	1	LOW	64QAM	19.80	19.38	19.63	20.30
		MID	64QAM	19.80	19.38	19.63	20.30
		HIGH	64QAM	19.80	19.38	19.63	20.30
	3	LOW	64QAM	19.80	19.38	19.63	20.30
		MID	64QAM	19.80	19.38	19.63	20.30
		HIGH	64QAM	19.80	19.38	19.63	20.30
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.56	19.65	19.37	20.30
		MID	QPSK	19.61	19.67	19.58	20.30
		HIGH	QPSK	19.79	19.50	19.46	20.30
	8	LOW	QPSK	19.68	19.72	19.73	20.30
		MID	QPSK	19.69	19.78	19.79	20.30
		HIGH	QPSK	19.63	19.68	19.74	20.30
3	1	LOW	QPSK	19.60	19.75	19.65	20.30
		MID	QPSK	19.60	19.75	19.65	20.30
		HIGH	QPSK	19.60	19.75	19.65	20.30
	8	LOW	QPSK	19.60	19.75	19.65	20.30
		MID	QPSK	19.60	19.75	19.65	20.30
		HIGH	QPSK	19.60	19.75	19.65	20.30
3	1	LOW	Q16	19.62	19.80	19.62	20.30
		MID	Q16	19.77	19.50	19.84	20.30
		HIGH	Q16	19.66	19.52	19.69	20.30
	8	LOW	Q16	19.65	19.60	19.50	20.30
		MID	Q16	19.83	19.88	19.88	20.30
		HIGH	Q16	19.72	19.59	19.74	20.30
3	1	LOW	Q16	19.55	19.62	19.79	20.30
		MID	Q16	19.55	19.62	19.79	20.30
		HIGH	Q16	19.55	19.62	19.79	20.30
	8	LOW	Q16	19.55	19.62	19.79	20.30
		MID	Q16	19.55	19.62	19.79	20.30
		HIGH	Q16	19.55	19.62	19.79	20.30
3	1	LOW	64QAM	19.51	19.55	19.52	20.30
		MID	64QAM	19.91	19.79	19.97	20.30
		HIGH	64QAM	19.81	19.42	19.76	20.30
	8	LOW	64QAM	19.51	19.45	19.50	20.30
		MID	64QAM	19.71	19.72	19.65	20.30
		HIGH	64QAM	19.97	19.41	19.75	20.30
3	1	LOW	64QAM	19.71	19.62	19.39	20.30
		MID	64QAM	19.71	19.62	19.39	20.30
		HIGH	64QAM	19.71	19.62	19.39	20.30
	8	LOW	64QAM	19.71	19.62	19.39	20.30
		MID	64QAM	19.71	19.62	19.39	20.30
		HIGH	64QAM	19.71	19.62	19.39	20.30

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.70	19.65	19.39	20.30
		MID	QPSK	19.80	19.86	19.72	20.30
		HIGH	QPSK	19.56	19.58	19.60	20.30
	12	LOW	QPSK	19.69	19.59	19.74	20.30
		MID	QPSK	19.90	19.60	19.75	20.30
		HIGH	QPSK	19.73	19.42	19.68	20.30
	25	LOW	QPSK	19.55	19.46	19.52	20.30
5	1	LOW	Q16	19.52	19.74	19.56	20.30
		MID	Q16	19.73	19.66	19.82	20.30
		HIGH	Q16	19.52	19.48	19.44	20.30
	12	LOW	Q16	19.78	19.47	19.49	20.30
		MID	Q16	19.59	19.93	19.66	20.30
		HIGH	Q16	19.77	19.44	19.72	20.30
	25	LOW	Q16	19.59	19.58	19.61	20.30
5	1	LOW	64QAM	19.55	19.59	19.53	20.30
		MID	64QAM	19.65	19.76	19.87	20.30
		HIGH	64QAM	19.87	19.47	19.73	20.30
	12	LOW	64QAM	19.64	19.58	19.53	20.30
		MID	64QAM	19.83	19.72	19.82	20.30
		HIGH	64QAM	19.79	19.38	19.77	20.30
	25	LOW	64QAM	19.84	19.50	19.58	20.30
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.65	19.59	19.56	20.30
		MID	QPSK	19.66	19.82	19.82	20.30
		HIGH	QPSK	19.79	19.39	19.56	20.30
	25	LOW	QPSK	19.56	19.71	19.52	20.30
		MID	QPSK	19.64	19.58	19.63	20.30
		HIGH	QPSK	19.75	19.59	19.47	20.30
	50	LOW	QPSK	19.79	19.45	19.75	20.30
10	1	LOW	Q16	19.51	19.80	19.64	20.30
		MID	Q16	19.83	19.78	19.84	20.30
		HIGH	Q16	19.61	19.48	19.61	20.30
	25	LOW	Q16	19.85	19.66	19.51	20.30
		MID	Q16	19.68	19.77	19.63	20.30
		HIGH	Q16	19.74	19.61	19.67	20.30
	50	LOW	Q16	19.49	19.69	19.83	20.30
10	1	LOW	64QAM	19.72	19.83	19.47	20.30
		MID	64QAM	19.73	19.65	19.96	20.30
		HIGH	64QAM	19.79	19.53	19.73	20.30
	25	LOW	64QAM	19.63	19.58	19.64	20.30
		MID	64QAM	19.93	19.47	19.77	20.30
		HIGH	64QAM	19.99	19.36	19.66	20.30
	50	LOW	64QAM	19.73	19.63	19.50	20.30

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.70	19.75	19.38	20.30
		MID	QPSK	19.69	19.66	19.61	20.30
		HIGH	QPSK	19.65	19.53	19.72	20.30
	36	LOW	QPSK	19.72	19.61	19.61	20.30
		MID	QPSK	19.69	19.68	19.79	20.30
		HIGH	QPSK	19.71	19.70	19.74	20.30
	75	LOW	QPSK	19.67	19.56	19.45	20.30
15	1	LOW	Q16	19.66	19.76	19.62	20.30
		MID	Q16	19.86	19.75	19.68	20.30
		HIGH	Q16	19.62	19.32	19.49	20.30
	36	LOW	Q16	19.67	19.69	19.43	20.30
		MID	Q16	19.80	19.95	19.91	20.30
		HIGH	Q16	19.63	19.48	19.76	20.30
	75	LOW	Q16	19.52	19.59	19.64	20.30
15	1	LOW	64QAM	19.50	19.78	19.56	20.30
		MID	64QAM	19.82	19.62	19.72	20.30
		HIGH	64QAM	19.74	19.52	19.64	20.30
	36	LOW	64QAM	19.62	19.39	19.56	20.30
		MID	64QAM	19.72	19.63	19.71	20.30
		HIGH	64QAM	19.88	19.57	19.65	20.30
	75	LOW	64QAM	19.90	19.52	19.44	20.30
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.64	19.68	19.49	20.30
		MID	QPSK	19.74	19.71	19.71	20.30
		HIGH	QPSK	19.64	19.47	19.60	20.30
	50	LOW	QPSK	19.63	19.66	19.59	20.30
		MID	QPSK	19.79	19.71	19.68	20.30
		HIGH	QPSK	19.74	19.56	19.62	20.30
	100	LOW	QPSK	19.66	19.60	19.60	20.30
20	1	LOW	Q16	19.51	19.83	19.59	20.30
		MID	Q16	19.71	19.65	19.81	20.30
		HIGH	Q16	19.61	19.40	19.58	20.30
	50	LOW	Q16	19.71	19.59	19.44	20.30
		MID	Q16	19.72	19.84	19.77	20.30
		HIGH	Q16	19.77	19.54	19.74	20.30
	100	LOW	Q16	19.52	19.56	19.74	20.30
20	1	LOW	64QAM	19.63	19.69	19.48	20.30
		MID	64QAM	19.77	19.65	19.82	20.30
		HIGH	64QAM	19.77	19.54	19.64	20.30
	50	LOW	64QAM	19.55	19.52	19.64	20.30
		MID	64QAM	19.81	19.58	19.73	20.30
		HIGH	64QAM	19.85	19.44	19.72	20.30
	100	LOW	64QAM	19.78	19.50	19.51	20.30

LTE B66-Level5&6-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.30	17.23	16.76	17.80
		MID	QPSK	17.34	17.26	17.06	17.80
		HIGH	QPSK	17.15	16.84	16.86	17.80
	3	LOW	QPSK	17.31	17.21	16.90	17.80
		MID	QPSK	17.30	17.34	17.09	17.80
		HIGH	QPSK	17.34	17.21	17.13	17.80
	6	LOW	QPSK	17.20	17.26	17.09	17.80
1.4	1	LOW	Q16	17.08	17.21	16.84	17.80
		MID	Q16	17.14	16.98	17.22	17.80
		HIGH	Q16	17.22	16.73	17.02	17.80
	3	LOW	Q16	17.38	17.23	17.15	17.80
		MID	Q16	17.31	17.33	17.14	17.80
		HIGH	Q16	17.32	17.03	17.04	17.80
	6	LOW	Q16	17.09	17.07	17.12	17.80
1.4	1	LOW	64QAM	17.24	17.18	16.92	17.80
		MID	64QAM	17.22	17.33	16.99	17.80
		HIGH	64QAM	17.15	16.86	17.03	17.80
	3	LOW	64QAM	17.15	17.21	17.08	17.80
		MID	64QAM	17.40	17.07	17.06	17.80
		HIGH	64QAM	17.38	16.81	16.87	17.80
	6	LOW	64QAM	17.42	17.30	16.90	17.80
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.27	17.12	16.91	17.80
		MID	QPSK	17.21	17.22	17.05	17.80
		HIGH	QPSK	17.22	16.92	16.80	17.80
	8	LOW	QPSK	17.37	17.27	16.92	17.80
		MID	QPSK	17.17	17.33	16.98	17.80
		HIGH	QPSK	17.28	16.91	17.00	17.80
15	LOW	QPSK	17.19	17.13	17.02	17.80	
3	1	LOW	Q16	17.06	17.35	17.01	17.80
		MID	Q16	17.25	16.97	17.17	17.80
		HIGH	Q16	17.08	16.86	16.99	17.80
	8	LOW	Q16	17.26	17.30	17.19	17.80
		MID	Q16	17.16	17.18	17.05	17.80
		HIGH	Q16	17.37	17.05	16.84	17.80
15	LOW	Q16	17.02	17.21	17.19	17.80	
3	1	LOW	64QAM	17.10	17.27	16.77	17.80
		MID	64QAM	17.33	17.28	17.02	17.80
		HIGH	64QAM	16.92	16.98	16.84	17.80
	8	LOW	64QAM	17.36	17.27	17.20	17.80
		MID	64QAM	17.36	17.06	17.05	17.80
		HIGH	64QAM	17.42	17.06	17.09	17.80
	15	LOW	64QAM	17.41	17.30	17.01	17.80

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	17.31	17.19	16.81	17.80
		MID	QPSK	17.20	17.23	16.96	17.80
		HIGH	QPSK	17.21	16.93	16.80	17.80
	12	LOW	QPSK	17.18	17.30	17.13	17.80
		MID	QPSK	17.29	17.19	17.23	17.80
		HIGH	QPSK	17.40	17.09	16.83	17.80
	25	LOW	QPSK	17.27	17.06	16.90	17.80
5	1	LOW	Q16	17.08	17.18	16.84	17.80
		MID	Q16	17.19	17.07	16.94	17.80
		HIGH	Q16	17.05	16.75	16.95	17.80
	12	LOW	Q16	17.11	17.01	17.05	17.80
		MID	Q16	17.12	17.20	16.98	17.80
		HIGH	Q16	17.52	16.87	17.14	17.80
	25	LOW	Q16	17.32	17.11	16.97	17.80
5	1	LOW	64QAM	17.22	17.24	16.76	17.80
		MID	64QAM	17.28	17.50	16.97	17.80
		HIGH	64QAM	16.95	17.06	16.84	17.80
	12	LOW	64QAM	17.33	17.14	17.23	17.80
		MID	64QAM	17.22	17.12	17.10	17.80
		HIGH	64QAM	17.54	16.82	16.92	17.80
	25	LOW	64QAM	17.25	17.25	16.80	17.80
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	17.24	17.08	16.83	17.80
		MID	QPSK	17.45	17.40	17.00	17.80
		HIGH	QPSK	17.33	17.09	16.79	17.80
	25	LOW	QPSK	17.39	17.32	17.15	17.80
		MID	QPSK	17.28	17.32	17.03	17.80
		HIGH	QPSK	17.45	17.10	17.01	17.80
	50	LOW	QPSK	17.13	17.28	16.90	17.80
10	1	LOW	Q16	17.06	17.30	17.05	17.80
		MID	Q16	17.27	17.24	17.17	17.80
		HIGH	Q16	17.11	16.90	17.00	17.80
	25	LOW	Q16	17.17	17.27	17.08	17.80
		MID	Q16	17.35	17.40	17.03	17.80
		HIGH	Q16	17.47	16.82	17.07	17.80
	50	LOW	Q16	17.23	17.21	17.17	17.80
10	1	LOW	64QAM	17.06	17.21	16.78	17.80
		MID	64QAM	17.34	17.52	17.04	17.80
		HIGH	64QAM	17.00	17.00	16.87	17.80
	25	LOW	64QAM	17.19	17.33	17.00	17.80
		MID	64QAM	17.21	17.26	16.94	17.80
		HIGH	64QAM	17.47	17.06	16.85	17.80
	50	LOW	64QAM	17.41	17.13	16.98	17.80

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.23	17.22	16.81	17.80
		MID	QPSK	17.15	17.17	17.00	17.80
		HIGH	QPSK	17.30	17.09	16.92	17.80
	36	LOW	QPSK	17.35	17.20	17.03	17.80
		MID	QPSK	17.20	17.36	17.28	17.80
		HIGH	QPSK	17.20	16.94	17.08	17.80
	75	LOW	QPSK	17.36	17.10	17.13	17.80
15	1	LOW	Q16	17.19	17.21	16.78	17.80
		MID	Q16	17.32	17.12	16.92	17.80
		HIGH	Q16	17.24	16.78	16.85	17.80
	36	LOW	Q16	17.13	17.01	17.15	17.80
		MID	Q16	17.07	17.42	17.09	17.80
		HIGH	Q16	17.30	16.79	16.95	17.80
	75	LOW	Q16	17.28	17.21	17.08	17.80
15	1	LOW	64QAM	17.05	17.19	16.87	17.80
		MID	64QAM	17.25	17.35	17.02	17.80
		HIGH	64QAM	16.96	16.81	16.82	17.80
	36	LOW	64QAM	17.24	17.35	17.13	17.80
		MID	64QAM	17.20	17.34	17.06	17.80
		HIGH	64QAM	17.49	17.02	17.09	17.80
	75	LOW	64QAM	17.18	17.34	16.85	17.80
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.23	17.22	16.86	17.80
		MID	QPSK	17.30	17.27	17.06	17.80
		HIGH	QPSK	17.21	16.99	16.94	17.80
	50	LOW	QPSK	17.24	17.22	17.03	17.80
		MID	QPSK	17.32	17.27	17.13	17.80
		HIGH	QPSK	17.35	17.06	16.98	17.80
	100	LOW	QPSK	17.27	17.15	17.00	17.80
20	1	LOW	Q16	17.14	17.21	16.93	17.80
		MID	Q16	17.21	17.12	17.07	17.80
		HIGH	Q16	17.10	16.88	16.88	17.80
	50	LOW	Q16	17.25	17.15	17.14	17.80
		MID	Q16	17.22	17.30	17.12	17.80
		HIGH	Q16	17.41	16.93	16.99	17.80
	100	LOW	Q16	17.17	17.17	17.05	17.80
20	1	LOW	64QAM	17.11	17.21	16.81	17.80
		MID	64QAM	17.19	17.39	16.91	17.80
		HIGH	64QAM	17.07	16.96	16.90	17.80
	50	LOW	64QAM	17.27	17.22	17.13	17.80
		MID	64QAM	17.25	17.19	17.02	17.80
		HIGH	64QAM	17.45	16.92	16.97	17.80
	100	LOW	64QAM	17.32	17.21	16.87	17.80

LTE B66-Level5&6-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.39	17.45	17.15	18.30
		MID	QPSK	17.47	17.39	17.41	18.30
		HIGH	QPSK	17.60	17.11	17.48	18.30
	3	LOW	QPSK	17.34	17.55	17.42	18.30
		MID	QPSK	17.55	17.64	17.61	18.30
		HIGH	QPSK	17.66	17.41	17.41	18.30
	6	LOW	QPSK	17.30	17.46	17.26	18.30
1.4	1	LOW	Q16	17.42	17.42	17.22	18.30
		MID	Q16	17.65	17.31	17.28	18.30
		HIGH	Q16	17.59	17.28	17.50	18.30
	3	LOW	Q16	17.18	17.67	17.55	18.30
		MID	Q16	17.64	17.64	17.62	18.30
		HIGH	Q16	17.31	17.39	17.29	18.30
	6	LOW	Q16	17.56	17.50	17.29	18.30
1.4	1	LOW	64QAM	17.51	17.50	17.19	18.30
		MID	64QAM	17.66	17.43	17.65	18.30
		HIGH	64QAM	17.48	17.16	17.32	18.30
	3	LOW	64QAM	17.25	17.57	17.65	18.30
		MID	64QAM	17.57	17.86	17.49	18.30
		HIGH	64QAM	17.46	17.36	17.36	18.30
	6	LOW	64QAM	17.56	17.50	17.36	18.30
Bandwidth	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.46	17.57	17.13	18.30
		MID	QPSK	17.61	17.51	17.39	18.30
		HIGH	QPSK	17.36	17.27	17.47	18.30
	8	LOW	QPSK	17.49	17.41	17.42	18.30
		MID	QPSK	17.67	17.69	17.60	18.30
		HIGH	QPSK	17.62	17.25	17.44	18.30
	15	LOW	QPSK	17.54	17.31	17.38	18.30
3	1	LOW	Q16	17.47	17.58	17.24	18.30
		MID	Q16	17.73	17.49	17.41	18.30
		HIGH	Q16	17.55	17.18	17.45	18.30
	8	LOW	Q16	17.37	17.44	17.31	18.30
		MID	Q16	17.69	17.62	17.42	18.30
		HIGH	Q16	17.29	17.24	17.39	18.30
	15	LOW	Q16	17.50	17.52	17.19	18.30
3	1	LOW	64QAM	17.69	17.52	16.97	18.30
		MID	64QAM	17.48	17.45	17.39	18.30
		HIGH	64QAM	17.47	17.19	17.49	18.30
	8	LOW	64QAM	17.33	17.64	17.59	18.30
		MID	64QAM	17.68	17.72	17.46	18.30
		HIGH	64QAM	17.55	17.48	17.51	18.30
	15	LOW	64QAM	17.47	17.58	17.37	18.30

Bandwidth	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	17.47	17.50	17.35	18.30
		MID	QPSK	17.42	17.42	17.47	18.30
		HIGH	QPSK	17.42	17.16	17.32	18.30
	12	LOW	QPSK	17.54	17.65	17.35	18.30
		MID	QPSK	17.44	17.72	17.61	18.30
		HIGH	QPSK	17.68	17.29	17.55	18.30
	25	LOW	QPSK	17.45	17.50	17.45	18.30
5	1	LOW	Q16	17.60	17.52	17.27	18.30
		MID	Q16	17.75	17.56	17.15	18.30
		HIGH	Q16	17.57	17.25	17.52	18.30
	12	LOW	Q16	17.43	17.47	17.57	18.30
		MID	Q16	17.74	17.61	17.67	18.30
		HIGH	Q16	17.32	17.51	17.27	18.30
	25	LOW	Q16	17.43	17.53	17.43	18.30
5	1	LOW	64QAM	17.47	17.53	17.19	18.30
		MID	64QAM	17.60	17.59	17.62	18.30
		HIGH	64QAM	17.23	17.20	17.46	18.30
	12	LOW	64QAM	17.28	17.60	17.67	18.30
		MID	64QAM	17.58	17.84	17.67	18.30
		HIGH	64QAM	17.31	17.48	17.30	18.30
	25	LOW	64QAM	17.34	17.64	17.44	18.30
Bandwidth	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	17.48	17.34	17.22	18.30
		MID	QPSK	17.57	17.38	17.53	18.30
		HIGH	QPSK	17.50	17.22	17.34	18.30
	25	LOW	QPSK	17.40	17.49	17.38	18.30
		MID	QPSK	17.58	17.55	17.47	18.30
		HIGH	QPSK	17.38	17.38	17.47	18.30
	50	LOW	QPSK	17.53	17.36	17.50	18.30
10	1	LOW	Q16	17.55	17.52	17.25	18.30
		MID	Q16	17.79	17.47	17.24	18.30
		HIGH	Q16	17.60	17.29	17.42	18.30
	25	LOW	Q16	17.16	17.59	17.32	18.30
		MID	Q16	17.70	17.71	17.65	18.30
		HIGH	Q16	17.38	17.26	17.31	18.30
	50	LOW	Q16	17.43	17.70	17.20	18.30
10	1	LOW	64QAM	17.60	17.52	17.08	18.30
		MID	64QAM	17.73	17.36	17.45	18.30
		HIGH	64QAM	17.31	17.20	17.37	18.30
	25	LOW	64QAM	17.36	17.49	17.46	18.30
		MID	64QAM	17.82	17.68	17.54	18.30
		HIGH	64QAM	17.35	17.39	17.37	18.30
	50	LOW	64QAM	17.39	17.67	17.40	18.30

Bandwidth	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.40	17.49	17.39	18.30
		MID	QPSK	17.42	17.42	17.36	18.30
		HIGH	QPSK	17.36	17.32	17.46	18.30
	36	LOW	QPSK	17.34	17.42	17.35	18.30
		MID	QPSK	17.51	17.52	17.60	18.30
		HIGH	QPSK	17.56	17.49	17.54	18.30
	75	LOW	QPSK	17.45	17.41	17.50	18.30
15	1	LOW	Q16	17.60	17.47	17.36	18.30
		MID	Q16	17.53	17.31	17.15	18.30
		HIGH	Q16	17.60	17.22	17.41	18.30
	36	LOW	Q16	17.40	17.46	17.44	18.30
		MID	Q16	17.80	17.56	17.60	18.30
		HIGH	Q16	17.46	17.30	17.34	18.30
	75	LOW	Q16	17.43	17.69	17.35	18.30
15	1	LOW	64QAM	17.52	17.74	17.09	18.30
		MID	64QAM	17.44	17.50	17.39	18.30
		HIGH	64QAM	17.43	17.06	17.23	18.30
	36	LOW	64QAM	17.25	17.50	17.38	18.30
		MID	64QAM	17.68	17.75	17.39	18.30
		HIGH	64QAM	17.36	17.60	17.34	18.30
	75	LOW	64QAM	17.37	17.56	17.26	18.30
Bandwidth	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.47	17.46	17.24	18.30
		MID	QPSK	17.57	17.48	17.42	18.30
		HIGH	QPSK	17.48	17.26	17.36	18.30
	50	LOW	QPSK	17.41	17.51	17.42	18.30
		MID	QPSK	17.57	17.57	17.50	18.30
		HIGH	QPSK	17.53	17.38	17.40	18.30
	100	LOW	QPSK	17.45	17.43	17.38	18.30
20	1	LOW	Q16	17.47	17.56	17.29	18.30
		MID	Q16	17.67	17.46	17.30	18.30
		HIGH	Q16	17.53	17.30	17.48	18.30
	50	LOW	Q16	17.31	17.58	17.42	18.30
		MID	Q16	17.70	17.56	17.53	18.30
		HIGH	Q16	17.43	17.36	17.33	18.30
	100	LOW	Q16	17.45	17.58	17.33	18.30
20	1	LOW	64QAM	17.56	17.60	17.09	18.30
		MID	64QAM	17.59	17.50	17.51	18.30
		HIGH	64QAM	17.33	17.15	17.37	18.30
	50	LOW	64QAM	17.26	17.58	17.52	18.30
		MID	64QAM	17.67	17.71	17.54	18.30
		HIGH	64QAM	17.42	17.47	17.36	18.30
	100	LOW	64QAM	17.45	17.55	17.36	18.30

8.3.9 LTE Band38 Output Power

LTE B38-Level1-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	14.59	14.53	14.60	15.30	
		MID	QPSK	14.46	14.73	14.68	15.30	
		HIGH	QPSK	14.46	14.33	14.52	15.30	
	12	LOW	QPSK	14.71	14.63	14.81	15.30	
		MID	QPSK	14.51	14.52	14.67	15.30	
		HIGH	QPSK	14.50	14.33	14.67	15.30	
	25	LOW	QPSK	14.61	14.48	14.75	15.30	
	5	1	LOW	Q16	14.81	14.69	14.98	15.30
			MID	Q16	14.84	14.87	15.07	15.30
HIGH			Q16	14.76	14.49	14.93	15.30	
12		LOW	Q16	14.44	14.85	14.71	15.30	
		MID	Q16	14.65	14.57	14.68	15.30	
		HIGH	Q16	14.59	14.36	14.68	15.30	
25		LOW	Q16	14.66	14.69	14.59	15.30	
5		1	LOW	64QAM	14.49	14.24	14.16	15.30
			MID	64QAM	13.99	14.09	14.01	15.30
	HIGH		64QAM	13.96	14.13	14.10	15.30	
	12	LOW	64QAM	14.22	14.04	14.25	15.30	
		MID	64QAM	14.06	14.02	14.05	15.30	
		HIGH	64QAM	13.95	14.13	14.06	15.30	
	25	LOW	64QAM	14.08	14.25	14.24	15.30	
	Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	14.64	14.28	14.57	15.30
MID			QPSK	14.54	14.69	14.58	15.30	
HIGH			QPSK	14.52	14.23	14.40	15.30	
25		LOW	QPSK	14.60	14.60	14.78	15.30	
		MID	QPSK	14.54	14.58	14.54	15.30	
		HIGH	QPSK	14.54	14.36	14.48	15.30	
50		LOW	QPSK	14.62	14.57	14.75	15.30	
10		1	LOW	Q16	14.90	14.77	14.95	15.30
			MID	Q16	14.82	14.63	14.84	15.30
	HIGH		Q16	14.63	14.58	14.82	15.30	
	25	LOW	Q16	14.60	14.57	14.79	15.30	
		MID	Q16	14.45	14.59	14.64	15.30	
		HIGH	Q16	14.58	14.32	14.50	15.30	
	50	LOW	Q16	14.55	14.72	14.62	15.30	
	10	1	LOW	64QAM	14.55	13.98	14.04	15.30
			MID	64QAM	14.21	14.20	14.09	15.30
HIGH			64QAM	14.17	14.07	14.08	15.30	
25		LOW	64QAM	14.14	14.24	14.24	15.30	
		MID	64QAM	13.98	14.23	14.11	15.30	
		HIGH	64QAM	13.97	14.09	14.16	15.30	
50		LOW	64QAM	14.02	14.23	14.04	15.30	

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	14.38	14.30	14.52	15.30
		MID	QPSK	14.52	14.62	14.62	15.30
		HIGH	QPSK	14.37	14.26	14.61	15.30
	36	LOW	QPSK	14.53	14.78	14.67	15.30
		MID	QPSK	14.58	14.77	14.66	15.30
		HIGH	QPSK	14.58	14.30	14.52	15.30
	75	LOW	QPSK	14.72	14.47	14.66	15.30
15	1	LOW	Q16	14.65	14.68	15.01	15.30
		MID	Q16	14.96	14.73	15.08	15.30
		HIGH	Q16	14.60	14.44	14.93	15.30
	36	LOW	Q16	14.59	14.70	14.78	15.30
		MID	Q16	14.50	14.74	14.66	15.30
		HIGH	Q16	14.62	14.41	14.59	15.30
	75	LOW	Q16	14.54	14.56	14.68	15.30
15	1	LOW	64QAM	14.49	14.15	13.97	15.30
		MID	64QAM	14.17	14.24	14.10	15.30
		HIGH	64QAM	14.23	14.16	14.24	15.30
	36	LOW	64QAM	14.17	14.04	14.04	15.30
		MID	64QAM	14.13	14.08	14.12	15.30
		HIGH	64QAM	14.19	14.23	14.14	15.30
	75	LOW	64QAM	14.18	14.25	14.21	15.30
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	14.50	14.43	14.57	15.30
		MID	QPSK	14.57	14.59	14.62	15.30
		HIGH	QPSK	14.42	14.33	14.54	15.30
	50	LOW	QPSK	14.61	14.74	14.70	15.30
		MID	QPSK	14.62	14.62	14.62	15.30
		HIGH	QPSK	14.51	14.43	14.58	15.30
20	100	LOW	QPSK	14.58	14.56	14.60	15.30
	1	LOW	Q16	14.80	14.65	14.95	15.30
		MID	Q16	14.94	14.78	14.99	15.30
		HIGH	Q16	14.72	14.59	14.88	15.30
	50	LOW	Q16	14.59	14.71	14.74	15.30
		MID	Q16	14.58	14.61	14.65	15.30
		HIGH	Q16	14.51	14.44	14.60	15.30
	100	LOW	Q16	14.53	14.57	14.63	15.30
20	1	LOW	64QAM	14.36	14.19	14.04	15.30
		MID	64QAM	14.00	14.14	14.14	15.30
		HIGH	64QAM	14.00	13.97	14.23	15.30
	50	LOW	64QAM	14.19	14.05	14.18	15.30
		MID	64QAM	14.10	14.00	13.96	15.30
		HIGH	64QAM	14.17	13.96	14.12	15.30
	100	LOW	64QAM	14.24	14.21	14.01	15.30

LTE B38-Level1-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.95	22.92	22.95	23.80
		MID	QPSK	23.03	23.21	23.15	23.80
		HIGH	QPSK	23.04	22.96	23.03	23.80
	12	LOW	QPSK	22.15	22.09	22.20	22.80
		MID	QPSK	22.13	22.08	22.14	22.80
		HIGH	QPSK	22.12	21.79	22.15	22.80
	25	LOW	QPSK	21.95	21.96	21.98	22.80
5	1	LOW	Q16	22.31	22.16	22.60	22.80
		MID	Q16	22.34	22.15	22.52	22.80
		HIGH	Q16	22.24	22.04	22.35	22.80
	12	LOW	Q16	20.88	21.09	21.19	21.80
		MID	Q16	21.16	21.05	20.99	21.80
		HIGH	Q16	20.91	20.76	21.10	21.80
	25	LOW	Q16	21.11	20.95	21.08	21.80
5	1	LOW	64QAM	20.64	20.57	20.58	21.80
		MID	64QAM	20.60	20.74	20.75	21.80
		HIGH	64QAM	20.75	20.67	20.71	21.80
	12	LOW	64QAM	19.66	19.63	19.69	20.80
		MID	64QAM	19.52	19.74	19.70	20.80
		HIGH	64QAM	19.74	19.62	19.63	20.80
	25	LOW	64QAM	19.52	19.46	19.68	20.80
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.06	22.82	23.01	23.80
		MID	QPSK	23.19	23.02	23.25	23.80
		HIGH	QPSK	22.78	22.90	22.95	23.80
	25	LOW	QPSK	22.04	22.03	22.09	22.80
		MID	QPSK	22.10	21.99	22.20	22.80
		HIGH	QPSK	22.06	21.84	22.14	22.80
	50	LOW	QPSK	22.13	21.87	22.16	22.80
10	1	LOW	Q16	22.33	21.97	22.39	22.80
		MID	Q16	22.59	22.33	22.65	22.80
		HIGH	Q16	22.37	21.89	22.63	22.80
	25	LOW	Q16	20.89	21.06	21.22	21.80
		MID	Q16	21.10	21.15	21.18	21.80
		HIGH	Q16	20.98	20.92	20.91	21.80
	50	LOW	Q16	20.90	21.09	21.04	21.80
10	1	LOW	64QAM	20.66	20.74	20.50	21.80
		MID	64QAM	20.51	20.59	20.71	21.80
		HIGH	64QAM	20.63	20.62	20.58	21.80
	25	LOW	64QAM	19.71	19.69	19.69	20.80
		MID	64QAM	19.52	19.65	19.73	20.80
		HIGH	64QAM	19.52	19.50	19.66	20.80
	50	LOW	64QAM	19.71	19.59	19.58	20.80

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.01	22.92	22.99	23.80
		MID	QPSK	23.10	22.95	23.18	23.80
		HIGH	QPSK	22.95	22.94	23.05	23.80
	36	LOW	QPSK	22.06	22.24	22.07	22.80
		MID	QPSK	22.06	22.12	22.01	22.80
		HIGH	QPSK	21.97	21.79	22.00	22.80
	75	LOW	QPSK	22.01	22.09	22.20	22.80
15	1	LOW	Q16	22.31	22.20	22.50	22.80
		MID	Q16	22.48	22.07	22.43	22.80
		HIGH	Q16	22.31	21.98	22.62	22.80
	36	LOW	Q16	20.92	21.30	21.28	21.80
		MID	Q16	21.01	21.11	21.13	21.80
		HIGH	Q16	21.14	20.74	21.12	21.80
	75	LOW	Q16	20.91	20.87	20.96	21.80
15	1	LOW	64QAM	20.58	20.55	20.47	21.80
		MID	64QAM	20.57	20.50	20.56	21.80
		HIGH	64QAM	20.60	20.73	20.54	21.80
	36	LOW	64QAM	19.73	19.48	19.49	20.80
		MID	64QAM	19.63	19.51	19.68	20.80
		HIGH	64QAM	19.64	19.57	19.70	20.80
	75	LOW	64QAM	19.54	19.69	19.55	20.80
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.03	22.93	23.08	23.80
		MID	QPSK	23.11	23.07	23.13	23.80
		HIGH	QPSK	22.92	22.81	23.08	23.80
	50	LOW	QPSK	22.07	22.16	22.14	22.80
		MID	QPSK	22.11	22.10	22.09	22.80
		HIGH	QPSK	22.00	21.91	22.05	22.80
	100	LOW	QPSK	22.05	22.02	22.09	22.80
20	1	LOW	Q16	22.31	22.09	22.51	22.80
		MID	Q16	22.46	22.20	22.56	22.80
		HIGH	Q16	22.24	21.97	22.49	22.80
	50	LOW	Q16	21.00	21.16	21.18	21.80
		MID	Q16	21.08	21.01	21.12	21.80
		HIGH	Q16	20.99	20.87	21.05	21.80
	100	LOW	Q16	21.01	21.00	21.07	21.80
20	1	LOW	64QAM	20.54	20.61	20.70	21.80
		MID	64QAM	20.48	20.58	20.72	21.80
		HIGH	64QAM	20.58	20.45	20.55	21.80
	50	LOW	64QAM	19.61	19.45	19.55	20.80
		MID	64QAM	19.46	19.67	19.63	20.80
		HIGH	64QAM	19.54	19.57	19.65	20.80
	100	LOW	64QAM	19.70	19.58	19.66	20.80

LTE B38-Level2&3-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	12.20	12.21	12.21	13.30
		MID	QPSK	12.35	12.23	12.19	13.30
		HIGH	QPSK	11.99	11.98	12.06	13.30
	12	LOW	QPSK	12.14	12.31	12.40	13.30
		MID	QPSK	12.37	12.37	12.18	13.30
		HIGH	QPSK	12.16	11.97	12.05	13.30
	25	LOW	QPSK	12.05	12.17	12.35	13.30
5	1	LOW	Q16	12.13	11.94	12.33	13.30
		MID	Q16	12.10	12.03	12.32	13.30
		HIGH	Q16	11.87	12.10	12.36	13.30
	12	LOW	Q16	12.18	12.41	12.42	13.30
		MID	Q16	12.38	12.35	12.27	13.30
		HIGH	Q16	12.20	11.98	12.32	13.30
	25	LOW	Q16	12.32	12.26	12.38	13.30
5	1	LOW	64QAM	12.42	12.02	11.99	13.30
		MID	64QAM	12.03	12.16	12.03	13.30
		HIGH	64QAM	12.02	12.09	12.01	13.30
	12	LOW	64QAM	12.19	12.14	12.00	13.30
		MID	64QAM	12.08	12.11	12.19	13.30
		HIGH	64QAM	12.07	11.99	12.09	13.30
	25	LOW	64QAM	12.13	12.02	11.97	13.30
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	12.07	12.26	12.39	13.30
		MID	QPSK	12.36	12.07	12.24	13.30
		HIGH	QPSK	11.99	12.11	12.30	13.30
	25	LOW	QPSK	12.09	12.31	12.21	13.30
		MID	QPSK	12.18	12.30	12.26	13.30
		HIGH	QPSK	12.07	12.22	12.24	13.30
50	LOW	QPSK	12.23	12.26	12.17	13.30	
10	1	LOW	Q16	12.05	11.95	12.13	13.30
		MID	Q16	12.25	12.15	12.31	13.30
		HIGH	Q16	12.04	12.36	12.30	13.30
	25	LOW	Q16	12.32	12.47	12.19	13.30
		MID	Q16	12.36	12.32	12.28	13.30
		HIGH	Q16	12.28	11.92	12.18	13.30
50	LOW	Q16	12.21	12.29	12.19	13.30	
10	1	LOW	64QAM	12.58	12.22	12.22	13.30
		MID	64QAM	12.12	12.02	12.23	13.30
		HIGH	64QAM	12.02	12.13	12.14	13.30
	25	LOW	64QAM	12.16	12.15	12.25	13.30
		MID	64QAM	12.06	12.06	12.00	13.30
		HIGH	64QAM	12.14	12.23	12.12	13.30
50	LOW	64QAM	11.96	12.16	12.20	13.30	

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	11.99	12.18	12.14	13.30
		MID	QPSK	12.30	12.25	12.40	13.30
		HIGH	QPSK	11.98	11.85	12.10	13.30
	36	LOW	QPSK	12.11	12.25	12.46	13.30
		MID	QPSK	12.46	12.29	12.13	13.30
		HIGH	QPSK	12.15	11.95	12.32	13.30
	75	LOW	QPSK	12.30	12.32	12.09	13.30
15	1	LOW	Q16	11.94	11.87	12.41	13.30
		MID	Q16	12.13	11.98	12.35	13.30
		HIGH	Q16	12.03	12.36	12.13	13.30
	36	LOW	Q16	12.27	12.37	12.21	13.30
		MID	Q16	12.16	12.16	12.41	13.30
		HIGH	Q16	12.20	12.20	12.08	13.30
	75	LOW	Q16	12.33	12.23	12.23	13.30
15	1	LOW	64QAM	12.37	12.20	11.97	13.30
		MID	64QAM	12.21	12.20	12.00	13.30
		HIGH	64QAM	12.18	12.23	12.15	13.30
	36	LOW	64QAM	12.06	12.00	12.05	13.30
		MID	64QAM	12.22	12.11	12.04	13.30
		HIGH	64QAM	11.97	12.00	12.05	13.30
	75	LOW	64QAM	12.24	12.15	11.96	13.30
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	12.13	12.13	12.25	13.30
		MID	QPSK	12.31	12.22	12.28	13.30
		HIGH	QPSK	12.12	12.00	12.20	13.30
	50	LOW	QPSK	12.21	12.38	12.35	13.30
		MID	QPSK	12.31	12.22	12.22	13.30
		HIGH	QPSK	12.13	12.09	12.20	13.30
	100	LOW	QPSK	12.17	12.22	12.23	13.30
20	1	LOW	Q16	12.01	11.96	12.26	13.30
		MID	Q16	12.23	12.06	12.28	13.30
		HIGH	Q16	12.01	12.25	12.21	13.30
	50	LOW	Q16	12.20	12.32	12.34	13.30
		MID	Q16	12.26	12.24	12.28	13.30
		HIGH	Q16	12.17	12.05	12.22	13.30
	100	LOW	Q16	12.18	12.18	12.28	13.30
20	1	LOW	64QAM	12.31	12.20	12.14	13.30
		MID	64QAM	12.02	12.00	11.97	13.30
		HIGH	64QAM	11.96	12.02	12.09	13.30
	50	LOW	64QAM	12.23	12.15	12.00	13.30
		MID	64QAM	12.05	12.02	12.14	13.30
		HIGH	64QAM	11.95	12.06	12.07	13.30
	100	LOW	64QAM	12.06	11.96	12.20	13.30

LTE B38-Level2&3-Ant.0							
Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.95	22.92	22.95	23.80
		MID	QPSK	23.03	23.21	23.15	23.80
		HIGH	QPSK	23.04	22.96	23.03	23.80
	12	LOW	QPSK	22.15	22.09	22.20	22.80
		MID	QPSK	22.13	22.08	22.14	22.80
		HIGH	QPSK	22.12	21.79	22.15	22.80
	25	LOW	QPSK	21.95	21.96	21.98	22.80
5	1	LOW	Q16	22.31	22.16	22.60	22.80
		MID	Q16	22.34	22.15	22.52	22.80
		HIGH	Q16	22.24	22.04	22.35	22.80
	12	LOW	Q16	20.88	21.09	21.19	21.80
		MID	Q16	21.16	21.05	20.99	21.80
		HIGH	Q16	20.91	20.76	21.10	21.80
	25	LOW	Q16	21.11	20.95	21.08	21.80
5	1	LOW	64QAM	20.64	20.57	20.58	21.80
		MID	64QAM	20.60	20.74	20.75	21.80
		HIGH	64QAM	20.75	20.67	20.71	21.80
	12	LOW	64QAM	19.66	19.63	19.69	20.80
		MID	64QAM	19.52	19.74	19.70	20.80
		HIGH	64QAM	19.74	19.62	19.63	20.80
	25	LOW	64QAM	19.52	19.46	19.68	20.80
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.06	22.82	23.01	23.80
		MID	QPSK	23.19	23.02	23.25	23.80
		HIGH	QPSK	22.78	22.90	22.95	23.80
	25	LOW	QPSK	22.04	22.03	22.09	22.80
		MID	QPSK	22.10	21.99	22.20	22.80
		HIGH	QPSK	22.06	21.84	22.14	22.80
50	LOW	QPSK	22.13	21.87	22.16	22.80	
10	1	LOW	Q16	22.33	21.97	22.39	22.80
		MID	Q16	22.59	22.33	22.65	22.80
		HIGH	Q16	22.37	21.89	22.63	22.80
	25	LOW	Q16	20.89	21.06	21.22	21.80
		MID	Q16	21.10	21.15	21.18	21.80
		HIGH	Q16	20.98	20.92	20.91	21.80
50	LOW	Q16	20.90	21.09	21.04	21.80	
10	1	LOW	64QAM	20.66	20.74	20.50	21.80
		MID	64QAM	20.51	20.59	20.71	21.80
		HIGH	64QAM	20.63	20.62	20.58	21.80
	25	LOW	64QAM	19.71	19.69	19.69	20.80
		MID	64QAM	19.52	19.65	19.73	20.80
		HIGH	64QAM	19.52	19.50	19.66	20.80
	50	LOW	64QAM	19.71	19.59	19.58	20.80

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.01	22.92	22.99	23.80
		MID	QPSK	23.10	22.95	23.18	23.80
		HIGH	QPSK	22.95	22.94	23.05	23.80
	36	LOW	QPSK	22.06	22.24	22.07	22.80
		MID	QPSK	22.06	22.12	22.01	22.80
		HIGH	QPSK	21.97	21.79	22.00	22.80
	75	LOW	QPSK	22.01	22.09	22.20	22.80
15	1	LOW	Q16	22.31	22.20	22.50	22.80
		MID	Q16	22.48	22.07	22.43	22.80
		HIGH	Q16	22.31	21.98	22.62	22.80
	36	LOW	Q16	20.92	21.30	21.28	21.80
		MID	Q16	21.01	21.11	21.13	21.80
		HIGH	Q16	21.14	20.74	21.12	21.80
	75	LOW	Q16	20.91	20.87	20.96	21.80
15	1	LOW	64QAM	20.58	20.55	20.47	21.80
		MID	64QAM	20.57	20.50	20.56	21.80
		HIGH	64QAM	20.60	20.73	20.54	21.80
	36	LOW	64QAM	19.73	19.48	19.49	20.80
		MID	64QAM	19.63	19.51	19.68	20.80
		HIGH	64QAM	19.64	19.57	19.70	20.80
	75	LOW	64QAM	19.54	19.69	19.55	20.80
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.03	22.93	23.08	23.80
		MID	QPSK	23.11	23.07	23.13	23.80
		HIGH	QPSK	22.92	22.81	23.08	23.80
	50	LOW	QPSK	22.07	22.16	22.14	22.80
		MID	QPSK	22.11	22.10	22.09	22.80
		HIGH	QPSK	22.00	21.91	22.05	22.80
	100	LOW	QPSK	22.05	22.02	22.09	22.80
20	1	LOW	Q16	22.31	22.09	22.51	22.80
		MID	Q16	22.46	22.20	22.56	22.80
		HIGH	Q16	22.24	21.97	22.49	22.80
	50	LOW	Q16	21.00	21.16	21.18	21.80
		MID	Q16	21.08	21.01	21.12	21.80
		HIGH	Q16	20.99	20.87	21.05	21.80
	100	LOW	Q16	21.01	21.00	21.07	21.80
20	1	LOW	64QAM	20.54	20.61	20.70	21.80
		MID	64QAM	20.48	20.58	20.72	21.80
		HIGH	64QAM	20.58	20.45	20.55	21.80
	50	LOW	64QAM	19.61	19.45	19.55	20.80
		MID	64QAM	19.46	19.67	19.63	20.80
		HIGH	64QAM	19.54	19.57	19.65	20.80
	100	LOW	64QAM	19.70	19.58	19.66	20.80

LTE B38-Level4-Ant.1

Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	16.49	16.58	16.49	17.80
		MID	QPSK	16.74	16.78	16.52	17.80
		HIGH	QPSK	16.52	16.52	16.50	17.80
	12	LOW	QPSK	16.48	16.77	16.58	17.80
		MID	QPSK	16.72	16.70	16.53	17.80
		HIGH	QPSK	16.63	16.51	16.51	17.80
	25	LOW	QPSK	16.62	16.46	16.70	17.80
5	1	LOW	Q16	16.49	16.21	16.61	17.80
		MID	Q16	16.50	16.43	16.84	17.80
		HIGH	Q16	16.56	16.20	16.55	17.80
	12	LOW	Q16	16.54	16.83	16.75	17.80
		MID	Q16	16.73	16.64	16.62	17.80
		HIGH	Q16	16.46	16.28	16.58	17.80
	25	LOW	Q16	16.64	16.73	16.78	17.80
5	1	LOW	64QAM	16.58	16.68	16.56	17.80
		MID	64QAM	16.51	16.71	16.67	17.80
		HIGH	64QAM	16.50	16.60	16.71	17.80
	12	LOW	64QAM	16.52	16.70	16.56	17.80
		MID	64QAM	16.46	16.57	16.48	17.80
		HIGH	64QAM	16.54	16.53	16.70	17.80
	25	LOW	64QAM	16.62	16.45	16.73	17.80
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	16.40	16.48	16.76	17.80
		MID	QPSK	16.57	16.74	16.53	17.80
		HIGH	QPSK	16.40	16.41	16.58	17.80
	25	LOW	QPSK	16.48	16.67	16.85	17.80
		MID	QPSK	16.63	16.61	16.65	17.80
		HIGH	QPSK	16.62	16.29	16.60	17.80
10	1	LOW	QPSK	16.65	16.54	16.76	17.80
	1	LOW	Q16	16.35	16.34	16.76	17.80
		MID	Q16	16.62	16.28	16.81	17.80
		HIGH	Q16	16.35	16.12	16.44	17.80
	25	LOW	Q16	16.55	16.63	16.82	17.80
		MID	Q16	16.55	16.64	16.56	17.80
		HIGH	Q16	16.46	16.27	16.58	17.80
	50	LOW	Q16	16.60	16.73	16.55	17.80
10	1	LOW	64QAM	16.48	16.70	16.64	17.80
		MID	64QAM	16.66	16.62	16.74	17.80
		HIGH	64QAM	16.49	16.75	16.56	17.80
	25	LOW	64QAM	16.68	16.62	16.57	17.80
		MID	64QAM	16.56	16.64	16.64	17.80
		HIGH	64QAM	16.47	16.72	16.53	17.80
	50	LOW	64QAM	16.71	16.71	16.75	17.80

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	16.43	16.67	16.49	17.80
		MID	QPSK	16.70	16.50	16.61	17.80
		HIGH	QPSK	16.45	16.31	16.66	17.80
	36	LOW	QPSK	16.69	16.59	16.62	17.80
		MID	QPSK	16.55	16.71	16.53	17.80
		HIGH	QPSK	16.61	16.59	16.47	17.80
	75	LOW	QPSK	16.60	16.60	16.71	17.80
15	1	LOW	Q16	16.57	16.22	16.73	17.80
		MID	Q16	16.49	16.40	16.56	17.80
		HIGH	Q16	16.30	16.07	16.47	17.80
	36	LOW	Q16	16.48	16.65	16.77	17.80
		MID	Q16	16.61	16.61	16.58	17.80
		HIGH	Q16	16.55	16.32	16.49	17.80
	75	LOW	Q16	16.53	16.66	16.55	17.80
15	1	LOW	64QAM	16.72	16.70	16.52	17.80
		MID	64QAM	16.70	16.57	16.64	17.80
		HIGH	64QAM	16.71	16.62	16.55	17.80
	36	LOW	64QAM	16.54	16.56	16.73	17.80
		MID	64QAM	16.51	16.57	16.48	17.80
		HIGH	64QAM	16.65	16.55	16.69	17.80
	75	LOW	64QAM	16.52	16.47	16.73	17.80
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	16.49	16.52	16.63	17.80
		MID	QPSK	16.68	16.63	16.64	17.80
		HIGH	QPSK	16.49	16.37	16.60	17.80
	50	LOW	QPSK	16.55	16.73	16.71	17.80
		MID	QPSK	16.66	16.63	16.61	17.80
		HIGH	QPSK	16.55	16.44	16.56	17.80
	100	LOW	QPSK	16.57	16.57	16.62	17.80
20	1	LOW	Q16	16.46	16.34	16.70	17.80
		MID	Q16	16.62	16.39	16.69	17.80
		HIGH	Q16	16.42	16.15	16.51	17.80
	50	LOW	Q16	16.57	16.74	16.72	17.80
		MID	Q16	16.61	16.66	16.66	17.80
		HIGH	Q16	16.55	16.42	16.58	17.80
	100	LOW	Q16	16.56	16.59	16.68	17.80
20	1	LOW	64QAM	16.56	16.76	16.78	17.80
		MID	64QAM	16.52	16.87	16.78	17.80
		HIGH	64QAM	16.63	16.90	16.80	17.80
	50	LOW	64QAM	16.54	16.92	16.87	17.80
		MID	64QAM	16.69	16.84	16.80	17.80
		HIGH	64QAM	16.66	16.65	16.68	17.80
	100	LOW	64QAM	16.53	16.91	16.90	17.80

LTE B38-Level4-Ant.0

Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.41	19.23	19.52	20.30
		MID	QPSK	19.54	19.38	19.38	20.30
		HIGH	QPSK	19.11	19.08	19.40	20.30
	12	LOW	QPSK	19.22	19.60	19.56	20.30
		MID	QPSK	19.41	19.25	19.28	20.30
		HIGH	QPSK	19.18	19.21	19.30	20.30
	25	LOW	QPSK	19.41	19.44	19.45	20.30
5	1	LOW	Q16	19.09	19.01	19.40	20.30
		MID	Q16	19.48	19.06	19.56	20.30
		HIGH	Q16	19.13	18.98	19.47	20.30
	12	LOW	Q16	19.34	19.34	19.53	20.30
		MID	Q16	19.35	19.48	19.43	20.30
		HIGH	Q16	19.23	19.31	19.31	20.30
	25	LOW	Q16	19.19	19.19	19.32	20.30
5	1	LOW	64QAM	19.16	19.21	19.17	20.30
		MID	64QAM	18.98	19.22	19.02	20.30
		HIGH	64QAM	19.21	19.04	19.02	20.30
	12	LOW	64QAM	19.23	19.05	18.99	20.30
		MID	64QAM	19.06	19.12	19.01	20.30
		HIGH	64QAM	19.24	19.14	19.13	20.30
	25	LOW	64QAM	19.04	19.04	19.15	20.30
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.12	19.14	19.31	20.30
		MID	QPSK	19.34	19.29	19.55	20.30
		HIGH	QPSK	19.09	19.11	19.48	20.30
	25	LOW	QPSK	19.31	19.56	19.55	20.30
		MID	QPSK	19.35	19.39	19.29	20.30
		HIGH	QPSK	19.47	19.26	19.48	20.30
	50	LOW	QPSK	19.26	19.30	19.24	20.30
10	1	LOW	Q16	19.16	19.03	19.49	20.30
		MID	Q16	19.54	19.11	19.62	20.30
		HIGH	Q16	19.12	19.12	19.44	20.30
	25	LOW	Q16	19.31	19.30	19.42	20.30
		MID	Q16	19.33	19.49	19.40	20.30
		HIGH	Q16	19.40	19.20	19.55	20.30
	50	LOW	Q16	19.21	19.35	19.46	20.30
10	1	LOW	64QAM	19.11	19.05	19.01	20.30
		MID	64QAM	19.12	19.18	19.20	20.30
		HIGH	64QAM	19.12	18.97	19.19	20.30
	25	LOW	64QAM	19.09	19.14	19.24	20.30
		MID	64QAM	19.08	19.19	19.09	20.30
		HIGH	64QAM	18.99	19.12	19.15	20.30
	50	LOW	64QAM	19.22	19.03	18.97	20.30

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.39	19.06	19.48	20.30
		MID	QPSK	19.44	19.36	19.46	20.30
		HIGH	QPSK	19.15	19.08	19.46	20.30
	36	LOW	QPSK	19.21	19.43	19.61	20.30
		MID	QPSK	19.31	19.40	19.53	20.30
		HIGH	QPSK	19.45	19.26	19.34	20.30
	75	LOW	QPSK	19.29	19.42	19.47	20.30
15	1	LOW	Q16	19.22	19.15	19.32	20.30
		MID	Q16	19.29	19.11	19.42	20.30
		HIGH	Q16	19.32	18.97	19.48	20.30
	36	LOW	Q16	19.20	19.41	19.41	20.30
		MID	Q16	19.24	19.48	19.34	20.30
		HIGH	Q16	19.40	19.07	19.30	20.30
	75	LOW	Q16	19.29	19.25	19.43	20.30
15	1	LOW	64QAM	19.01	18.96	19.16	20.30
		MID	64QAM	18.95	19.18	19.25	20.30
		HIGH	64QAM	19.06	19.20	19.22	20.30
	36	LOW	64QAM	19.21	19.09	19.08	20.30
		MID	64QAM	19.08	19.15	19.09	20.30
		HIGH	64QAM	18.97	19.04	19.13	20.30
	75	LOW	64QAM	19.08	18.98	19.06	20.30
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.27	19.21	19.39	20.30
		MID	QPSK	19.42	19.35	19.47	20.30
		HIGH	QPSK	19.21	19.12	19.33	20.30
	50	LOW	QPSK	19.33	19.47	19.46	20.30
		MID	QPSK	19.38	19.35	19.41	20.30
		HIGH	QPSK	19.32	19.20	19.34	20.30
	100	LOW	QPSK	19.35	19.32	19.39	20.30
20	1	LOW	Q16	19.23	19.11	19.41	20.30
		MID	Q16	19.39	19.17	19.48	20.30
		HIGH	Q16	19.22	19.02	19.35	20.30
	50	LOW	Q16	19.32	19.42	19.51	20.30
		MID	Q16	19.38	19.39	19.48	20.30
		HIGH	Q16	19.32	19.19	19.44	20.30
	100	LOW	Q16	19.33	19.33	19.43	20.30
20	1	LOW	64QAM	19.03	19.17	19.24	20.30
		MID	64QAM	19.15	19.19	19.02	20.30
		HIGH	64QAM	19.15	19.05	19.01	20.30
	50	LOW	64QAM	19.02	19.22	19.05	20.30
		MID	64QAM	19.23	19.00	19.19	20.30
		HIGH	64QAM	19.21	19.00	19.10	20.30
	100	LOW	64QAM	19.01	19.08	19.02	20.30

LTE B38-Level5&6-Ant.1							
Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	15.06	15.01	15.15	15.80
		MID	QPSK	15.16	15.09	15.00	15.80
		HIGH	QPSK	14.82	14.75	14.97	15.80
	12	LOW	QPSK	14.93	15.03	15.19	15.80
		MID	QPSK	14.92	14.92	15.21	15.80
		HIGH	QPSK	14.89	14.85	15.06	15.80
	25	LOW	QPSK	15.07	15.02	14.93	15.80
5	1	LOW	Q16	14.80	14.70	14.99	15.80
		MID	Q16	14.90	14.93	15.19	15.80
		HIGH	Q16	14.70	14.67	14.90	15.80
	12	LOW	Q16	15.08	15.01	15.15	15.80
		MID	Q16	14.98	14.96	15.08	15.80
		HIGH	Q16	15.06	14.82	15.18	15.80
	25	LOW	Q16	15.06	15.09	15.03	15.80
5	1	LOW	64QAM	14.51	14.52	14.70	15.80
		MID	64QAM	14.45	14.59	14.59	15.80
		HIGH	64QAM	14.68	14.69	14.62	15.80
	12	LOW	64QAM	14.46	14.72	14.71	15.80
		MID	64QAM	14.50	14.66	14.65	15.80
		HIGH	64QAM	14.53	14.55	14.65	15.80
	25	LOW	64QAM	14.64	14.51	14.72	15.80
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	15.10	14.92	15.03	15.80
		MID	QPSK	15.18	15.11	15.08	15.80
		HIGH	QPSK	14.73	14.94	14.93	15.80
	25	LOW	QPSK	15.21	15.22	15.15	15.80
		MID	QPSK	15.10	14.89	15.11	15.80
		HIGH	QPSK	14.97	14.76	14.92	15.80
	50	LOW	QPSK	14.99	14.98	15.05	15.80
10	1	LOW	Q16	14.79	14.69	14.91	15.80
		MID	Q16	15.11	14.95	15.21	15.80
		HIGH	Q16	14.93	14.73	15.04	15.80
	25	LOW	Q16	14.99	15.03	15.30	15.80
		MID	Q16	14.97	15.12	15.09	15.80
		HIGH	Q16	14.99	14.93	15.13	15.80
	50	LOW	Q16	14.99	14.90	14.94	15.80
10	1	LOW	64QAM	14.59	14.47	14.62	15.80
		MID	64QAM	14.65	14.74	14.60	15.80
		HIGH	64QAM	14.60	14.62	14.47	15.80
	25	LOW	64QAM	14.75	14.64	14.55	15.80
		MID	64QAM	14.72	14.60	14.49	15.80
		HIGH	64QAM	14.63	14.61	14.74	15.80
	50	LOW	64QAM	14.66	14.45	14.68	15.80

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	14.90	14.87	15.12	15.80
		MID	QPSK	15.12	14.87	14.99	15.80
		HIGH	QPSK	14.72	14.80	14.99	15.80
	36	LOW	QPSK	14.95	15.28	15.12	15.80
		MID	QPSK	15.10	15.10	15.11	15.80
		HIGH	QPSK	14.73	14.71	15.14	15.80
	75	LOW	QPSK	15.05	15.04	15.07	15.80
15	1	LOW	Q16	14.77	14.74	14.98	15.80
		MID	Q16	14.93	14.92	15.25	15.80
		HIGH	Q16	14.83	14.64	14.94	15.80
	36	LOW	Q16	14.92	15.07	15.30	15.80
		MID	Q16	15.13	14.89	15.25	15.80
		HIGH	Q16	15.09	14.80	14.99	15.80
	75	LOW	Q16	15.15	14.94	15.21	15.80
15	1	LOW	64QAM	14.64	14.50	14.48	15.80
		MID	64QAM	14.48	14.47	14.57	15.80
		HIGH	64QAM	14.45	14.71	14.65	15.80
	36	LOW	64QAM	14.47	14.71	14.53	15.80
		MID	64QAM	14.73	14.47	14.71	15.80
		HIGH	64QAM	14.69	14.67	14.63	15.80
	75	LOW	64QAM	14.47	14.61	14.51	15.80
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	14.98	14.90	15.03	15.80
		MID	QPSK	15.06	14.98	15.08	15.80
		HIGH	QPSK	14.84	14.79	14.98	15.80
	50	LOW	QPSK	15.07	15.16	15.13	15.80
		MID	QPSK	15.05	15.02	15.09	15.80
		HIGH	QPSK	14.88	14.86	15.04	15.80
	100	LOW	QPSK	14.99	14.98	15.05	15.80
20	1	LOW	Q16	14.90	14.80	15.05	15.80
		MID	Q16	15.01	14.87	15.10	15.80
		HIGH	Q16	14.85	14.64	15.02	15.80
	50	LOW	Q16	15.04	15.13	15.16	15.80
		MID	Q16	15.06	15.03	15.10	15.80
		HIGH	Q16	14.96	14.90	15.03	15.80
	100	LOW	Q16	15.00	15.00	15.09	15.80
20	1	LOW	64QAM	14.49	14.66	14.72	15.80
		MID	64QAM	14.51	14.58	14.56	15.80
		HIGH	64QAM	14.48	14.49	14.52	15.80
	50	LOW	64QAM	14.75	14.48	14.61	15.80
		MID	64QAM	14.47	14.54	14.58	15.80
		HIGH	64QAM	14.51	14.48	14.67	15.80
	100	LOW	64QAM	14.47	14.72	14.56	15.80

LTE B38-Level5&6-Ant.0

Bandwidth	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	16.94	16.99	17.09	18.30
		MID	QPSK	17.16	17.15	17.34	18.30
		HIGH	QPSK	16.89	16.99	16.98	18.30
	12	LOW	QPSK	17.26	17.18	17.26	18.30
		MID	QPSK	17.16	17.07	17.21	18.30
		HIGH	QPSK	16.95	17.01	17.17	18.30
	25	LOW	QPSK	17.18	17.07	17.09	18.30
5	1	LOW	Q16	17.10	16.77	17.03	18.30
		MID	Q16	17.20	16.90	17.13	18.30
		HIGH	Q16	16.93	16.92	17.16	18.30
	12	LOW	Q16	17.23	17.10	17.39	18.30
		MID	Q16	17.14	17.02	17.14	18.30
		HIGH	Q16	17.04	16.91	17.00	18.30
	25	LOW	Q16	17.23	17.02	17.11	18.30
5	1	LOW	64QAM	17.18	17.19	17.07	18.30
		MID	64QAM	17.13	16.98	17.22	18.30
		HIGH	64QAM	17.05	17.01	16.96	18.30
	12	LOW	64QAM	16.96	17.17	17.02	18.30
		MID	64QAM	16.98	16.96	17.10	18.30
		HIGH	64QAM	16.98	17.20	17.05	18.30
	25	LOW	64QAM	17.12	17.01	17.20	18.30
Bandwidth	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	16.97	17.16	16.98	18.30
		MID	QPSK	17.29	17.16	17.07	18.30
		HIGH	QPSK	17.04	16.91	17.00	18.30
	25	LOW	QPSK	17.28	17.23	17.12	18.30
		MID	QPSK	17.05	17.23	17.22	18.30
		HIGH	QPSK	16.99	16.83	17.07	18.30
50	LOW	QPSK	16.97	17.00	17.21	18.30	
10	1	LOW	Q16	16.84	16.77	17.26	18.30
		MID	Q16	17.16	17.08	17.28	18.30
		HIGH	Q16	16.91	16.85	17.19	18.30
	25	LOW	Q16	17.11	17.29	17.17	18.30
		MID	Q16	17.14	17.13	17.04	18.30
		HIGH	Q16	16.96	16.86	17.10	18.30
	50	LOW	Q16	17.10	17.01	17.11	18.30
10	1	LOW	64QAM	17.08	17.09	17.21	18.30
		MID	64QAM	17.24	17.21	16.96	18.30
		HIGH	64QAM	17.11	17.15	17.14	18.30
	25	LOW	64QAM	17.23	17.05	17.24	18.30
		MID	64QAM	17.19	17.20	17.08	18.30
		HIGH	64QAM	17.00	17.18	16.98	18.30
	50	LOW	64QAM	16.95	17.02	17.07	18.30

Bandwidth	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	17.01	16.98	17.17	18.30
		MID	QPSK	17.12	17.07	17.06	18.30
		HIGH	QPSK	17.12	16.96	17.08	18.30
	36	LOW	QPSK	17.25	17.36	17.32	18.30
		MID	QPSK	17.32	17.00	17.07	18.30
		HIGH	QPSK	17.18	16.84	17.15	18.30
	75	LOW	QPSK	17.23	17.07	17.02	18.30
15	1	LOW	Q16	16.87	17.02	17.30	18.30
		MID	Q16	17.13	16.94	17.19	18.30
		HIGH	Q16	16.95	16.74	17.22	18.30
	36	LOW	Q16	17.16	17.19	17.39	18.30
		MID	Q16	17.14	17.19	17.24	18.30
		HIGH	Q16	17.10	16.84	17.17	18.30
	75	LOW	Q16	17.00	17.01	17.11	18.30
15	1	LOW	64QAM	17.07	16.99	16.98	18.30
		MID	64QAM	17.01	16.99	17.08	18.30
		HIGH	64QAM	17.21	17.17	17.00	18.30
	36	LOW	64QAM	17.14	16.97	17.03	18.30
		MID	64QAM	17.12	17.07	17.25	18.30
		HIGH	64QAM	17.08	17.23	17.19	18.30
	75	LOW	64QAM	17.12	17.19	16.99	18.30
Bandwidth	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	17.06	17.04	17.12	18.30
		MID	QPSK	17.20	17.14	17.19	18.30
		HIGH	QPSK	17.00	16.92	17.13	18.30
	50	LOW	QPSK	17.14	17.24	17.25	18.30
		MID	QPSK	17.19	17.15	17.15	18.30
		HIGH	QPSK	17.08	16.98	17.10	18.30
	100	LOW	QPSK	17.11	17.09	17.14	18.30
20	1	LOW	Q16	16.98	16.88	17.16	18.30
		MID	Q16	17.14	17.05	17.20	18.30
		HIGH	Q16	16.93	16.79	17.11	18.30
	50	LOW	Q16	17.14	17.20	17.24	18.30
		MID	Q16	17.17	17.13	17.17	18.30
		HIGH	Q16	17.08	16.99	17.08	18.30
	100	LOW	Q16	17.09	17.10	17.19	18.30
20	1	LOW	64QAM	17.04	17.09	17.21	18.30
		MID	64QAM	17.16	17.11	17.19	18.30
		HIGH	64QAM	17.12	17.25	17.06	18.30
	50	LOW	64QAM	17.22	16.97	17.24	18.30
		MID	64QAM	17.24	16.97	17.09	18.30
		HIGH	64QAM	17.15	17.07	17.04	18.30
	100	LOW	64QAM	17.03	17.01	17.03	18.30

8.3.10 LTE Band41 Output Power

LTE B41-Level1-Ant.1									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	14.67	14.66	14.88	14.58	14.55	15.30
		MID	QPSK	14.83	14.79	14.66	14.95	14.53	15.30
		HIGH	QPSK	14.44	14.51	14.59	14.61	14.46	15.30
	12	LOW	QPSK	14.75	14.61	14.68	14.70	14.62	15.30
		MID	QPSK	14.86	14.79	14.85	14.97	14.78	15.30
		HIGH	QPSK	14.71	14.70	14.74	14.70	14.67	15.30
	25	LOW	QPSK	14.72	14.92	14.84	14.82	14.94	15.30
5	1	LOW	Q16	15.13	15.05	15.06	14.86	14.98	15.30
		MID	Q16	14.92	14.76	15.16	14.97	14.78	15.30
		HIGH	Q16	15.04	15.00	14.98	15.05	14.92	15.30
	12	LOW	Q16	14.82	14.61	14.45	14.78	14.83	15.30
		MID	Q16	14.83	14.63	14.72	14.88	14.63	15.30
		HIGH	Q16	14.65	14.84	14.71	14.79	14.57	15.30
	25	LOW	Q16	14.80	14.62	14.71	15.00	14.68	15.30
5	1	LOW	64QAM	14.38	14.34	14.64	14.56	14.43	15.30
		MID	64QAM	14.58	14.49	14.55	14.38	14.65	15.30
		HIGH	64QAM	14.51	14.36	14.62	14.35	14.36	15.30
	12	LOW	64QAM	14.44	14.59	14.60	14.59	14.41	15.30
		MID	64QAM	14.61	14.63	14.45	14.46	14.61	15.30
		HIGH	64QAM	14.35	14.54	14.54	14.48	14.41	15.30
	25	LOW	64QAM	14.49	14.61	14.60	14.39	14.53	15.30
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	14.74	14.59	14.83	14.75	14.65	15.30
		MID	QPSK	14.65	14.75	14.91	14.71	14.72	15.30
		HIGH	QPSK	14.44	14.65	14.59	14.53	14.51	15.30
	25	LOW	QPSK	14.63	14.83	14.66	14.79	14.72	15.30
		MID	QPSK	14.80	14.82	14.73	14.81	14.75	15.30
		HIGH	QPSK	14.92	14.81	14.86	14.82	14.63	15.30
	50	LOW	QPSK	14.94	14.91	14.74	14.71	14.84	15.30
10	1	LOW	Q16	14.92	14.97	14.95	14.92	15.02	15.30
		MID	Q16	14.95	14.88	14.97	15.17	14.66	15.30
		HIGH	Q16	14.91	14.85	14.89	14.88	15.00	15.30
	25	LOW	Q16	14.85	14.56	14.67	14.96	14.80	15.30
		MID	Q16	14.92	14.65	14.88	14.79	14.53	15.30
		HIGH	Q16	14.58	14.60	14.93	14.66	14.65	15.30
	50	LOW	Q16	14.74	14.61	14.58	14.82	14.59	15.30
10	1	LOW	64QAM	14.35	14.41	14.50	14.65	14.53	15.30
		MID	64QAM	14.41	14.39	14.37	14.49	14.64	15.30
		HIGH	64QAM	14.58	14.50	14.64	14.65	14.63	15.30
	25	LOW	64QAM	14.56	14.50	14.56	14.48	14.59	15.30
		MID	64QAM	14.39	14.44	14.59	14.63	14.49	15.30
		HIGH	64QAM	14.54	14.35	14.61	14.53	14.46	15.30
	50	LOW	64QAM	14.45	14.60	14.39	14.59	14.53	15.30

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	14.51	14.59	14.70	14.70	14.63	15.30
		MID	QPSK	14.73	14.82	14.79	14.99	14.52	15.30
		HIGH	QPSK	14.53	14.68	14.64	14.72	14.64	15.30
	36	LOW	QPSK	14.62	14.76	14.56	14.87	14.84	15.30
		MID	QPSK	14.64	14.74	14.73	14.87	14.74	15.30
		HIGH	QPSK	14.85	14.80	14.68	14.78	14.73	15.30
	75	LOW	QPSK	14.67	14.91	14.69	14.66	14.79	15.30
15	1	LOW	Q16	15.03	14.81	14.94	14.94	14.83	15.30
		MID	Q16	15.10	14.76	15.02	14.88	14.66	15.30
		HIGH	Q16	14.82	14.92	14.89	14.92	14.85	15.30
	36	LOW	Q16	14.73	14.82	14.59	14.95	14.62	15.30
		MID	Q16	14.84	14.64	14.84	14.93	14.68	15.30
		HIGH	Q16	14.59	14.84	14.88	14.84	14.75	15.30
	75	LOW	Q16	14.67	14.74	14.57	14.89	14.77	15.30
15	1	LOW	64QAM	14.48	14.46	14.52	14.72	14.52	15.30
		MID	64QAM	14.50	14.51	14.45	14.53	14.51	15.30
		HIGH	64QAM	14.60	14.51	14.57	14.56	14.35	15.30
	36	LOW	64QAM	14.37	14.45	14.57	14.56	14.47	15.30
		MID	64QAM	14.35	14.39	14.45	14.36	14.64	15.30
		HIGH	64QAM	14.37	14.64	14.47	14.37	14.61	15.30
	75	LOW	64QAM	14.35	14.50	14.58	14.53	14.55	15.30
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	14.63	14.64	14.73	14.68	14.62	15.30
		MID	QPSK	14.75	14.76	14.81	14.71	14.64	15.30
		HIGH	QPSK	14.58	14.60	14.61	14.65	14.52	15.30
	50	LOW	QPSK	14.73	14.68	14.62	14.75	14.74	15.30
		MID	QPSK	14.73	14.77	14.79	14.71	14.75	15.30
		HIGH	QPSK	14.82	14.77	14.81	14.80	14.65	15.30
	100	LOW	QPSK	14.81	14.77	14.79	14.71	14.81	15.30
20	1	LOW	Q16	15.00	14.93	15.07	14.96	14.92	15.30
		MID	Q16	15.00	14.91	15.01	15.03	14.79	15.30
		HIGH	Q16	14.95	14.90	14.94	14.90	14.85	15.30
	50	LOW	Q16	14.73	14.69	14.55	14.87	14.76	15.30
		MID	Q16	14.78	14.72	14.76	14.86	14.66	15.30
		HIGH	Q16	14.67	14.74	14.83	14.81	14.71	15.30
	100	LOW	Q16	14.77	14.74	14.69	14.85	14.68	15.30
20	1	LOW	64QAM	14.43	14.47	14.57	14.64	14.45	15.30
		MID	64QAM	14.42	14.54	14.35	14.39	14.38	15.30
		HIGH	64QAM	14.62	14.45	14.43	14.41	14.35	15.30
	50	LOW	64QAM	14.40	14.35	14.45	14.61	14.53	15.30
		MID	64QAM	14.57	14.35	14.52	14.54	14.45	15.30
		HIGH	64QAM	14.54	14.36	14.56	14.44	14.41	15.30
	100	LOW	64QAM	14.59	14.53	14.52	14.50	14.43	15.30

LTE B41-Level1-Ant.0									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	23.29	23.27	23.38	23.16	23.80
		MID	QPSK	23.16	23.13	23.34	23.16	23.31	23.80
		HIGH	QPSK	23.33	23.05	23.23	23.11	23.08	23.80
	12	LOW	QPSK	22.05	22.10	22.37	22.36	22.24	22.80
		MID	QPSK	22.40	22.45	22.30	22.46	22.50	22.80
		HIGH	QPSK	22.21	22.16	22.36	22.46	22.17	22.80
	25	LOW	QPSK	22.28	22.20	22.27	22.39	22.17	22.80
5	1	LOW	Q16	22.31	22.36	22.28	22.65	22.44	22.80
		MID	Q16	22.41	22.54	22.59	22.67	22.42	22.80
		HIGH	Q16	22.32	22.38	22.33	22.17	22.22	22.80
	12	LOW	Q16	21.55	21.16	21.41	21.17	21.17	21.80
		MID	Q16	21.30	21.19	21.25	21.41	21.39	21.80
		HIGH	Q16	21.19	21.26	21.39	21.57	21.20	21.80
	25	LOW	Q16	21.33	21.17	21.31	21.17	21.36	21.80
5	1	LOW	64QAM	21.02	20.91	21.01	21.06	21.10	21.80
		MID	64QAM	20.86	21.13	21.14	21.03	21.02	21.80
		HIGH	64QAM	21.09	20.98	20.96	20.86	20.87	21.80
	12	LOW	64QAM	19.87	20.06	19.97	20.05	20.01	20.80
		MID	64QAM	19.87	20.00	19.93	20.04	20.10	20.80
		HIGH	64QAM	19.86	19.88	19.94	19.94	20.09	20.80
	25	LOW	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.28	23.14	23.31	23.00	23.80
		MID	QPSK	23.33	23.16	23.43	23.41	23.22	23.80
		HIGH	QPSK	23.25	23.28	23.16	23.18	23.23	23.80
	25	LOW	QPSK	22.06	22.10	22.22	22.32	22.15	22.80
		MID	QPSK	22.50	22.38	22.35	22.34	22.50	22.80
		HIGH	QPSK	22.19	22.44	22.37	22.48	22.30	22.80
50	LOW	QPSK	22.45	22.14	22.38	22.40	22.29	22.80	
10	1	LOW	Q16	22.49	22.57	22.49	22.56	22.56	22.80
		MID	Q16	22.36	22.70	22.52	22.70	22.56	22.80
		HIGH	Q16	22.38	22.34	22.47	22.34	22.36	22.80
	25	LOW	Q16	21.39	21.24	21.25	21.38	21.40	21.80
		MID	Q16	21.47	21.25	21.34	21.47	21.26	21.80
		HIGH	Q16	21.36	21.28	21.37	21.33	21.17	21.80
50	LOW	Q16	21.35	21.26	21.30	21.07	21.39	21.80	
10	1	LOW	64QAM	20.85	21.14	21.15	21.02	20.93	21.80
		MID	64QAM	21.02	20.90	21.13	21.14	21.09	21.80
		HIGH	64QAM	21.07	21.15	21.06	20.85	21.08	21.80
	25	LOW	64QAM	20.04	20.09	20.10	20.01	19.86	20.80
		MID	64QAM	19.89	20.04	20.15	20.08	19.85	20.80
		HIGH	64QAM	20.08	20.12	20.13	19.85	20.14	20.80
	50	LOW	64QAM	20.13	20.07	19.91	20.14	20.06	20.80

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.16	23.14	23.23	23.39	23.26	23.80
		MID	QPSK	23.35	23.21	23.35	23.37	23.22	23.80
		HIGH	QPSK	23.10	23.23	22.96	23.04	23.11	23.80
	36	LOW	QPSK	22.27	22.07	22.22	22.19	22.21	22.80
		MID	QPSK	22.42	22.32	22.30	22.29	22.34	22.80
		HIGH	QPSK	22.11	22.42	22.36	22.28	22.14	22.80
	75	LOW	QPSK	22.29	22.27	22.39	22.49	22.06	22.80
15	1	LOW	Q16	22.34	22.44	22.43	22.67	22.44	22.80
		MID	Q16	22.34	22.62	22.45	22.52	22.52	22.80
		HIGH	Q16	22.47	22.59	22.50	22.35	22.42	22.80
	36	LOW	Q16	21.56	21.05	21.21	21.31	21.35	21.80
		MID	Q16	21.34	21.41	21.42	21.45	21.28	21.80
		HIGH	Q16	21.42	21.22	21.40	21.34	21.29	21.80
	75	LOW	Q16	21.39	21.33	21.24	21.32	21.21	21.80
15	1	LOW	64QAM	21.03	21.16	21.12	20.80	21.01	21.80
		MID	64QAM	20.96	21.02	21.08	21.11	21.08	21.80
		HIGH	64QAM	21.03	21.15	21.01	21.05	21.15	21.80
	36	LOW	64QAM	20.05	19.88	19.97	20.08	19.98	20.80
		MID	64QAM	19.87	20.01	19.90	20.05	20.06	20.80
		HIGH	64QAM	20.10	20.05	20.10	20.14	20.05	20.80
	75	LOW	64QAM	20.14	19.98	20.01	20.04	19.89	20.80
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.18	23.17	23.24	23.25	23.15	23.80
		MID	QPSK	23.27	23.27	23.36	23.30	23.29	23.80
		HIGH	QPSK	23.19	23.17	23.11	23.19	23.16	23.80
	50	LOW	QPSK	22.15	22.20	22.26	22.33	22.18	22.80
		MID	QPSK	22.41	22.30	22.31	22.35	22.39	22.80
		HIGH	QPSK	22.19	22.30	22.32	22.34	22.19	22.80
100	LOW	QPSK	22.31	22.26	22.29	22.35	22.21	22.80	
20	1	LOW	Q16	22.34	22.48	22.40	22.52	22.47	22.80
		MID	Q16	22.49	22.49	22.51	22.36	22.55	22.80
		HIGH	Q16	22.41	22.45	22.38	22.32	22.30	22.80
	50	LOW	Q16	21.44	21.15	21.36	21.32	21.29	21.80
		MID	Q16	21.42	21.27	21.34	21.36	21.41	21.80
		HIGH	Q16	21.31	21.24	21.32	21.44	21.31	21.80
	100	LOW	Q16	21.31	21.22	21.33	21.21	21.28	21.80
20	1	LOW	64QAM	20.93	21.02	21.07	20.92	20.99	21.80
		MID	64QAM	20.88	21.15	20.87	21.08	20.86	21.80
		HIGH	64QAM	20.87	20.92	20.86	21.03	21.11	21.80
	50	LOW	64QAM	20.04	19.96	20.12	19.99	19.99	20.80
		MID	64QAM	20.05	19.90	19.99	20.13	19.90	20.80
		HIGH	64QAM	19.97	19.96	19.98	19.95	19.90	20.80
	100	LOW	64QAM	19.87	19.93	20.07	20.07	19.95	20.80

LTE B41-Level2&3-Ant.1									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	12.34	12.41	12.25	12.36	12.34	13.30
		MID	QPSK	12.36	12.51	12.44	12.61	12.47	13.30
		HIGH	QPSK	12.26	12.18	12.29	12.38	12.24	13.30
	12	LOW	QPSK	12.49	12.42	12.62	12.45	12.65	13.30
		MID	QPSK	12.41	12.44	12.37	12.69	12.63	13.30
		HIGH	QPSK	12.30	12.41	12.40	12.66	12.54	13.30
	25	LOW	QPSK	12.37	12.40	12.57	12.54	12.52	13.30
	5	LOW	Q16	12.06	12.13	12.38	12.23	12.08	13.30
		MID	Q16	12.52	12.49	12.42	12.27	12.41	13.30
		HIGH	Q16	11.93	12.10	12.24	12.24	12.21	13.30
		LOW	Q16	11.79	12.03	12.03	12.20	11.88	13.30
		MID	Q16	11.95	12.15	12.04	12.06	12.12	13.30
		HIGH	Q16	12.00	12.14	12.05	12.12	12.09	13.30
	25	LOW	Q16	11.98	11.92	12.04	12.32	12.01	13.30
5	1	LOW	64QAM	12.22	12.28	12.32	12.29	12.21	13.30
		MID	64QAM	12.59	12.35	12.36	12.59	12.42	13.30
		HIGH	64QAM	12.35	12.43	12.64	12.47	12.64	13.30
	12	LOW	64QAM	12.55	12.43	12.51	12.65	12.42	13.30
		MID	64QAM	12.39	12.47	12.54	12.55	12.47	13.30
		HIGH	64QAM	12.46	12.35	12.64	12.63	12.42	13.30
	25	LOW	64QAM	12.37	12.47	12.51	12.64	12.51	13.30
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	12.19	12.27	12.44	12.51	12.32	13.30
		MID	QPSK	12.54	12.53	12.44	12.59	12.48	13.30
		HIGH	QPSK	12.30	12.22	12.04	12.32	12.45	13.30
	25	LOW	QPSK	12.63	12.38	12.40	12.64	12.57	13.30
		MID	QPSK	12.21	12.42	12.45	12.45	12.49	13.30
		HIGH	QPSK	12.29	12.45	12.37	12.43	12.51	13.30
10	50	LOW	QPSK	12.24	12.27	12.58	12.58	12.56	13.30
	1	LOW	Q16	12.16	12.25	12.50	12.28	11.96	13.30
		MID	Q16	12.44	12.45	12.39	12.37	12.63	13.30
		HIGH	Q16	12.02	12.32	12.36	12.06	12.11	13.30
	25	LOW	Q16	11.95	12.10	12.14	12.19	11.85	13.30
		MID	Q16	12.01	12.07	12.11	12.19	12.28	13.30
		HIGH	Q16	11.95	12.16	12.08	12.14	12.36	13.30
	50	LOW	Q16	12.00	11.92	11.95	12.14	12.01	13.30
10	1	LOW	64QAM	12.23	12.14	12.14	12.31	12.14	13.30
		MID	64QAM	12.39	12.44	12.54	12.57	12.55	13.30
		HIGH	64QAM	12.58	12.58	12.48	12.63	12.65	13.30
	25	LOW	64QAM	12.63	12.60	12.44	12.53	12.45	13.30
		MID	64QAM	12.49	12.43	12.37	12.58	12.37	13.30
		HIGH	64QAM	12.54	12.48	12.56	12.61	12.46	13.30
	50	LOW	64QAM	12.39	12.60	12.52	12.42	12.47	13.30

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	12.28	12.47	12.32	12.50	12.28	13.30
		MID	QPSK	12.51	12.58	12.46	12.52	12.45	13.30
		HIGH	QPSK	12.23	12.25	12.31	12.25	12.23	13.30
	36	LOW	QPSK	12.49	12.46	12.45	12.62	12.44	13.30
		MID	QPSK	12.41	12.58	12.54	12.55	12.68	13.30
		HIGH	QPSK	12.49	12.35	12.35	12.46	12.52	13.30
	75	LOW	QPSK	12.20	12.56	12.47	12.52	12.60	13.30
15	1	LOW	Q16	12.35	12.14	12.43	12.21	12.09	13.30
		MID	Q16	12.31	12.53	12.62	12.20	12.50	13.30
		HIGH	Q16	12.07	12.29	12.30	12.32	12.16	13.30
	36	LOW	Q16	11.86	11.92	12.07	12.22	11.94	13.30
		MID	Q16	12.05	12.16	12.12	12.28	12.04	13.30
		HIGH	Q16	11.98	12.18	12.09	12.24	12.23	13.30
	75	LOW	Q16	12.04	12.12	11.97	12.30	11.83	13.30
15	1	LOW	64QAM	12.35	12.11	12.26	12.27	12.23	13.30
		MID	64QAM	12.38	12.50	12.64	12.65	12.58	13.30
		HIGH	64QAM	12.54	12.49	12.61	12.37	12.54	13.30
	36	LOW	64QAM	12.57	12.35	12.37	12.57	12.36	13.30
		MID	64QAM	12.47	12.64	12.36	12.60	12.42	13.30
		HIGH	64QAM	12.53	12.46	12.44	12.63	12.56	13.30
	75	LOW	64QAM	12.37	12.39	12.60	12.58	12.46	13.30
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	12.23	12.33	12.38	12.44	12.40	13.30
		MID	QPSK	12.51	12.47	12.43	12.50	12.55	13.30
		HIGH	QPSK	12.35	12.26	12.18	12.38	12.38	13.30
	50	LOW	QPSK	12.53	12.39	12.54	12.55	12.52	13.30
		MID	QPSK	12.35	12.46	12.43	12.54	12.59	13.30
		HIGH	QPSK	12.35	12.40	12.29	12.51	12.48	13.30
	100	LOW	QPSK	12.33	12.42	12.53	12.55	12.47	13.30
20	1	LOW	Q16	12.21	12.25	12.36	12.23	12.10	13.30
		MID	Q16	12.46	12.39	12.48	12.34	12.53	13.30
		HIGH	Q16	12.06	12.17	12.30	12.21	12.20	13.30
	50	LOW	Q16	11.91	12.02	12.16	12.22	12.00	13.30
		MID	Q16	11.94	12.09	12.19	12.19	12.15	13.30
		HIGH	Q16	12.03	12.08	12.13	12.14	12.21	13.30
	100	LOW	Q16	11.97	12.05	11.92	12.18	11.98	13.30
20	1	LOW	64QAM	12.30	12.21	12.24	12.20	12.12	13.30
		MID	64QAM	12.11	12.20	12.08	12.12	12.14	13.30
		HIGH	64QAM	12.07	12.20	12.26	12.24	12.30	13.30
	50	LOW	64QAM	12.12	12.28	12.26	12.33	12.32	13.30
		MID	64QAM	12.13	12.33	12.19	12.19	12.12	13.30
		HIGH	64QAM	12.34	12.29	12.32	12.13	12.06	13.30
	100	LOW	64QAM	12.10	12.11	12.28	12.28	12.22	13.30

LTE B41-Level2&3-Ant.0									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	23.29	23.27	23.38	23.16	23.80
		MID	QPSK	23.16	23.13	23.34	23.16	23.31	23.80
		HIGH	QPSK	23.33	23.05	23.23	23.11	23.08	23.80
	12	LOW	QPSK	22.05	22.10	22.37	22.36	22.24	22.80
		MID	QPSK	22.40	22.45	22.30	22.46	22.50	22.80
		HIGH	QPSK	22.21	22.16	22.36	22.46	22.17	22.80
5	1	LOW	QPSK	22.28	22.20	22.27	22.39	22.17	22.80
	12	LOW	Q16	22.31	22.36	22.28	22.65	22.44	22.80
		MID	Q16	22.41	22.54	22.59	22.67	22.42	22.80
		HIGH	Q16	22.32	22.38	22.33	22.17	22.22	22.80
	25	LOW	Q16	21.55	21.16	21.41	21.17	21.17	21.80
		MID	Q16	21.30	21.19	21.25	21.41	21.39	21.80
5	1	LOW	Q16	21.19	21.26	21.39	21.57	21.20	21.80
		MID	Q16	21.33	21.17	21.31	21.17	21.36	21.80
		HIGH	Q16	21.09	21.13	21.14	21.03	21.02	21.80
	12	LOW	64QAM	21.02	20.91	21.01	21.06	21.10	21.80
		MID	64QAM	20.86	20.06	19.97	20.05	20.01	20.80
		HIGH	64QAM	19.87	20.00	19.93	20.04	20.10	20.80
5	1	LOW	64QAM	19.87	19.88	19.94	19.94	20.09	20.80
		MID	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
		HIGH	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
	12	LOW	64QAM	19.87	20.00	19.93	20.04	20.10	20.80
		MID	64QAM	19.87	20.00	19.93	20.04	20.10	20.80
		HIGH	64QAM	19.86	19.88	19.94	19.94	20.09	20.80
5	25	LOW	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
		MID	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
		HIGH	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
	50	LOW	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
		MID	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
		HIGH	64QAM	19.97	19.95	20.15	19.99	20.10	20.80
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.24	23.28	23.14	23.31	23.00	23.80
		MID	QPSK	23.33	23.16	23.43	23.41	23.22	23.80
		HIGH	QPSK	23.25	23.28	23.16	23.18	23.23	23.80
	25	LOW	QPSK	22.06	22.10	22.22	22.32	22.15	22.80
		MID	QPSK	22.50	22.38	22.35	22.34	22.50	22.80
		HIGH	QPSK	22.19	22.44	22.37	22.48	22.30	22.80
10	50	LOW	QPSK	22.45	22.14	22.38	22.40	22.29	22.80
	1	LOW	Q16	22.49	22.57	22.49	22.56	22.56	22.80
		MID	Q16	22.36	22.70	22.52	22.70	22.56	22.80
		HIGH	Q16	22.38	22.34	22.47	22.34	22.36	22.80
	25	LOW	Q16	21.39	21.24	21.25	21.38	21.40	21.80
		MID	Q16	21.47	21.25	21.34	21.47	21.26	21.80
10	50	LOW	Q16	21.36	21.28	21.37	21.33	21.17	21.80
		MID	Q16	21.35	21.26	21.30	21.07	21.39	21.80
		HIGH	Q16	21.35	21.26	21.30	21.07	21.39	21.80
	1	LOW	64QAM	20.85	21.14	21.15	21.02	20.93	21.80
		MID	64QAM	21.02	20.90	21.13	21.14	21.09	21.80
		HIGH	64QAM	21.07	21.15	21.06	20.85	21.08	21.80
10	25	LOW	64QAM	20.04	20.09	20.10	20.01	19.86	20.80
		MID	64QAM	19.89	20.04	20.15	20.08	19.85	20.80
		HIGH	64QAM	20.08	20.12	20.13	19.85	20.14	20.80
	50	LOW	64QAM	20.13	20.07	19.91	20.14	20.06	20.80
		MID	64QAM	20.13	20.07	19.91	20.14	20.06	20.80
		HIGH	64QAM	20.13	20.07	19.91	20.14	20.06	20.80

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.16	23.14	23.23	23.39	23.26	23.80
		MID	QPSK	23.35	23.21	23.35	23.37	23.22	23.80
		HIGH	QPSK	23.10	23.23	22.96	23.04	23.11	23.80
	36	LOW	QPSK	22.27	22.07	22.22	22.19	22.21	22.80
		MID	QPSK	22.42	22.32	22.30	22.29	22.34	22.80
		HIGH	QPSK	22.11	22.42	22.36	22.28	22.14	22.80
	75	LOW	QPSK	22.29	22.27	22.39	22.49	22.06	22.80
15	1	LOW	Q16	22.34	22.44	22.43	22.67	22.44	22.80
		MID	Q16	22.34	22.62	22.45	22.52	22.52	22.80
		HIGH	Q16	22.47	22.59	22.50	22.35	22.42	22.80
	36	LOW	Q16	21.56	21.05	21.21	21.31	21.35	21.80
		MID	Q16	21.34	21.41	21.42	21.45	21.28	21.80
		HIGH	Q16	21.42	21.22	21.40	21.34	21.29	21.80
	75	LOW	Q16	21.39	21.33	21.24	21.32	21.21	21.80
15	1	LOW	64QAM	21.03	21.16	21.12	20.80	21.01	21.80
		MID	64QAM	20.96	21.02	21.08	21.11	21.08	21.80
		HIGH	64QAM	21.03	21.15	21.01	21.05	21.15	21.80
	36	LOW	64QAM	20.05	19.88	19.97	20.08	19.98	20.80
		MID	64QAM	19.87	20.01	19.90	20.05	20.06	20.80
		HIGH	64QAM	20.10	20.05	20.10	20.14	20.05	20.80
	75	LOW	64QAM	20.14	19.98	20.01	20.04	19.89	20.80
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.18	23.17	23.24	23.25	23.15	23.80
		MID	QPSK	23.27	23.27	23.36	23.30	23.29	23.80
		HIGH	QPSK	23.19	23.17	23.11	23.19	23.16	23.80
	50	LOW	QPSK	22.15	22.20	22.26	22.33	22.18	22.80
		MID	QPSK	22.41	22.30	22.31	22.35	22.39	22.80
		HIGH	QPSK	22.19	22.30	22.32	22.34	22.19	22.80
100	LOW	QPSK	22.31	22.26	22.29	22.35	22.21	22.80	
20	1	LOW	Q16	22.34	22.48	22.40	22.52	22.47	22.80
		MID	Q16	22.49	22.49	22.51	22.36	22.55	22.80
		HIGH	Q16	22.41	22.45	22.38	22.32	22.30	22.80
	50	LOW	Q16	21.44	21.15	21.36	21.32	21.29	21.80
		MID	Q16	21.42	21.27	21.34	21.36	21.41	21.80
		HIGH	Q16	21.31	21.24	21.32	21.44	21.31	21.80
	100	LOW	Q16	21.31	21.22	21.33	21.21	21.28	21.80
20	1	LOW	64QAM	20.93	21.02	21.07	20.92	20.99	21.80
		MID	64QAM	20.88	21.15	20.87	21.08	20.86	21.80
		HIGH	64QAM	20.87	20.92	20.86	21.03	21.11	21.80
	50	LOW	64QAM	20.04	19.96	20.12	19.99	19.99	20.80
		MID	64QAM	20.05	19.90	19.99	20.13	19.90	20.80
		HIGH	64QAM	19.97	19.96	19.98	19.95	19.90	20.80
	100	LOW	64QAM	19.87	19.93	20.07	20.07	19.95	20.80

LTE B41-Level4-Ant.1									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	16.72	16.65	16.78	16.80	16.82	17.80
		MID	QPSK	17.01	16.98	16.83	17.10	17.05	17.80
		HIGH	QPSK	16.69	16.54	16.65	16.68	16.67	17.80
	12	LOW	QPSK	16.79	16.77	16.80	17.01	16.81	17.80
		MID	QPSK	17.03	16.83	16.73	16.85	16.94	17.80
		HIGH	QPSK	16.85	16.97	16.71	16.76	16.90	17.80
	25	LOW	QPSK	17.05	16.69	17.01	16.80	16.96	17.80
5	1	LOW	Q16	16.65	16.61	16.53	16.68	16.71	17.80
		MID	Q16	16.90	16.74	16.76	16.90	17.04	17.80
		HIGH	Q16	16.84	16.73	16.89	16.54	16.60	17.80
	12	LOW	Q16	16.71	16.88	16.55	16.99	17.02	17.80
		MID	Q16	16.79	16.67	16.82	16.82	16.74	17.80
		HIGH	Q16	16.95	16.86	16.91	16.85	17.12	17.80
	25	LOW	Q16	16.80	16.84	16.63	16.87	16.62	17.80
5	1	LOW	64QAM	16.91	16.57	16.87	16.63	16.82	17.80
		MID	64QAM	17.15	16.93	17.15	16.97	17.02	17.80
		HIGH	64QAM	16.98	16.88	17.04	17.04	17.00	17.80
	12	LOW	64QAM	16.90	17.05	16.88	16.87	17.10	17.80
		MID	64QAM	17.11	16.85	17.07	17.01	16.97	17.80
		HIGH	64QAM	17.07	17.14	17.04	16.99	17.12	17.80
	25	LOW	64QAM	16.94	16.88	17.15	16.88	17.03	17.80
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	16.75	16.80	16.83	16.79	16.92	17.80
		MID	QPSK	17.01	16.87	16.97	17.10	17.13	17.80
		HIGH	QPSK	16.72	16.57	16.79	16.76	16.65	17.80
	25	LOW	QPSK	16.73	16.72	16.88	17.10	16.84	17.80
		MID	QPSK	17.09	16.93	16.73	16.99	16.80	17.80
		HIGH	QPSK	16.81	16.98	16.76	16.84	16.97	17.80
	50	LOW	QPSK	16.96	16.96	17.09	17.10	16.72	17.80
10	1	LOW	Q16	16.68	16.73	16.64	16.52	16.95	17.80
		MID	Q16	16.79	17.03	16.77	16.73	16.89	17.80
		HIGH	Q16	16.57	16.71	16.91	16.56	16.64	17.80
	25	LOW	Q16	16.87	16.84	16.68	16.87	17.03	17.80
		MID	Q16	16.91	16.78	16.66	16.95	16.92	17.80
		HIGH	Q16	17.03	16.73	16.95	16.80	16.87	17.80
	50	LOW	Q16	16.89	16.94	16.65	17.08	16.68	17.80
10	1	LOW	64QAM	16.83	16.48	16.91	16.58	16.88	17.80
		MID	64QAM	17.13	16.93	16.85	16.92	16.92	17.80
		HIGH	64QAM	16.90	16.93	16.92	17.08	17.07	17.80
	25	LOW	64QAM	17.02	16.93	16.86	16.90	16.98	17.80
		MID	64QAM	16.86	17.03	16.93	17.15	16.87	17.80
		HIGH	64QAM	17.03	16.99	16.86	17.15	17.14	17.80
	50	LOW	64QAM	16.90	17.13	16.86	16.97	17.07	17.80

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	16.74	16.65	16.62	16.80	16.83	17.80
		MID	QPSK	17.01	16.80	16.96	17.06	17.07	17.80
		HIGH	QPSK	16.61	16.72	16.92	16.68	16.49	17.80
	36	LOW	QPSK	16.84	16.74	16.81	17.02	16.73	17.80
		MID	QPSK	16.96	16.93	16.78	17.07	17.01	17.80
		HIGH	QPSK	16.90	16.94	16.82	16.86	16.76	17.80
	75	LOW	QPSK	16.92	16.73	16.83	17.10	16.74	17.80
15	1	LOW	Q16	16.74	16.81	16.61	16.60	16.96	17.80
		MID	Q16	16.72	16.93	16.77	16.91	16.95	17.80
		HIGH	Q16	16.57	16.71	16.85	16.71	16.60	17.80
	36	LOW	Q16	16.87	16.82	16.74	16.89	16.86	17.80
		MID	Q16	16.81	16.84	16.76	16.97	17.01	17.80
		HIGH	Q16	16.97	16.78	16.74	16.83	16.86	17.80
	75	LOW	Q16	16.91	16.71	16.75	17.01	16.57	17.80
15	1	LOW	64QAM	16.81	16.68	16.74	16.81	16.67	17.80
		MID	64QAM	16.86	16.94	17.08	17.04	17.11	17.80
		HIGH	64QAM	16.96	17.08	16.97	16.87	16.88	17.80
	36	LOW	64QAM	17.08	16.90	16.95	17.03	17.01	17.80
		MID	64QAM	17.01	17.03	17.03	16.99	16.95	17.80
		HIGH	64QAM	16.89	16.97	16.94	17.14	17.12	17.80
	75	LOW	64QAM	17.14	17.13	16.96	17.14	17.10	17.80
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	16.86	16.80	16.72	16.81	16.82	17.80
		MID	QPSK	16.96	16.94	16.90	16.96	17.08	17.80
		HIGH	QPSK	16.70	16.67	16.77	16.79	16.56	17.80
	50	LOW	QPSK	16.84	16.79	16.78	16.98	16.81	17.80
		MID	QPSK	16.95	16.87	16.81	16.94	16.87	17.80
		HIGH	QPSK	16.90	16.85	16.85	16.91	16.86	17.80
	100	LOW	QPSK	16.95	16.84	16.97	16.95	16.85	17.80
20	1	LOW	Q16	16.62	16.75	16.61	16.65	16.83	17.80
		MID	Q16	16.87	16.88	16.85	16.77	17.02	17.80
		HIGH	Q16	16.70	16.64	16.78	16.62	16.56	17.80
	50	LOW	Q16	16.85	16.79	16.64	16.97	16.94	17.80
		MID	Q16	16.83	16.82	16.80	16.96	16.86	17.80
		HIGH	Q16	16.91	16.84	16.84	16.89	16.98	17.80
	100	LOW	Q16	16.76	16.80	16.65	16.93	16.72	17.80
20	1	LOW	64QAM	16.76	16.55	16.78	16.71	16.79	17.80
		MID	64QAM	16.69	16.55	16.78	16.60	16.74	17.80
		HIGH	64QAM	16.58	16.82	16.58	16.83	16.80	17.80
	50	LOW	64QAM	16.61	16.83	16.62	16.62	16.66	17.80
		MID	64QAM	16.78	16.61	16.60	16.82	16.59	17.80
		HIGH	64QAM	16.73	16.79	16.85	16.62	16.71	17.80
	100	LOW	64QAM	16.82	16.79	16.60	16.72	16.64	17.80

LTE B41-Level4-Ant.0

Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.30	19.43	19.33	19.59	19.34	20.30
		MID	QPSK	19.37	19.50	19.57	19.65	19.46	20.30
		HIGH	QPSK	19.40	19.49	19.47	19.70	19.26	20.30
	12	LOW	QPSK	19.29	19.52	19.55	19.51	19.51	20.30
		MID	QPSK	19.56	19.62	19.34	19.77	19.55	20.30
		HIGH	QPSK	19.61	19.46	19.54	19.64	19.54	20.30
25	LOW	QPSK	19.38	19.59	19.34	19.71	19.59	20.30	
5	1	LOW	Q16	19.38	19.22	19.26	19.57	19.31	20.30
		MID	Q16	19.31	19.31	19.45	19.70	19.33	20.30
		HIGH	Q16	19.08	19.42	19.30	19.48	19.39	20.30
	12	LOW	Q16	19.47	19.35	19.52	19.77	19.62	20.30
		MID	Q16	19.64	19.49	19.55	19.59	19.73	20.30
		HIGH	Q16	19.37	19.65	19.31	19.50	19.43	20.30
25	LOW	Q16	19.41	19.59	19.56	19.63	19.52	20.30	
5	1	LOW	64QAM	19.57	19.60	19.46	19.61	19.43	20.30
		MID	64QAM	19.42	19.61	19.48	19.54	19.64	20.30
		HIGH	64QAM	19.53	19.47	19.38	19.49	19.55	20.30
	12	LOW	64QAM	19.53	19.57	19.49	19.36	19.59	20.30
		MID	64QAM	19.35	19.44	19.36	19.39	19.44	20.30
		HIGH	64QAM	19.65	19.51	19.47	19.61	19.65	20.30
25	LOW	64QAM	19.36	19.52	19.48	19.57	19.37	20.30	
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.50	19.33	19.46	19.65	19.46	20.30
		MID	QPSK	19.50	19.68	19.45	19.81	19.38	20.30
		HIGH	QPSK	19.43	19.37	19.33	19.61	19.19	20.30
	25	LOW	QPSK	19.26	19.54	19.67	19.58	19.37	20.30
		MID	QPSK	19.60	19.58	19.45	19.50	19.48	20.30
		HIGH	QPSK	19.51	19.60	19.65	19.64	19.65	20.30
50	LOW	QPSK	19.62	19.61	19.27	19.70	19.61	20.30	
10	1	LOW	Q16	19.18	19.47	19.14	19.71	19.24	20.30
		MID	Q16	19.36	19.55	19.47	19.60	19.25	20.30
		HIGH	Q16	19.11	19.29	19.39	19.69	19.15	20.30
	25	LOW	Q16	19.58	19.35	19.60	19.68	19.48	20.30
		MID	Q16	19.72	19.62	19.48	19.72	19.62	20.30
		HIGH	Q16	19.55	19.46	19.51	19.64	19.61	20.30
50	LOW	Q16	19.50	19.56	19.72	19.58	19.56	20.30	
10	1	LOW	64QAM	19.50	19.55	19.37	19.42	19.35	20.30
		MID	64QAM	19.53	19.58	19.55	19.49	19.53	20.30
		HIGH	64QAM	19.61	19.48	19.52	19.47	19.40	20.30
	25	LOW	64QAM	19.44	19.50	19.39	19.62	19.42	20.30
		MID	64QAM	19.38	19.36	19.44	19.64	19.53	20.30
		HIGH	64QAM	19.56	19.37	19.40	19.49	19.51	20.30
50	LOW	64QAM	19.50	19.64	19.53	19.51	19.65	20.30	

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.37	19.46	19.52	19.68	19.38	20.30
		MID	QPSK	19.45	19.42	19.43	19.78	19.33	20.30
		HIGH	QPSK	19.45	19.48	19.55	19.68	19.21	20.30
	36	LOW	QPSK	19.41	19.34	19.69	19.72	19.51	20.30
		MID	QPSK	19.57	19.71	19.43	19.65	19.47	20.30
		HIGH	QPSK	19.65	19.49	19.61	19.48	19.46	20.30
	75	LOW	QPSK	19.66	19.48	19.39	19.47	19.59	20.30
15	1	LOW	Q16	19.14	19.38	19.35	19.53	19.13	20.30
		MID	Q16	19.33	19.38	19.30	19.73	19.24	20.30
		HIGH	Q16	19.09	19.15	19.39	19.60	19.34	20.30
	36	LOW	Q16	19.38	19.47	19.55	19.80	19.69	20.30
		MID	Q16	19.72	19.42	19.67	19.66	19.61	20.30
		HIGH	Q16	19.47	19.57	19.51	19.56	19.35	20.30
	75	LOW	Q16	19.68	19.63	19.50	19.47	19.39	20.30
15	1	LOW	64QAM	19.61	19.36	19.57	19.55	19.65	20.30
		MID	64QAM	19.43	19.48	19.54	19.52	19.35	20.30
		HIGH	64QAM	19.40	19.49	19.60	19.61	19.63	20.30
	36	LOW	64QAM	19.63	19.60	19.57	19.36	19.55	20.30
		MID	64QAM	19.40	19.58	19.63	19.42	19.51	20.30
		HIGH	64QAM	19.43	19.59	19.50	19.47	19.60	20.30
	75	LOW	64QAM	19.38	19.53	19.37	19.36	19.47	20.30
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.44	19.45	19.38	19.59	19.61	20.30
		MID	QPSK	19.44	19.55	19.53	19.55	19.42	20.30
		HIGH	QPSK	19.40	19.36	19.42	19.55	19.21	20.30
	50	LOW	QPSK	19.36	19.48	19.55	19.52	19.41	20.30
		MID	QPSK	19.49	19.57	19.45	19.51	19.50	20.30
		HIGH	QPSK	19.58	19.58	19.59	19.58	19.53	20.30
100	LOW	QPSK	19.52	19.54	19.41	19.56	19.63	20.30	
20	1	LOW	Q16	19.27	19.32	19.28	19.58	19.21	20.30
		MID	Q16	19.39	19.41	19.38	19.68	19.29	20.30
		HIGH	Q16	19.21	19.28	19.29	19.56	19.25	20.30
	50	LOW	Q16	19.44	19.47	19.62	19.66	19.59	20.30
		MID	Q16	19.66	19.54	19.56	19.62	19.62	20.30
		HIGH	Q16	19.42	19.56	19.45	19.58	19.46	20.30
	100	LOW	Q16	19.53	19.53	19.58	19.60	19.45	20.30
20	1	LOW	64QAM	19.49	19.60	19.59	19.58	19.46	20.30
		MID	64QAM	19.50	19.61	19.54	19.53	19.44	20.30
		HIGH	64QAM	19.58	19.39	19.55	19.35	19.44	20.30
	50	LOW	64QAM	19.60	19.62	19.52	19.48	19.61	20.30
		MID	64QAM	19.53	19.57	19.48	19.48	19.51	20.30
		HIGH	64QAM	19.52	19.61	19.60	19.61	19.48	20.30
	100	LOW	64QAM	19.41	19.56	19.54	19.49	19.36	20.30

LTE B41-Level5&6-Ant.1									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	15.09	15.26	15.06	15.05	15.06	15.80
		MID	QPSK	15.21	15.28	15.40	15.24	15.27	15.80
		HIGH	QPSK	15.09	15.17	15.18	15.02	14.94	15.80
	12	LOW	QPSK	14.92	15.08	14.94	15.25	15.28	15.80
		MID	QPSK	15.29	15.38	15.38	15.39	15.00	15.80
		HIGH	QPSK	15.16	15.38	15.12	15.34	15.30	15.80
	25	LOW	QPSK	15.15	15.31	15.15	15.41	15.12	15.80
5	1	LOW	Q16	15.04	15.08	15.09	15.38	15.26	15.80
		MID	Q16	15.29	15.40	15.54	15.24	15.27	15.80
		HIGH	Q16	15.22	15.08	15.31	15.31	15.28	15.80
	12	LOW	Q16	15.18	15.12	15.35	15.29	15.15	15.80
		MID	Q16	15.26	15.12	15.07	15.36	15.05	15.80
		HIGH	Q16	15.13	15.26	15.40	15.14	15.35	15.80
	25	LOW	Q16	15.29	15.29	15.22	15.46	15.05	15.80
5	1	LOW	64QAM	15.01	14.90	14.97	15.08	14.87	15.80
		MID	64QAM	14.95	15.08	15.07	14.90	15.03	15.80
		HIGH	64QAM	15.09	14.96	15.01	14.97	14.87	15.80
	12	LOW	64QAM	14.87	14.88	15.03	15.15	15.04	15.80
		MID	64QAM	14.93	15.06	14.90	14.95	15.13	15.80
		HIGH	64QAM	14.88	14.95	15.05	14.99	14.87	15.80
	25	LOW	64QAM	14.91	14.94	14.93	15.15	14.98	15.80
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	15.27	14.98	15.17	15.09	15.27	15.80
		MID	QPSK	15.22	15.36	15.27	15.37	15.19	15.80
		HIGH	QPSK	15.18	15.14	15.06	15.19	14.89	15.80
	25	LOW	QPSK	14.98	15.18	15.04	15.40	15.17	15.80
		MID	QPSK	15.32	15.11	15.29	15.37	15.15	15.80
		HIGH	QPSK	15.19	15.24	15.05	15.27	15.42	15.80
	50	LOW	QPSK	15.07	15.12	15.05	15.46	15.05	15.80
10	1	LOW	Q16	15.22	15.04	15.04	15.33	15.17	15.80
		MID	Q16	15.44	15.51	15.58	15.24	15.15	15.80
		HIGH	Q16	15.28	15.32	15.30	15.31	15.14	15.80
	25	LOW	Q16	15.15	15.22	15.27	15.34	15.12	15.80
		MID	Q16	15.34	15.09	15.10	15.45	15.19	15.80
		HIGH	Q16	15.02	15.12	15.50	15.32	15.48	15.80
	50	LOW	Q16	15.23	15.32	15.40	15.19	15.15	15.80
10	1	LOW	64QAM	14.97	15.14	15.11	14.93	14.91	15.80
		MID	64QAM	14.90	14.93	15.04	15.02	15.03	15.80
		HIGH	64QAM	15.10	14.94	15.00	15.13	14.94	15.80
	25	LOW	64QAM	15.13	15.09	14.97	15.11	14.97	15.80
		MID	64QAM	14.92	14.93	14.89	14.85	15.02	15.80
		HIGH	64QAM	14.87	14.88	15.14	15.03	14.94	15.80
	50	LOW	64QAM	15.11	14.99	15.05	14.90	14.99	15.80

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	15.27	15.04	14.98	15.05	15.24	15.80	
		MID	QPSK	15.19	15.20	15.19	15.45	15.28	15.80	
		HIGH	QPSK	15.01	15.22	15.07	15.20	15.03	15.80	
	36	LOW	QPSK	14.96	15.18	15.23	15.38	15.17	15.80	
		MID	QPSK	15.32	15.33	15.28	15.43	15.19	15.80	
		HIGH	QPSK	15.20	15.19	15.06	15.29	15.29	15.80	
	75	LOW	QPSK	15.27	15.13	15.10	15.20	15.32	15.80	
15	1	LOW	Q16	15.09	15.15	15.06	15.24	15.28	15.80	
		MID	Q16	15.40	15.54	15.50	15.30	15.32	15.80	
		HIGH	Q16	15.19	15.28	15.27	15.27	15.27	15.80	
	36	LOW	Q16	15.04	15.22	15.26	15.45	15.17	15.80	
		MID	Q16	15.26	15.29	15.08	15.46	15.32	15.80	
		HIGH	Q16	15.05	15.38	15.48	15.39	15.28	15.80	
	75	LOW	Q16	15.26	15.07	15.50	15.28	14.96	15.80	
15	1	LOW	64QAM	14.86	14.95	15.10	15.05	14.99	15.80	
		MID	64QAM	15.02	14.95	15.06	14.88	15.08	15.80	
		HIGH	64QAM	14.96	15.03	15.11	15.13	15.13	15.80	
	36	LOW	64QAM	15.10	15.09	14.86	14.88	15.02	15.80	
		MID	64QAM	15.05	14.98	14.96	15.13	15.06	15.80	
		HIGH	64QAM	14.93	14.93	15.09	15.03	14.86	15.80	
	75	LOW	64QAM	14.94	15.00	14.88	14.85	15.03	15.80	
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)	
20	1	LOW	QPSK	15.17	15.11	15.04	15.17	15.21	15.80	
		MID	QPSK	15.32	15.24	15.25	15.30	15.28	15.80	
		HIGH	QPSK	15.10	15.09	15.10	15.14	15.03	15.80	
	50	LOW	QPSK	15.06	15.16	15.08	15.34	15.21	15.80	
		MID	QPSK	15.31	15.23	15.28	15.31	15.09	15.80	
		HIGH	QPSK	15.26	15.25	15.11	15.29	15.40	15.80	
100	LOW	QPSK	15.16	15.20	15.13	15.33	15.19	15.80		
20	1	LOW	Q16	15.16	15.19	15.09	15.25	15.15	15.80	
		MID	Q16	15.36	15.39	15.52	15.28	15.24	15.80	
		HIGH	Q16	15.23	15.18	15.19	15.18	15.21	15.80	
	50	LOW	Q16	15.09	15.16	15.26	15.36	15.22	15.80	
		MID	Q16	15.35	15.22	15.16	15.34	15.18	15.80	
		HIGH	Q16	15.16	15.23	15.36	15.28	15.34	15.80	
	100	LOW	Q16	15.19	15.20	15.35	15.34	15.08	15.80	
	20	1	LOW	64QAM	15.03	15.06	15.11	14.89	14.90	15.80
			MID	64QAM	14.90	14.98	14.93	14.91	15.05	15.80
HIGH			64QAM	15.07	14.96	14.90	15.05	15.08	15.80	
50		LOW	64QAM	15.15	14.90	15.14	15.02	14.95	15.80	
		MID	64QAM	14.89	15.09	14.87	15.12	14.99	15.80	
		HIGH	64QAM	14.92	15.10	15.01	14.96	15.09	15.80	
100		LOW	64QAM	14.98	15.08	14.98	15.00	14.92	15.80	

LTE B41-Level5&6-Ant.0									
Bandwidth	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	17.16	17.05	17.16	17.20	17.28	18.30
		MID	QPSK	17.46	17.31	17.26	17.09	17.46	18.30
		HIGH	QPSK	17.26	17.14	17.03	16.97	16.95	18.30
	12	LOW	QPSK	17.37	17.18	17.46	17.26	17.26	18.30
		MID	QPSK	17.41	17.33	17.43	17.09	17.16	18.30
		HIGH	QPSK	17.36	17.29	17.22	17.45	17.27	18.30
	25	LOW	QPSK	17.52	17.39	17.30	17.19	17.29	18.30
5	1	LOW	Q16	17.25	17.03	17.23	17.11	16.96	18.30
		MID	Q16	17.21	17.39	17.35	17.54	17.52	18.30
		HIGH	Q16	17.21	17.25	17.01	17.27	17.15	18.30
	12	LOW	Q16	17.33	17.24	17.48	17.34	17.23	18.30
		MID	Q16	17.38	17.16	17.34	17.42	17.43	18.30
		HIGH	Q16	17.39	17.20	17.31	17.14	17.30	18.30
	25	LOW	Q16	17.48	17.37	17.51	17.46	17.46	18.30
5	1	LOW	64QAM	17.57	17.38	17.35	17.38	17.40	18.30
		MID	64QAM	17.60	17.59	17.59	17.39	17.42	18.30
		HIGH	64QAM	17.36	17.60	17.39	17.38	17.53	18.30
	12	LOW	64QAM	17.55	17.59	17.58	17.63	17.41	18.30
		MID	64QAM	17.38	17.51	17.56	17.48	17.48	18.30
		HIGH	64QAM	17.40	17.51	17.39	17.60	17.46	18.30
	25	LOW	64QAM	17.51	17.42	17.61	17.63	17.61	18.30
Bandwidth	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	16.93	17.28	17.36	17.00	17.02	18.30
		MID	QPSK	17.42	17.24	17.39	17.08	17.22	18.30
		HIGH	QPSK	17.40	17.27	17.29	17.17	17.07	18.30
	25	LOW	QPSK	17.25	17.26	17.39	17.22	17.21	18.30
		MID	QPSK	17.19	17.42	17.36	17.11	17.11	18.30
		HIGH	QPSK	17.30	17.45	17.42	17.49	17.24	18.30
	50	LOW	QPSK	17.52	17.26	17.35	17.26	17.41	18.30
10	1	LOW	Q16	17.16	17.16	17.25	17.02	17.06	18.30
		MID	Q16	17.21	17.21	17.25	17.54	17.56	18.30
		HIGH	Q16	17.09	17.06	16.94	17.05	17.21	18.30
	25	LOW	Q16	17.24	17.22	17.34	17.16	17.31	18.30
		MID	Q16	17.52	17.19	17.25	17.24	17.50	18.30
		HIGH	Q16	17.49	17.42	17.26	17.18	17.40	18.30
	50	LOW	Q16	17.49	17.32	17.49	17.17	17.29	18.30
10	1	LOW	64QAM	17.52	17.48	17.54	17.49	17.35	18.30
		MID	64QAM	17.52	17.54	17.43	17.38	17.61	18.30
		HIGH	64QAM	17.62	17.51	17.40	17.37	17.58	18.30
	25	LOW	64QAM	17.63	17.50	17.37	17.53	17.40	18.30
		MID	64QAM	17.52	17.39	17.60	17.59	17.36	18.30
		HIGH	64QAM	17.58	17.59	17.58	17.61	17.54	18.30
	50	LOW	64QAM	17.62	17.50	17.61	17.49	17.40	18.30

Bandwidth	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	17.07	17.29	17.14	17.01	16.99	18.30
		MID	QPSK	17.46	17.20	17.23	17.30	17.27	18.30
		HIGH	QPSK	17.23	17.27	17.06	17.17	16.94	18.30
	36	LOW	QPSK	17.36	17.30	17.45	17.36	17.28	18.30
		MID	QPSK	17.16	17.31	17.26	17.14	17.32	18.30
		HIGH	QPSK	17.52	17.39	17.37	17.48	17.20	18.30
	75	LOW	QPSK	17.49	17.36	17.36	17.29	17.24	18.30
15	1	LOW	Q16	17.21	17.04	17.19	17.00	17.08	18.30
		MID	Q16	17.30	17.42	17.33	17.57	17.47	18.30
		HIGH	Q16	17.17	17.26	17.11	17.06	17.08	18.30
	36	LOW	Q16	17.34	17.46	17.51	17.21	17.12	18.30
		MID	Q16	17.44	17.26	17.22	17.44	17.40	18.30
		HIGH	Q16	17.32	17.25	17.34	17.32	17.43	18.30
	75	LOW	Q16	17.33	17.24	17.28	17.40	17.38	18.30
15	1	LOW	64QAM	17.49	17.50	17.48	17.59	17.49	18.30
		MID	64QAM	17.46	17.59	17.48	17.47	17.64	18.30
		HIGH	64QAM	17.40	17.48	17.56	17.48	17.63	18.30
	36	LOW	64QAM	17.64	17.50	17.58	17.63	17.57	18.30
		MID	64QAM	17.63	17.59	17.46	17.59	17.65	18.30
		HIGH	64QAM	17.40	17.38	17.60	17.56	17.40	18.30
	75	LOW	64QAM	17.40	17.36	17.54	17.38	17.48	18.30
Bandwidth	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	17.04	17.19	17.25	17.06	17.13	18.30
		MID	QPSK	17.37	17.33	17.33	17.20	17.36	18.30
		HIGH	QPSK	17.31	17.17	17.17	17.09	17.05	18.30
	50	LOW	QPSK	17.23	17.23	17.37	17.30	17.24	18.30
		MID	QPSK	17.26	17.31	17.34	17.18	17.23	18.30
		HIGH	QPSK	17.39	17.32	17.32	17.22	17.21	18.30
	100	LOW	QPSK	17.37	17.27	17.35	17.15	17.37	18.30
20	1	LOW	Q16	17.18	17.11	17.13	16.99	16.96	18.30
		MID	Q16	17.25	17.35	17.23	17.47	17.46	18.30
		HIGH	Q16	17.21	17.11	17.09	17.17	17.07	18.30
	50	LOW	Q16	17.25	17.31	17.40	17.21	17.27	18.30
		MID	Q16	17.44	17.29	17.37	17.39	17.43	18.30
		HIGH	Q16	17.46	17.32	17.31	17.19	17.33	18.30
	100	LOW	Q16	17.39	17.28	17.36	17.31	17.34	18.30
20	1	LOW	64QAM	17.59	17.60	17.56	17.58	17.38	18.30
		MID	64QAM	17.53	17.52	17.65	17.64	17.40	18.30
		HIGH	64QAM	17.57	17.60	17.60	17.55	17.41	18.30
	50	LOW	64QAM	17.47	17.41	17.37	17.62	17.35	18.30
		MID	64QAM	17.38	17.59	17.38	17.59	17.54	18.30
		HIGH	64QAM	17.44	17.51	17.49	17.44	17.45	18.30
	100	LOW	64QAM	17.62	17.52	17.41	17.47	17.38	18.30

8.4.1 LTE Band7 CA Output Power

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	17.12	18
21100	21298	20	QPSK	1	High	1	Low	2	16.99	18
21350	21152	20	QPSK	1	Low	1	High	2	17.05	18

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	14.82	16
21100	21298	20	QPSK	1	High	1	Low	2	14.77	16
21350	21152	20	QPSK	1	Low	1	High	2	14.86	16

LTE Uplink 2CA_Band 7-ANT1-LEVEL4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	19.14	20.5
21100	21298	20	QPSK	1	High	1	Low	2	19.11	20.5
21350	21152	20	QPSK	1	Low	1	High	2	19.08	20.5

LTE Uplink 2CA_Band 7-ANT1-LEVEL5&6										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	17.44	18.5
21100	21298	20	QPSK	1	High	1	Low	2	17.38	18.5
21350	21152	20	QPSK	1	Low	1	High	2	17.42	18.5

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	22.58	23.5
21100	21298	20	QPSK	1	High	1	Low	2	22.57	23.5
21350	21152	20	QPSK	1	Low	1	High	2	22.49	23.5

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	22.58	23.5
21100	21298	20	QPSK	1	High	1	Low	2	22.57	23.5
21350	21152	20	QPSK	1	Low	1	High	2	22.49	23.5

LTE Uplink 2CA_ Band 7-ANT0-LEVEL4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	21.44	22.5
21100	21298	20	QPSK	1	High	1	Low	2	21.39	22.5
21350	21152	20	QPSK	1	Low	1	High	2	21.42	22.5

LTE Uplink 2CA_ Band 7-ANT0-LEVEL5&6										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	19.1	20.5
21100	21298	20	QPSK	1	High	1	Low	2	19.08	20.5
21350	21152	20	QPSK	1	Low	1	High	2	19.09	20.5

8.4.2 LTE Band38 CA Output Power

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	14.38	15.3
38099	37901	20	QPSK	1	Low	1	High	2	14.35	15.3
38150	37952	20	QPSK	1	Low	1	High	2	14.39	15.3

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	12.11	13.3
38099	37901	20	QPSK	1	Low	1	High	2	12.17	13.3
38150	37952	20	QPSK	1	Low	1	High	2	12.1	13.3

LTE Uplink 2CA Band 38-ANT1-LEVEL4										
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	16.52	17.8
38099	37901	20	QPSK	1	Low	1	High	2	16.48	17.8
38150	37952	20	QPSK	1	Low	1	High	2	16.44	17.8

LTE Uplink 2CA Band 38-ANT1-LEVEL5&6										
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	14.77	15.8
38099	37901	20	QPSK	1	Low	1	High	2	14.98	15.8
38150	37952	20	QPSK	1	Low	1	High	2	14.86	15.8

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	22.86	23.8
38099	37901	20	QPSK	1	Low	1	High	2	22.88	23.8
38150	37952	20	QPSK	1	Low	1	High	2	22.81	23.8

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	22.86	23.8
38099	37901	20	QPSK	1	Low	1	High	2	22.88	23.8
38150	37952	20	QPSK	1	Low	1	High	2	22.81	23.8

LTE Uplink 2CA Band 38-ANT0-LEVEL4										
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	19.12	20.3
38099	37901	20	QPSK	1	Low	1	High	2	19.22	20.3
38150	37952	20	QPSK	1	Low	1	High	2	19.18	20.3

LTE Uplink 2CA Band 38-ANT0-LEVEL5&6										
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	17.02	18.3
38099	37901	20	QPSK	1	Low	1	High	2	17.05	18.3
38150	37952	20	QPSK	1	Low	1	High	2	17.11	18.3

8.4.3 LTE Band41 CA Output Power

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	14.56	15.3
40185	40383	20	QPSK	1	High	1	Low	2	14.44	15.3
40620	40818	20	QPSK	1	High	1	Low	2	14.62	15.3
41055	40857	20	QPSK	1	Low	1	High	2	14.34	15.3
41490	41292	20	QPSK	1	Low	1	High	2	14.66	15.3

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	12.18	13.3
40185	40383	20	QPSK	1	High	1	Low	2	12.08	13.3
40620	40818	20	QPSK	1	High	1	Low	2	12.11	13.3
41055	40857	20	QPSK	1	Low	1	High	2	12.03	13.3
41490	41292	20	QPSK	1	Low	1	High	2	12.14	13.3

LTE Uplink 2CA_Band 41-ANT1-LEVEL4										
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	16.81	17.8
40185	40383	20	QPSK	1	High	1	Low	2	16.58	17.8
40620	40818	20	QPSK	1	High	1	Low	2	16.78	17.8
41055	40857	20	QPSK	1	Low	1	High	2	16.55	17.8
41490	41292	20	QPSK	1	Low	1	High	2	16.78	17.8

LTE Uplink 2CA_Band 41-ANT1-LEVEL5&6										
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	15.11	15.8
40185	40383	20	QPSK	1	High	1	Low	2	15.01	15.8
40620	40818	20	QPSK	1	High	1	Low	2	15.02	15.8
41055	40857	20	QPSK	1	Low	1	High	2	14.99	15.8
41490	41292	20	QPSK	1	Low	1	High	2	15.07	15.8

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	23.14	23.8
40185	40383	20	QPSK	1	High	1	Low	2	23.09	23.8
40620	40818	20	QPSK	1	High	1	Low	2	23.11	23.8
41055	40857	20	QPSK	1	Low	1	High	2	23.11	23.8
41490	41292	20	QPSK	1	Low	1	High	2	23.18	23.8

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	23.14	23.8
40185	40383	20	QPSK	1	High	1	Low	2	23.09	23.8
40620	40818	20	QPSK	1	High	1	Low	2	23.11	23.8
41055	40857	20	QPSK	1	Low	1	High	2	23.11	23.8
41490	41292	20	QPSK	1	Low	1	High	2	23.18	23.8

LTE Uplink 2CA_Band 41-ANT0-LEVEL4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	19.44	20.3
40185	40383	20	QPSK	1	High	1	Low	2	19.37	20.3
40620	40818	20	QPSK	1	High	1	Low	2	19.42	20.3
41055	40857	20	QPSK	1	Low	1	High	2	19.41	20.3
41490	41292	20	QPSK	1	Low	1	High	2	19.38	20.3

LTE Uplink 2CA_Band 41-ANT0-LEVEL5&6										
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	17.25	18.3
40185	40383	20	QPSK	1	High	1	Low	2	17.11	18.3
40620	40818	20	QPSK	1	High	1	Low	2	17.15	18.3
41055	40857	20	QPSK	1	Low	1	High	2	17.17	18.3
41490	41292	20	QPSK	1	Low	1	High	2	17.26	18.3

8.5 LTE Downlink CA Power

8.5.1 LTE Downlink Carrier Aggregation Setup Configurations

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

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

8.5.2 Downlink Bandwidth Combination sets for Intra-Band CA

E-UTRA CA Configuration	
DL Intra-Band Contiguous CA	DL Intra-Band Non-Contiguous CA
CA_7C	CA_7A-7A
CA_38C	CA_41A-41A
CA_41C	

8.5.3 Power Confirmation for SAR test Exclusion for LTE Downlink CA

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

8.5.3.1 EUT Antenna1 without Power Reduction (Level1)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	3298	2474.8	17.17	17.02
38C	38	20M	38099	2604.9	50	0	38099	2604.9	38	20M	37901	2585.1	14.74	14.51
41C	41	20M	39750	2506	50	99	39750	2506	41	20M	39948	2525.8	14.82	14.66

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	2775	2622.5	17.17	17.08
41A-41A	41	20M	39750	2506	50	99	39750	2506	41	5M	41565	2687.5	14.82	14.69

8.5.3.2 EUT Antenna1 without Power Reduction (Level2&3)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21100	2535	1	0	3100	2655	7	20M	3298	2474.8	14.98	14.79
38C	38	20M	38099	2604.9	50	0	38099	2604.9	38	20M	37901	2585.1	12.38	12.21
41C	41	20M	41490	2680	50	49	41490	2680	41	20M	41292	2660.2	12.59	12.42

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21100	2535	1	0	3100	2655	7	5M	2775	2622.5	14.98	14.88
41A-41A	41	20M	41490	2680	1	49	41490	2680	41	5M	39675	2498.5	12.59	12.47

8.5.3.3 EUT Antenna1 without Power Reduction (Level4)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	20850	2510	50	49	2850	2630	7	20M	3048	2529.8	19.71	19.52
38C	38	20M	38099	2604.9	50	0	38099	2604.9	38	20M	37901	2585.1	16.73	16.59
41C	41	20M	41490	2680	1	49	41490	2680	41	20M	41292	2660.2	17.08	16.88

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	20850	2510	1	0	2850	2630	7	5M	3425	2687.5	19.71	19.63
41A-41A	41	20M	41490	2680	1	49	41490	2680	41	5M	39675	2498.5	17.08	16.92

8.5.3.4 EUT Antenna1 without Power Reduction (Level5&6)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	17.68	17.51
38C	38	20M	38099	2604.9	50	0	38099	2604.9	38	20M	37901	2585.1	15.16	15.02
41C	41	20M	41490	2680	50	99	41490	2680	41	20M	41292	2660.2	15.40	15.26

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	17.68	17.55
41A-41A	41	20M	41490	2680	50	99	41490	2680	41	5M	39675	2498.5	15.40	15.30

8.5.3.5 EUT Antenna0 without Power Reduction (Level1)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	22.70	22.51
38C	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.13	23.01
41C	41	20M	40620	2593	1	49	40620	2593	41	20M	40818	2612.8	23.36	23.15

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	22.70	22.58
41A-41A	41	20M	40620	2593	1	49	40620	2593	41	5M	39675	2498.5	23.36	23.25

8.5.3.6 EUT Antenna0 without Power Reduction (Level2&3)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	22.70	22.51
38C	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.13	23.01
41C	41	20M	40620	2593	1	49	40620	2593	41	20M	40818	2612.8	23.36	23.15

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	22.70	22.58
41A-41A	41	20M	40620	2593	1	49	40620	2593	41	5M	39675	2498.5	23.36	23.25

8.5.3.7 EUT Antenna0 without Power Reduction (Level4)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE	BW	UL Ch.	UL Freq.	RB Size	RB Offset	DL Ch.	DL Freq.	LTE	BW	DL	DL Freq.	Single Carrier	Tx Power
	Band	(MHz)		(MHz)				(MHz)	Band	(MHz)	Ch.	(MHz)	Tx Power	with DL-CA Active
7C	7	20M	21350	2560	50	0	3350	2680	7	20M	3152	2660.2	21.60	21.47
38C	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	19.47	19.32
41C	41	20M	41490	2680	100	0	41490	2680	41	20M	41292	2660.2	19.63	19.44

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE	BW	UL Ch.	UL Freq.	RB Size	RB Offset	DL Ch.	DL Freq.	LTE	BW	DL Ch.	DL Freq.	Single Carrier	Tx Power
	Band	(MHz)		(MHz)				(MHz)	Band	(MHz)		(MHz)	Tx Power	with DL-CA Active
7A-7A	7	20M	21350	2560	50	0	3350	2680	7	5M	2775	2622.5	21.60	21.51
41A-41A	41	20M	41490	2680	1	49	41490	2680	41	5M	39675	2498.5	19.63	19.53

8.5.3.8 EUT Antenna0 without Power Reduction (Level5&6)

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE	BW	UL Ch.	UL Freq.	RB Size	RB Offset	DL Ch.	DL Freq.	LTE	BW	DL	DL Freq.	Single Carrier	Tx Power
	Band	(MHz)		(MHz)				(MHz)	Band	(MHz)	Ch.	(MHz)	Tx Power	with DL-CA Active
7C	7	20M	21350	2560	50	0	3350	2680	7	20M	3152	2660.2	19.37	19.23
38C	38	20M	38150	2610	50	0	38150	2610	38	20M	37952	2590.2	17.25	17.03
41C	41	20M	39750	2506	50	99	39750	2506	41	20M	39948	2525.8	17.39	17.18

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				Power(dBm)	
	LTE	BW	UL Ch.	UL Freq.	RB Size	RB Offset	DL Ch.	DL Freq.	LTE	BW	DL Ch.	DL Freq.	Single Carrier	Tx Power
	Band	(MHz)		(MHz)				(MHz)	Band	(MHz)		(MHz)	Tx Power	with DL-CA Active
7A-7A	7	20M	21350	2560	50	0	3350	2680	7	5M	2775	2622.5	19.37	19.15
41A-41A	41	20M	39750	2506	50	99	39750	2506	41	5M	41565	2687.5	17.39	17.22

8.5.4 Summary for SAR Test Exclusion for LTE Downlink CA

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

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

8.6.1 NR Band5(Ant.0) Output Power

N5-ANT0 LEVEL1(Only for SA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
	Modulation	RB Size	RB offset	826.5	836.5	846.5	power
5	DFT-s-OFDM BPSK	1	1	23.65	23.48	23.39	24.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
	Modulation	RB Size	RB offset	829	836.5	844	power
10	DFT-s-OFDM BPSK	1	1	23.64	23.61	23.24	24.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
15	Modulation	RB Size	RB offset	831.5	836.5	841.5	power
	DFT-s-OFDM BPSK	1	1	23.55	23.63	23.25	24.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
	Modulation	RB Size	RB offset	834	836.5	839	power
20	DFT-s-OFDM BPSK	1	1	23.56	23.57	23.31	24.30
		1	53	23.46	23.60	23.53	24.30
		1	104	23.61	23.66	23.57	24.30
	DFT-s-OFDM BPSK	50	0	23.49	23.27	23.22	24.30
		50	28	23.44	23.25	23.21	24.30
		50	56	23.23	23.34	23.13	24.30
	DFT-s-OFDM BPSK	100	0	22.97	23.14	23.36	24.30
	DFT-s-OFDM QPSK	1	1	22.89	23.31	23.31	24.30
	DFT-s-OFDM 16QAM	1	1	21.75	21.86	21.91	23.30
	DFT-s-OFDM 64QAM	1	1	20.34	20.42	20.52	21.80
	DFT-s-OFDM 256QAM	1	1	18.97	18.98	19.02	20.30
	CP-OFDM QPSK	1	1	21.71	21.76	21.74	22.80
	CP-OFDM 16QAM	1	1	21.30	21.56	21.35	22.80
	CP-OFDM 64QAM	1	1	19.96	19.60	19.66	20.80
	CP-OFDM 256QAM	1	1	16.61	16.31	16.53	17.80

N5-ANT0 LEVEL2&3(Only for SA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	23.65	23.48	23.39	24.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	23.64	23.61	23.24	24.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	23.55	23.63	23.25	24.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.56	23.57	23.31	24.30
		1	53	23.46	23.60	23.53	24.30
		1	104	23.61	23.66	23.57	24.30
	DFT-s-OFDM BPSK	50	0	23.49	23.27	23.22	24.30
		50	28	23.44	23.25	23.21	24.30
		50	56	23.23	23.34	23.13	24.30
	DFT-s-OFDM BPSK	100	0	22.97	23.14	23.36	24.30
	DFT-s-OFDM QPSK	1	1	22.89	23.31	23.31	24.30
	DFT-s-OFDM 16QAM	1	1	21.75	21.86	21.91	23.30
	DFT-s-OFDM 64QAM	1	1	20.34	20.42	20.52	21.80
	DFT-s-OFDM 256QAM	1	1	18.97	18.98	19.02	20.30
	CP-OFDM QPSK	1	1	21.71	21.76	21.74	22.80
	CP-OFDM 16QAM	1	1	21.30	21.56	21.35	22.80
	CP-OFDM 64QAM	1	1	19.96	19.60	19.66	20.80
	CP-OFDM 256QAM	1	1	16.61	16.31	16.53	17.80

N5-ANT0 LEVEL4(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	23.65	23.48	23.39	24.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	23.64	23.61	23.24	24.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	23.55	23.63	23.25	24.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.56	23.57	23.31	24.30
		1	53	23.46	23.60	23.53	24.30
		1	104	23.61	23.66	23.57	24.30
	DFT-s-OFDM BPSK	50	0	23.49	23.27	23.22	24.30
		50	28	23.44	23.25	23.21	24.30
		50	56	23.23	23.34	23.13	24.30
	DFT-s-OFDM BPSK	100	0	22.97	23.14	23.36	24.30
	DFT-s-OFDM QPSK	1	1	22.89	23.31	23.31	24.30
	DFT-s-OFDM 16QAM	1	1	21.75	21.86	21.91	23.30
	DFT-s-OFDM 64QAM	1	1	20.34	20.42	20.52	21.80
	DFT-s-OFDM 256QAM	1	1	18.97	18.98	19.02	20.30
	CP-OFDM QPSK	1	1	21.71	21.76	21.74	22.80
	CP-OFDM 16QAM	1	1	21.30	21.56	21.35	22.80
	CP-OFDM 64QAM	1	1	19.96	19.60	19.66	20.80
	CP-OFDM 256QAM	1	1	16.61	16.31	16.53	17.80

N5-ANT0 LEVEL5&6(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	23.65	23.48	23.39	24.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	23.64	23.61	23.24	24.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	23.55	23.63	23.25	24.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.56	23.57	23.31	24.30
		1	53	23.46	23.60	23.53	24.30
		1	104	23.61	23.66	23.57	24.30
	DFT-s-OFDM BPSK	50	0	23.49	23.27	23.22	24.30
		50	28	23.44	23.25	23.21	24.30
		50	56	23.23	23.34	23.13	24.30
	DFT-s-OFDM BPSK	100	0	22.97	23.14	23.36	24.30
	DFT-s-OFDM QPSK	1	1	22.89	23.31	23.31	24.30
	DFT-s-OFDM 16QAM	1	1	21.75	21.86	21.91	23.30
	DFT-s-OFDM 64QAM	1	1	20.34	20.42	20.52	21.80
	DFT-s-OFDM 256QAM	1	1	18.97	18.98	19.02	20.30
	CP-OFDM QPSK	1	1	21.71	21.76	21.74	22.80
	CP-OFDM 16QAM	1	1	21.30	21.56	21.35	22.80
	CP-OFDM 64QAM	1	1	19.96	19.60	19.66	20.80
	CP-OFDM 256QAM	1	1	16.61	16.31	16.53	17.80

8.6.2 NR Band5(Ant.1) Output Power

N5-ANT1 LEVEL1(SA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	21.59	21.81	21.69	22.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	21.81	21.69	21.78	22.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	21.69	21.92	21.82	22.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	21.71	21.84	21.75	22.30
		1	53	21.70	21.91	21.65	22.30
		1	104	21.75	21.81	21.85	22.30
	DFT-s-OFDM BPSK	50	0	21.74	21.82	21.77	22.30
		50	28	21.70	21.91	21.68	22.30
		50	56	21.71	21.77	21.89	22.30
	DFT-s-OFDM BPSK	100	0	21.83	21.87	21.84	22.30
	CP-OFDM QPSK	1	1	21.72	21.91	21.79	22.30
	DFT-s-OFDM 16QAM	1	1	21.85	21.79	21.87	22.30
	DFT-s-OFDM 64QAM	1	1	20.51	20.58	20.64	21.80
	DFT-s-OFDM 256QAM	1	1	18.99	19.04	19.24	20.30
	CP-OFDM QPSK	1	1	21.68	21.69	21.92	22.30
	CP-OFDM 16QAM	1	1	21.76	21.85	21.94	22.30
	CP-OFDM 64QAM	1	1	19.89	19.81	19.86	20.80
	CP-OFDM 256QAM	1	1	16.74	16.57	16.57	17.80

N5-ANT1 LEVEL2&3(SA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	19.80	20.04	20.07	20.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	19.85	20.05	19.92	20.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
15	Modulation	RB Size	RB offset	831.5	836.5	841.5	
	DFT-s-OFDM BPSK	1	1	19.91	20.07	19.97	20.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	19.94	19.95	19.89	20.30
		1	53	19.86	19.94	20.09	20.30
		1	104	20.04	20.06	19.95	20.30
	DFT-s-OFDM BPSK	50	0	19.81	20.17	19.85	20.30
		50	28	19.85	19.89	19.85	20.30
		50	56	20.17	19.83	19.78	20.30
	DFT-s-OFDM BPSK	100	0	19.90	20.06	19.79	20.30
	CP-OFDM QPSK	1	1	19.98	20.05	20.10	20.30
	DFT-s-OFDM 16QAM	1	1	20.05	20.05	19.81	20.30
	DFT-s-OFDM 64QAM	1	1	20.23	19.97	19.82	20.30
	DFT-s-OFDM 256QAM	1	1	20.03	20.07	20.05	20.30
	CP-OFDM QPSK	1	1	19.98	20.02	20.04	20.30
	CP-OFDM 16QAM	1	1	20.10	19.99	19.87	20.30
	CP-OFDM 64QAM	1	1	19.99	19.92	20.08	20.30
	CP-OFDM 256QAM	1	1	16.62	16.55	16.55	17.80

N5-ANT1 LEVEL1&2&3(ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	19.80	20.04	20.07	20.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	19.85	20.05	19.92	20.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	19.91	20.07	19.97	20.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	19.94	19.95	19.89	20.30
		1	53	19.86	19.94	20.09	20.30
		1	104	20.04	20.06	19.95	20.30
	DFT-s-OFDM BPSK	50	0	19.81	20.17	19.85	20.30
		50	28	19.85	19.89	19.85	20.30
		50	56	20.17	19.83	19.78	20.30
	DFT-s-OFDM BPSK	100	0	19.90	20.06	19.79	20.30
	CP-OFDM QPSK	1	1	19.98	20.05	20.10	20.30
	DFT-s-OFDM 16QAM	1	1	20.05	20.05	19.81	20.30
	DFT-s-OFDM 64QAM	1	1	20.23	19.97	19.82	20.30
	DFT-s-OFDM 256QAM	1	1	20.03	20.07	20.05	20.30
	CP-OFDM QPSK	1	1	19.98	20.02	20.04	20.30
	CP-OFDM 16QAM	1	1	20.10	19.99	19.87	20.30
	CP-OFDM 64QAM	1	1	19.99	19.92	20.08	20.30
	CP-OFDM 256QAM	1	1	16.62	16.55	16.55	17.80

N5-ANT1 LEVEL4(SA&ENDC)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	23.23	22.99	23.14	24.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	23.14	22.99	23.04	24.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
15	Modulation	RB Size	RB offset	831.5	836.5	841.5	
	DFT-s-OFDM BPSK	1	1	23.31	22.86	22.92	24.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.24	22.99	23.07	24.30
		1	53	23.13	23.11	23.27	24.30
		1	104	23.45	23.50	23.35	24.30
	DFT-s-OFDM BPSK	50	0	23.23	23.23	23.32	24.30
		50	28	23.38	23.31	23.38	24.30
		50	56	22.99	23.08	23.25	24.30
	DFT-s-OFDM BPSK	100	0	23.11	23.19	23.12	24.30
	CP-OFDM QPSK	1	1	23.38	23.14	23.41	24.30
	DFT-s-OFDM 16QAM	1	1	21.80	22.00	21.88	23.30
	DFT-s-OFDM 64QAM	1	1	20.47	20.43	20.65	21.80
	DFT-s-OFDM 256QAM	1	1	18.91	19.14	19.13	20.30
	CP-OFDM QPSK	1	1	21.82	21.76	21.84	22.80
	CP-OFDM 16QAM	1	1	21.41	21.46	21.41	22.80
	CP-OFDM 64QAM	1	1	19.78	19.83	19.75	20.80
	CP-OFDM 256QAM	1	1	16.74	16.50	16.42	17.80

N5-ANT1 LEVEL5&6(SA&ENDC)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	23.23	22.99	23.14	24.30
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	23.14	22.99	23.04	24.30
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
15	Modulation	RB Size	RB offset	831.5	836.5	841.5	
	DFT-s-OFDM BPSK	1	1	23.31	22.86	22.92	24.30
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.24	22.99	23.07	24.30
		1	53	23.13	23.11	23.27	24.30
		1	104	23.45	23.50	23.35	24.30
	DFT-s-OFDM BPSK	50	0	23.23	23.23	23.32	24.30
		50	28	23.38	23.31	23.38	24.30
		50	56	22.99	23.08	23.25	24.30
	DFT-s-OFDM BPSK	100	0	23.11	23.19	23.12	24.30
	CP-OFDM QPSK	1	1	23.38	23.14	23.41	24.30
	DFT-s-OFDM 16QAM	1	1	21.80	22.00	21.88	23.30
	DFT-s-OFDM 64QAM	1	1	20.47	20.43	20.65	21.80
	DFT-s-OFDM 256QAM	1	1	18.91	19.14	19.13	20.30
	CP-OFDM QPSK	1	1	21.82	21.76	21.84	22.80
	CP-OFDM 16QAM	1	1	21.41	21.46	21.41	22.80
	CP-OFDM 64QAM	1	1	19.78	19.83	19.75	20.80
	CP-OFDM 256QAM	1	1	16.74	16.50	16.42	17.80

8.6.3 NR Band7(Ant.0) Output Power

N7-ANT0 LEVEL1(SA&ENDC)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	21.99	21.98	22.35	23.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	21.95	21.82	22.16	23.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	21.92	21.97	22.23	23.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.07	21.91	22.29	23.50
		1	53	22.02	22.18	22.28	23.50
		1	104	22.16	22.36	22.48	23.50
	DFT-s-OFDM BPSK	50	0	22.11	21.97	22.17	23.50
		50	28	22.23	22.06	22.25	23.50
		50	56	22.01	22.23	22.43	23.50
	DFT-s-OFDM BPSK	100	0	22.19	22.36	22.55	23.50
	DFT-s-OFDM QPSK	1	1	22.10	22.16	22.46	23.50
	DFT-s-OFDM 16QAM	1	1	20.77	20.75	20.98	22.50
	DFT-s-OFDM 64QAM	1	1	19.23	19.31	19.48	21.00
	DFT-s-OFDM 256QAM	1	1	18.18	17.92	17.87	19.50
	CP-OFDM QPSK	1	1	20.39	20.64	20.88	22.00
	CP-OFDM 16QAM	1	1	20.45	20.47	20.45	21.50
	CP-OFDM 64QAM	1	1	18.94	18.89	18.97	20.00
	CP-OFDM 256QAM	1	1	15.60	15.38	15.52	17.00

N7-ANT0 LEVEL2&3(SA&ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	21.99	21.98	22.35	23.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	21.95	21.82	22.16	23.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	21.92	21.97	22.23	23.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.07	21.91	22.29	23.50
		1	53	22.02	22.18	22.28	23.50
		1	104	22.16	22.36	22.48	23.50
	DFT-s-OFDM BPSK	50	0	22.11	21.97	22.17	23.50
		50	28	22.23	22.06	22.25	23.50
		50	56	22.01	22.23	22.43	23.50
	DFT-s-OFDM BPSK	100	0	22.19	22.36	22.55	23.50
	DFT-s-OFDM QPSK	1	1	22.10	22.16	22.46	23.50
	DFT-s-OFDM 16QAM	1	1	20.77	20.75	20.98	22.50
	DFT-s-OFDM 64QAM	1	1	19.23	19.31	19.48	21.00
	DFT-s-OFDM 256QAM	1	1	18.18	17.92	17.87	19.50
	CP-OFDM QPSK	1	1	20.39	20.64	20.88	22.00
	CP-OFDM 16QAM	1	1	20.45	20.47	20.45	21.50
	CP-OFDM 64QAM	1	1	18.94	18.89	18.97	20.00
	CP-OFDM 256QAM	1	1	15.60	15.38	15.52	17.00

N7-ANT0 LEVEL4(SA&ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	21.99	21.98	22.35	23.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	21.95	21.82	22.16	23.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	21.92	21.97	22.23	23.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.07	21.91	22.29	23.50
		1	53	22.02	22.18	22.28	23.50
		1	104	22.16	22.36	22.48	23.50
	DFT-s-OFDM BPSK	50	0	22.11	21.97	22.17	23.50
		50	28	22.23	22.06	22.25	23.50
		50	56	22.01	22.23	22.43	23.50
	DFT-s-OFDM BPSK	100	0	22.19	22.36	22.55	23.50
	DFT-s-OFDM QPSK	1	1	22.10	22.16	22.46	23.50
	DFT-s-OFDM 16QAM	1	1	20.77	20.75	20.98	22.50
	DFT-s-OFDM 64QAM	1	1	19.23	19.31	19.48	21.00
	DFT-s-OFDM 256QAM	1	1	18.18	17.92	17.87	19.50
	CP-OFDM QPSK	1	1	20.39	20.64	20.88	22.00
	CP-OFDM 16QAM	1	1	20.45	20.47	20.45	21.50
	CP-OFDM 64QAM	1	1	18.94	18.89	18.97	20.00
	CP-OFDM 256QAM	1	1	15.60	15.38	15.52	17.00

N7-ANT0 LEVEL5&6(SA&ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	21.99	21.98	22.35	23.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	21.95	21.82	22.16	23.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	21.92	21.97	22.23	23.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.07	21.91	22.29	23.50
		1	53	22.02	22.18	22.28	23.50
		1	104	22.16	22.36	22.48	23.50
	DFT-s-OFDM BPSK	50	0	22.11	21.97	22.17	23.50
		50	28	22.23	22.06	22.25	23.50
		50	56	22.01	22.23	22.43	23.50
	DFT-s-OFDM BPSK	100	0	22.19	22.36	22.55	23.50
	DFT-s-OFDM QPSK	1	1	22.10	22.16	22.46	23.50
	DFT-s-OFDM 16QAM	1	1	20.77	20.75	20.98	22.50
	DFT-s-OFDM 64QAM	1	1	19.23	19.31	19.48	21.00
	DFT-s-OFDM 256QAM	1	1	18.18	17.92	17.87	19.50
	CP-OFDM QPSK	1	1	20.39	20.64	20.88	22.00
	CP-OFDM 16QAM	1	1	20.45	20.47	20.45	21.50
	CP-OFDM 64QAM	1	1	18.94	18.89	18.97	20.00
	CP-OFDM 256QAM	1	1	15.60	15.38	15.52	17.00

8.6.4 NR Band7(Ant.1) Output Power

N7-ANT1 LEVEL1(Only for SA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	13.28	13.39	13.45	14.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	13.18	13.56	13.66	14.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	13.18	13.50	13.41	14.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	13.28	13.43	13.55	14.50
		1	53	13.37	13.46	13.46	14.50
		1	104	13.38	13.31	13.68	14.50
	DFT-s-OFDM BPSK	50	0	13.43	13.47	13.49	14.50
		50	28	13.37	13.50	13.44	14.50
		50	56	13.38	13.38	13.64	14.50
	DFT-s-OFDM BPSK	100	0	13.32	13.34	13.70	14.50
	DFT-s-OFDM QPSK	1	1	13.26	13.46	13.52	14.50
	DFT-s-OFDM 16QAM	1	1	13.49	13.22	13.62	14.50
	DFT-s-OFDM 64QAM	1	1	13.46	13.34	13.55	14.50
	DFT-s-OFDM 256QAM	1	1	13.49	13.59	13.44	14.50
	CP-OFDM QPSK	1	1	13.43	13.36	13.76	14.50
	CP-OFDM 16QAM	1	1	13.13	13.54	13.46	14.50
	CP-OFDM 64QAM	1	1	13.44	13.45	13.45	14.50
	CP-OFDM 256QAM	1	1	13.36	13.40	13.54	14.50

N7-ANT1 LEVEL2&3(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	13.28	13.39	13.45	14.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	13.18	13.56	13.66	14.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	13.18	13.50	13.41	14.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	13.28	13.43	13.55	14.50
		1	53	13.37	13.46	13.46	14.50
		1	104	13.38	13.31	13.68	14.50
	DFT-s-OFDM BPSK	50	0	13.43	13.47	13.49	14.50
		50	28	13.37	13.50	13.44	14.50
		50	56	13.38	13.38	13.64	14.50
	DFT-s-OFDM BPSK	100	0	13.32	13.34	13.70	14.50
	DFT-s-OFDM QPSK	1	1	13.26	13.46	13.52	14.50
	DFT-s-OFDM 16QAM	1	1	13.49	13.22	13.62	14.50
	DFT-s-OFDM 64QAM	1	1	13.46	13.34	13.55	14.50
	DFT-s-OFDM 256QAM	1	1	13.49	13.59	13.44	14.50
	CP-OFDM QPSK	1	1	13.43	13.36	13.76	14.50
	CP-OFDM 16QAM	1	1	13.13	13.54	13.46	14.50
	CP-OFDM 64QAM	1	1	13.44	13.45	13.45	14.50
	CP-OFDM 256QAM	1	1	13.36	13.40	13.54	14.50

N7-ANT1 LEVEL4(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	17.61	17.83	17.67	18.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	17.63	17.64	17.89	18.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	17.53	17.73	17.66	18.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.67	17.78	17.81	18.50
		1	53	17.81	17.83	17.67	18.50
		1	104	18.02	17.58	17.41	18.50
	DFT-s-OFDM BPSK	50	0	17.83	17.80	17.88	18.50
		50	28	17.87	17.68	17.39	18.50
		50	56	18.04	17.55	17.29	18.50
	DFT-s-OFDM BPSK	100	0	17.65	17.71	17.80	18.50
	DFT-s-OFDM QPSK	1	1	17.53	17.78	17.82	18.50
	DFT-s-OFDM 16QAM	1	1	17.89	17.61	17.45	18.50
	DFT-s-OFDM 64QAM	1	1	18.07	17.53	17.77	18.50
	DFT-s-OFDM 256QAM	1	1	17.69	17.81	17.56	18.50
	CP-OFDM QPSK	1	1	18.12	17.65	17.63	18.50
	CP-OFDM 16QAM	1	1	17.92	17.54	17.52	18.50
	CP-OFDM 64QAM	1	1	17.72	17.73	17.61	18.50
	CP-OFDM 256QAM	1	1	14.92	14.68	14.83	16.00

N7-ANT1 LEVEL5&6(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	17.61	17.83	17.67	18.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	17.63	17.64	17.89	18.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	17.53	17.73	17.66	18.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.67	17.78	17.81	18.50
		1	53	17.81	17.83	17.67	18.50
		1	104	18.02	17.58	17.41	18.50
	DFT-s-OFDM BPSK	50	0	17.83	17.80	17.88	18.50
		50	28	17.87	17.68	17.39	18.50
		50	56	18.04	17.55	17.29	18.50
	DFT-s-OFDM BPSK	100	0	17.65	17.71	17.80	18.50
	DFT-s-OFDM QPSK	1	1	17.53	17.78	17.82	18.50
	DFT-s-OFDM 16QAM	1	1	17.89	17.61	17.45	18.50
	DFT-s-OFDM 64QAM	1	1	18.07	17.53	17.77	18.50
	DFT-s-OFDM 256QAM	1	1	17.69	17.81	17.56	18.50
	CP-OFDM QPSK	1	1	18.12	17.65	17.63	18.50
	CP-OFDM 16QAM	1	1	17.92	17.54	17.52	18.50
	CP-OFDM 64QAM	1	1	17.72	17.73	17.61	18.50
	CP-OFDM 256QAM	1	1	14.92	14.68	14.83	16.00

8.6.5 NR Band7(Ant.4) Output Power

N7-ANT4 LEVEL1(Only for ENDC)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	20.48	20.49	20.62	21.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	20.41	20.42	20.39	21.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	20.67	20.54	20.58	21.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	20.52	20.55	20.49	21.00
		1	53	20.54	20.66	20.44	21.00
		1	104	20.70	20.67	20.54	21.00
	DFT-s-OFDM BPSK	50	0	20.44	20.42	20.64	21.00
		50	28	20.52	20.46	20.52	21.00
		50	56	20.39	20.69	20.54	21.00
	DFT-s-OFDM BPSK	100	0	20.41	20.65	20.41	21.00
	DFT-s-OFDM QPSK	1	1	20.39	20.54	20.42	21.00
	DFT-s-OFDM 16QAM	1	1	19.42	19.31	19.33	20.00
	DFT-s-OFDM 64QAM	1	1	17.88	17.86	17.90	19.00
	DFT-s-OFDM 256QAM	1	1	16.59	16.55	16.40	17.00
	CP-OFDM QPSK	1	1	19.20	19.10	19.09	20.00
	CP-OFDM 16QAM	1	1	18.76	18.84	18.70	20.00
	CP-OFDM 64QAM	1	1	17.32	17.18	17.06	18.00
	CP-OFDM 256QAM	1	1	13.78	13.92	13.78	14.50

N7-ANT4 LEVEL2&3(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	20.48	20.49	20.62	21.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	20.41	20.42	20.39	21.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	20.67	20.54	20.58	21.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	20.52	20.55	20.49	21.00
		1	53	20.54	20.66	20.44	21.00
		1	104	20.70	20.67	20.54	21.00
	DFT-s-OFDM BPSK	50	0	20.44	20.42	20.64	21.00
		50	28	20.52	20.46	20.52	21.00
		50	56	20.39	20.69	20.54	21.00
	DFT-s-OFDM BPSK	100	0	20.41	20.65	20.41	21.00
	DFT-s-OFDM QPSK	1	1	20.39	20.54	20.42	21.00
	DFT-s-OFDM 16QAM	1	1	19.42	19.31	19.33	20.00
	DFT-s-OFDM 64QAM	1	1	17.88	17.86	17.90	19.00
	DFT-s-OFDM 256QAM	1	1	16.59	16.55	16.40	17.00
	CP-OFDM QPSK	1	1	19.20	19.10	19.09	20.00
	CP-OFDM 16QAM	1	1	18.76	18.84	18.70	20.00
	CP-OFDM 64QAM	1	1	17.32	17.18	17.06	18.00
	CP-OFDM 256QAM	1	1	13.78	13.92	13.78	14.50

N7-ANT4 LEVEL4(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	20.48	20.49	20.62	21.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	20.41	20.42	20.39	21.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	20.67	20.54	20.58	21.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	20.52	20.55	20.49	21.00
		1	53	20.54	20.66	20.44	21.00
		1	104	20.70	20.67	20.54	21.00
	DFT-s-OFDM BPSK	50	0	20.44	20.42	20.64	21.00
		50	28	20.52	20.46	20.52	21.00
		50	56	20.39	20.69	20.54	21.00
	DFT-s-OFDM BPSK	100	0	20.41	20.65	20.41	21.00
	DFT-s-OFDM QPSK	1	1	20.39	20.54	20.42	21.00
	DFT-s-OFDM 16QAM	1	1	19.42	19.31	19.33	20.00
	DFT-s-OFDM 64QAM	1	1	17.88	17.86	17.90	19.00
	DFT-s-OFDM 256QAM	1	1	16.59	16.55	16.40	17.00
	CP-OFDM QPSK	1	1	19.20	19.10	19.09	20.00
	CP-OFDM 16QAM	1	1	18.76	18.84	18.70	20.00
	CP-OFDM 64QAM	1	1	17.32	17.18	17.06	18.00
	CP-OFDM 256QAM	1	1	13.78	13.92	13.78	14.50

N7-ANT4 LEVEL5&6(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM BPSK	1	1	20.48	20.49	20.62	21.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power
	Modulation	RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM BPSK	1	1	20.41	20.42	20.39	21.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power
	Modulation	RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM BPSK	1	1	20.67	20.54	20.58	21.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power
	Modulation	RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	20.52	20.55	20.49	21.00
		1	53	20.54	20.66	20.44	21.00
		1	104	20.70	20.67	20.54	21.00
	DFT-s-OFDM BPSK	50	0	20.44	20.42	20.64	21.00
		50	28	20.52	20.46	20.52	21.00
		50	56	20.39	20.69	20.54	21.00
	DFT-s-OFDM BPSK	100	0	20.41	20.65	20.41	21.00
	DFT-s-OFDM QPSK	1	1	20.39	20.54	20.42	21.00
	DFT-s-OFDM 16QAM	1	1	19.42	19.31	19.33	20.00
	DFT-s-OFDM 64QAM	1	1	17.88	17.86	17.90	19.00
	DFT-s-OFDM 256QAM	1	1	16.59	16.55	16.40	17.00
	CP-OFDM QPSK	1	1	19.20	19.10	19.09	20.00
	CP-OFDM 16QAM	1	1	18.76	18.84	18.70	20.00
	CP-OFDM 64QAM	1	1	17.32	17.18	17.06	18.00
	CP-OFDM 256QAM	1	1	13.78	13.92	13.78	14.50

8.6.6 NR Band38(Ant.0) Output Power

N38-ANT0 LEVEL1(Only for SA)							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	22.58	22.70	22.55	23.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	22.64	22.63	22.54	23.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.46	22.43	22.45	23.80
		1	25	22.64	22.47	22.42	23.80
		1	49	22.57	22.83	22.54	23.80
	DFT-s-OFDM BPSK	25	0	22.38	22.62	22.60	23.80
		25	12	22.57	22.44	22.52	23.80
		25	25	22.74	22.75	22.56	23.80
	DFT-s-OFDM BPSK	50	0	22.54	22.61	22.74	23.80
	DFT-s-OFDM QPSK	1	1	22.67	22.68	22.25	23.80
	DFT-s-OFDM 16QAM	1	1	21.22	21.16	21.43	22.80
	DFT-s-OFDM 64QAM	1	1	19.90	19.65	19.91	21.30
	DFT-s-OFDM 256QAM	1	1	18.45	18.34	18.41	19.30
	CP-OFDM QPSK	1	1	21.15	21.01	21.28	22.30
	CP-OFDM 16QAM	1	1	20.96	21.00	21.08	21.80
	CP-OFDM 64QAM	1	1	18.99	19.32	19.39	20.30
	CP-OFDM 256QAM	1	1	16.01	15.98	16.10	17.30

N38-ANT0 LEVEL2&3(Only for SA)

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	22.58	22.70	22.55	23.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	22.64	22.63	22.54	23.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.46	22.43	22.45	23.80
		1	25	22.64	22.47	22.42	23.80
		1	49	22.57	22.83	22.54	23.80
	DFT-s-OFDM BPSK	25	0	22.38	22.62	22.60	23.80
		25	12	22.57	22.44	22.52	23.80
		25	25	22.74	22.75	22.56	23.80
	DFT-s-OFDM BPSK	50	0	22.54	22.61	22.74	23.80
	DFT-s-OFDM QPSK	1	1	22.67	22.68	22.25	23.80
	DFT-s-OFDM 16QAM	1	1	21.22	21.16	21.43	22.80
	DFT-s-OFDM 64QAM	1	1	19.90	19.65	19.91	21.30
	DFT-s-OFDM 256QAM	1	1	18.45	18.34	18.41	19.30
	CP-OFDM QPSK	1	1	21.15	21.01	21.28	22.30
	CP-OFDM 16QAM	1	1	20.96	21.00	21.08	21.80
	CP-OFDM 64QAM	1	1	18.99	19.32	19.39	20.30
	CP-OFDM 256QAM	1	1	16.01	15.98	16.10	17.30

N38-ANT0 LEVEL4(Only for SA)

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	22.58	22.70	22.55	23.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	22.64	22.63	22.54	23.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.46	22.43	22.45	23.80
		1	25	22.64	22.47	22.42	23.80
		1	49	22.57	22.83	22.54	23.80
	DFT-s-OFDM BPSK	25	0	22.38	22.62	22.60	23.80
		25	12	22.57	22.44	22.52	23.80
		25	25	22.74	22.75	22.56	23.80
	DFT-s-OFDM BPSK	50	0	22.54	22.61	22.74	23.80
	DFT-s-OFDM QPSK	1	1	22.67	22.68	22.25	23.80
	DFT-s-OFDM 16QAM	1	1	21.22	21.16	21.43	22.80
	DFT-s-OFDM 64QAM	1	1	19.90	19.65	19.91	21.30
	DFT-s-OFDM 256QAM	1	1	18.45	18.34	18.41	19.30
	CP-OFDM QPSK	1	1	21.15	21.01	21.28	22.30
	CP-OFDM 16QAM	1	1	20.96	21.00	21.08	21.80
	CP-OFDM 64QAM	1	1	18.99	19.32	19.39	20.30
	CP-OFDM 256QAM	1	1	16.01	15.98	16.10	17.30

N38-ANT0 LEVEL5&6(Only for SA)

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	21.68	21.83	22.21	22.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	21.94	22.04	21.93	22.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	21.83	21.97	22.08	22.80
		1	25	21.74	21.96	22.05	22.80
		1	49	21.76	21.95	22.15	22.80
	DFT-s-OFDM BPSK	25	0	21.69	22.08	22.17	22.80
		25	12	21.88	21.98	22.18	22.80
		25	25	21.89	21.87	22.27	22.80
	DFT-s-OFDM BPSK	50	0	21.98	21.87	22.10	22.80
	DFT-s-OFDM QPSK	1	1	21.75	21.87	22.18	22.80
	DFT-s-OFDM 16QAM	1	1	21.62	21.90	22.26	22.80
	DFT-s-OFDM 64QAM	1	1	20.05	19.63	20.06	21.30
	DFT-s-OFDM 256QAM	1	1	18.45	18.32	18.29	19.30
	CP-OFDM QPSK	1	1	21.18	21.10	21.27	22.30
	CP-OFDM 16QAM	1	1	20.86	21.07	21.19	21.80
	CP-OFDM 64QAM	1	1	18.89	19.21	19.35	20.30
	CP-OFDM 256QAM	1	1	16.08	15.83	15.98	17.30

8.6.7 NR Band38(Ant.1) Output Power

N38-ANT1 LEVEL1(Only for SA)							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	14.41	14.16	14.39	14.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	14.21	14.18	14.26	14.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	14.30	14.26	14.28	14.80
		1	25	14.27	14.39	14.46	14.80
		1	49	14.30	14.32	14.43	14.80
	DFT-s-OFDM BPSK	25	0	14.18	14.16	14.29	14.80
		25	12	14.14	14.23	14.12	14.80
		25	25	14.40	14.28	14.20	14.80
	DFT-s-OFDM BPSK	50	0	14.03	14.16	14.02	14.80
	DFT-s-OFDM QPSK	1	1	14.37	14.32	14.37	14.80
	DFT-s-OFDM 16QAM	1	1	14.26	14.38	14.46	14.80
	DFT-s-OFDM 64QAM	1	1	14.43	14.32	14.32	14.80
	DFT-s-OFDM 256QAM	1	1	14.15	14.23	14.23	14.80
	CP-OFDM QPSK	1	1	14.41	14.39	14.39	14.80
	CP-OFDM 16QAM	1	1	14.06	14.19	14.12	14.80
	CP-OFDM 64QAM	1	1	14.33	14.31	14.27	14.80
	CP-OFDM 256QAM	1	1	14.47	14.35	14.23	14.80

N38-ANT1 LEVEL2&3(Only for SA)							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	14.41	14.16	14.39	14.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	14.21	14.18	14.26	14.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	14.30	14.26	14.28	14.80
		1	25	14.27	14.39	14.46	14.80
		1	49	14.30	14.32	14.43	14.80
	DFT-s-OFDM BPSK	25	0	14.18	14.16	14.29	14.80
		25	12	14.14	14.23	14.12	14.80
		25	25	14.40	14.28	14.20	14.80
	DFT-s-OFDM BPSK	50	0	14.03	14.16	14.02	14.80
	DFT-s-OFDM QPSK	1	1	14.37	14.32	14.37	14.80
	DFT-s-OFDM 16QAM	1	1	14.26	14.38	14.46	14.80
	DFT-s-OFDM 64QAM	1	1	14.43	14.32	14.32	14.80
	DFT-s-OFDM 256QAM	1	1	14.15	14.23	14.23	14.80
	CP-OFDM QPSK	1	1	14.41	14.39	14.39	14.80
	CP-OFDM 16QAM	1	1	14.06	14.19	14.12	14.80
	CP-OFDM 64QAM	1	1	14.33	14.31	14.27	14.80
	CP-OFDM 256QAM	1	1	14.47	14.35	14.23	14.80

N38-ANT1 LEVEL4(Only for SA)

Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	20.68	20.79	20.98	21.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	20.73	20.93	21.04	21.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	20.83	20.93	21.08	21.80
		1	25	20.92	20.89	20.80	21.80
		1	49	20.97	20.93	20.82	21.80
	DFT-s-OFDM BPSK	25	0	21.15	21.06	20.95	21.80
		25	12	21.09	20.97	20.92	21.80
		25	25	20.93	20.86	20.84	21.80
	DFT-s-OFDM BPSK	50	0	20.83	20.86	20.85	21.80
	DFT-s-OFDM QPSK	1	1	21.09	21.06	20.98	21.80
	DFT-s-OFDM 16QAM	1	1	20.37	20.96	20.64	21.80
	DFT-s-OFDM 64QAM	1	1	19.22	19.21	19.17	20.30
	DFT-s-OFDM 256QAM	1	1	18.12	17.93	17.98	18.80
	CP-OFDM QPSK	1	1	20.32	20.64	20.60	21.80
	CP-OFDM 16QAM	1	1	20.09	20.11	20.25	21.30
	CP-OFDM 64QAM	1	1	18.54	18.76	18.58	19.80
	CP-OFDM 256QAM	1	1	15.45	15.41	15.48	16.30

N38-ANT1 LEVEL5&6(Only for SA)							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM BPSK	1	1	18.87	18.98	19.20	19.80
Bandwidth (MHz)		Channel		515500	519000	522500	Tune-up power
		Frequency(MHz)		2577.5	2595	2612.5	
15	DFT-s-OFDM BPSK	1	1	18.90	18.94	19.08	19.80
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	18.95	18.95	19.08	19.80
		1	25	18.90	18.86	18.73	19.80
		1	49	18.95	19.05	19.14	19.80
	DFT-s-OFDM BPSK	25	0	18.71	18.86	18.74	19.80
		25	12	18.89	18.92	18.94	19.80
		25	25	18.91	19.02	18.88	19.80
	DFT-s-OFDM BPSK	50	0	19.09	19.08	19.02	19.80
	DFT-s-OFDM QPSK	1	1	19.05	18.93	18.80	19.80
	DFT-s-OFDM 16QAM	1	1	18.81	18.81	18.82	19.80
	DFT-s-OFDM 64QAM	1	1	18.99	18.98	19.05	19.80
	DFT-s-OFDM 256QAM	1	1	18.18	17.95	18.11	18.80
	CP-OFDM QPSK	1	1	18.81	18.83	18.96	19.80
	CP-OFDM 16QAM	1	1	18.88	19.02	18.90	19.80
	CP-OFDM 64QAM	1	1	19.13	19.01	19.15	19.80
	CP-OFDM 256QAM	1	1	15.56	15.56	15.60	16.30

8.6.8 NR Band41(Ant.0) Output Power

N41-ANT0 LEVEL1(Only for SA)									
Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	
10	DFT-s-OFDM BPSK	1	1	22.75	23.12	23.24	22.90	22.78	23.80
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up power(dB)
	Modulation	RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	
15	DFT-s-OFDM BPSK	1	1	22.93	23.21	23.24	22.82	22.97	23.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.90	23.14	23.22	22.85	23.03	23.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.91	23.22	23.07	22.83	22.78	23.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.78	23.15	23.31	22.88	22.89	23.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.67	23.21	23.20	22.87	22.87	23.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.89	23.27	23.04	22.79	22.93	23.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.75	23.13	23.20	22.70	22.75	23.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.82	23.16	23.19	22.78	22.90	23.80
		1	137	22.64	22.99	22.78	22.89	22.86	23.80
		1	271	22.60	22.86	22.56	22.72	22.85	23.80
	DFT-s-OFDM BPSK	135	0	22.88	22.99	23.11	23.05	22.89	23.80
		135	69	22.70	22.70	22.74	22.60	22.85	23.80
		135	138	22.68	22.55	22.82	22.70	22.75	23.80
	DFT-s-OFDM BPSK	270	0	22.76	22.88	22.95	22.74	22.82	23.80
	DFT-s-OFDM QPSK	1	1	22.86	22.57	22.64	22.56	22.58	23.80
	DFT-s-OFDM 16QAM	1	1	21.38	21.72	21.43	21.50	21.30	22.80
	DFT-s-OFDM 64QAM	1	1	20.02	20.35	20.06	20.32	20.06	21.30
	DFT-s-OFDM 256QAM	1	1	18.95	18.79	19.13	19.24	18.83	19.80
	CP-OFDM QPSK	1	1	21.24	21.39	21.21	21.27	21.20	22.30
	CP-OFDM 16QAM	1	1	21.09	20.86	20.97	20.69	20.91	21.80
	CP-OFDM 64QAM	1	1	19.38	19.26	19.48	19.34	19.42	20.30
	CP-OFDM 256QAM	1	1	16.69	16.54	16.70	16.75	16.32	17.30

N41-ANT0 LEVEL2&3(Only for SA)

Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	
10	DFT-s-OFDM BPSK	1	1	22.75	23.12	23.24	22.90	22.78	23.80
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up power(dB)
	Modulation	RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	
15	DFT-s-OFDM BPSK	1	1	22.93	23.21	23.24	22.82	22.97	23.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.90	23.14	23.22	22.85	23.03	23.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.91	23.22	23.07	22.83	22.78	23.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.78	23.15	23.31	22.88	22.89	23.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.67	23.21	23.20	22.87	22.87	23.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.89	23.27	23.04	22.79	22.93	23.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.75	23.13	23.20	22.70	22.75	23.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.82	23.16	23.19	22.78	22.90	23.80
		1	137	22.64	22.99	22.78	22.89	22.86	23.80
		1	271	22.60	22.86	22.56	22.72	22.85	23.80
	DFT-s-OFDM BPSK	135	0	22.88	22.99	23.11	23.05	22.89	23.80
		135	69	22.70	22.70	22.74	22.60	22.85	23.80
		135	138	22.68	22.55	22.82	22.70	22.75	23.80
	DFT-s-OFDM BPSK	270	0	22.76	22.88	22.95	22.74	22.82	23.80
	DFT-s-OFDM QPSK	1	1	22.86	22.57	22.64	22.56	22.58	23.80
	DFT-s-OFDM 16QAM	1	1	21.38	21.72	21.43	21.50	21.30	22.80
	DFT-s-OFDM 64QAM	1	1	20.02	20.35	20.06	20.32	20.06	21.30
	DFT-s-OFDM 256QAM	1	1	18.95	18.79	19.13	19.24	18.83	19.80
	CP-OFDM QPSK	1	1	21.24	21.39	21.21	21.27	21.20	22.30
	CP-OFDM 16QAM	1	1	21.09	20.86	20.97	20.69	20.91	21.80
	CP-OFDM 64QAM	1	1	19.38	19.26	19.48	19.34	19.42	20.30
	CP-OFDM 256QAM	1	1	16.69	16.54	16.70	16.75	16.32	17.30

N41-ANT0 LEVEL4(Only for SA)

Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up power(dB)
Modulation		RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	
10	DFT-s-OFDM BPSK	1	1	22.75	23.12	23.24	22.90	22.78	23.80
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up power(dB)
Modulation		RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	
15	DFT-s-OFDM BPSK	1	1	22.93	23.21	23.24	22.82	22.97	23.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
Modulation		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.90	23.14	23.22	22.85	23.03	23.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
Modulation		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.91	23.22	23.07	22.83	22.78	23.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
Modulation		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.78	23.15	23.31	22.88	22.89	23.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
Modulation		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.67	23.21	23.20	22.87	22.87	23.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
Modulation		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.89	23.27	23.04	22.79	22.93	23.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
Modulation		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.75	23.13	23.20	22.70	22.75	23.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
Modulation		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.82	23.16	23.19	22.78	22.90	23.80
		1	137	22.64	22.99	22.78	22.89	22.86	23.80
		1	271	22.60	22.86	22.56	22.72	22.85	23.80
	DFT-s-OFDM BPSK	135	0	22.88	22.99	23.11	23.05	22.89	23.80
		135	69	22.70	22.70	22.74	22.60	22.85	23.80
		135	138	22.68	22.55	22.82	22.70	22.75	23.80
	DFT-s-OFDM BPSK	270	0	22.76	22.88	22.95	22.74	22.82	23.80
	DFT-s-OFDM QPSK	1	1	22.86	22.57	22.64	22.56	22.58	23.80
	DFT-s-OFDM 16QAM	1	1	21.38	21.72	21.43	21.50	21.30	22.80
	DFT-s-OFDM 64QAM	1	1	20.02	20.35	20.06	20.32	20.06	21.30
	DFT-s-OFDM 256QAM	1	1	18.95	18.79	19.13	19.24	18.83	19.80
	CP-OFDM QPSK	1	1	21.24	21.39	21.21	21.27	21.20	22.30
	CP-OFDM 16QAM	1	1	21.09	20.86	20.97	20.69	20.91	21.80
	CP-OFDM 64QAM	1	1	19.38	19.26	19.48	19.34	19.42	20.30
	CP-OFDM 256QAM	1	1	16.69	16.54	16.70	16.75	16.32	17.30

N41-ANT0 LEVEL5&6(Only for SA)

Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up
	Modulation	RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	power(dB)
10	DFT-s-OFDM BPSK	1	1	22.75	23.12	23.24	22.90	22.78	23.80
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up
	Modulation	RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	power(dB)
15	DFT-s-OFDM BPSK	1	1	22.93	23.21	23.24	22.82	22.97	23.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	22.90	23.14	23.22	22.85	23.03	23.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	22.91	23.22	23.07	22.83	22.78	23.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	22.78	23.15	23.31	22.88	22.89	23.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	22.67	23.21	23.20	22.87	22.87	23.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	22.89	23.27	23.04	22.79	22.93	23.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	22.75	23.13	23.20	22.70	22.75	23.80
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	22.82	23.16	23.19	22.78	22.90	23.80
		1	137	22.64	22.99	22.78	22.89	22.86	23.80
		1	271	22.60	22.86	22.56	22.72	22.85	23.80
	DFT-s-OFDM BPSK	135	0	22.88	22.99	23.11	23.05	22.89	23.80
		135	69	22.70	22.70	22.74	22.60	22.85	23.80
		135	138	22.68	22.55	22.82	22.70	22.75	23.80
	DFT-s-OFDM BPSK	270	0	22.76	22.88	22.95	22.74	22.82	23.80
	DFT-s-OFDM QPSK	1	1	22.86	22.57	22.64	22.56	22.58	23.80
	DFT-s-OFDM 16QAM	1	1	21.38	21.72	21.43	21.50	21.30	22.80
	DFT-s-OFDM 64QAM	1	1	20.02	20.35	20.06	20.32	20.06	21.30
	DFT-s-OFDM 256QAM	1	1	18.95	18.79	19.13	19.24	18.83	19.80
	CP-OFDM QPSK	1	1	21.24	21.39	21.21	21.27	21.20	22.30
	CP-OFDM 16QAM	1	1	21.09	20.86	20.97	20.69	20.91	21.80
	CP-OFDM 64QAM	1	1	19.38	19.26	19.48	19.34	19.42	20.30
	CP-OFDM 256QAM	1	1	16.69	16.54	16.70	16.75	16.32	17.30

8.6.9 NR Band41(Ant.1) Output Power

N41-ANT1 LEVEL1(Only for SA)									
Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	
10	DFT-s-OFDM BPSK	1	1	15.41	15.42	15.57	15.24	15.31	15.80
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up power(dB)
	Modulation	RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	
15	DFT-s-OFDM BPSK	1	1	15.29	15.29	15.55	15.33	15.25	15.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	15.42	15.39	15.45	15.12	15.27	15.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	15.44	15.37	15.34	15.32	15.39	15.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	15.43	15.47	15.49	15.19	15.36	15.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	15.43	15.47	15.53	15.24	15.34	15.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	15.48	15.50	15.56	15.10	15.31	15.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	15.33	15.29	15.34	15.32	15.18	15.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.37	15.42	15.44	15.24	15.27	15.80
		1	137	15.27	15.26	15.28	15.30	15.38	15.80
		1	271	15.26	15.35	15.26	15.20	15.35	15.80
	DFT-s-OFDM BPSK	135	0	15.17	15.36	15.38	15.22	15.11	15.80
		135	69	15.13	15.34	15.20	15.10	15.15	15.80
		135	138	15.16	15.28	15.31	15.33	15.32	15.80
	DFT-s-OFDM BPSK	270	0	15.38	15.44	15.38	15.29	15.38	15.80
	DFT-s-OFDM QPSK	1	1	15.44	15.24	15.32	15.19	15.41	15.80
	DFT-s-OFDM 16QAM	1	1	15.34	15.26	15.26	15.15	15.12	15.80
	DFT-s-OFDM 64QAM	1	1	15.25	15.40	15.40	15.47	15.34	15.80
	DFT-s-OFDM 256QAM	1	1	15.17	15.26	15.18	15.09	15.12	15.80
	CP-OFDM QPSK	1	1	15.35	15.36	15.40	15.54	15.51	15.80
	CP-OFDM 16QAM	1	1	15.32	15.43	15.47	15.37	15.57	15.80
	CP-OFDM 64QAM	1	1	15.16	15.16	15.18	15.06	15.03	15.80
	CP-OFDM 256QAM	1	1	15.34	15.33	15.34	15.38	15.44	15.80

N41-ANT1 LEVEL2&3(Only for SA)									
Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	
10	DFT-s-OFDM BPSK	1	1	14.39	14.49	14.39	14.27	14.29	
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up power(dB)
	Modulation	RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	
15	DFT-s-OFDM BPSK	1	1	14.51	14.63	14.25	14.38	14.40	14.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	14.54	14.56	14.28	14.34	14.51	14.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	14.50	14.44	14.47	14.27	14.33	14.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	14.47	14.55	14.29	14.40	14.29	14.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	14.43	14.65	14.42	14.53	14.45	14.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	14.40	14.63	14.35	14.44	14.49	14.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	14.42	14.64	14.30	14.41	14.26	14.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	14.42	14.51	14.39	14.42	14.38	14.80
		1	137	14.49	14.49	14.51	14.42	14.46	14.80
		1	271	14.36	14.07	14.46	14.46	14.03	14.80
	DFT-s-OFDM BPSK	135	0	14.44	14.40	14.48	14.38	14.33	14.80
		135	69	14.40	14.36	14.29	14.27	14.20	14.80
		135	138	14.30	14.13	14.24	14.29	14.29	14.80
	DFT-s-OFDM BPSK	270	0	14.34	14.40	14.44	14.51	14.37	14.80
	DFT-s-OFDM QPSK	1	1	14.48	14.44	14.39	14.43	14.47	14.80
	DFT-s-OFDM 16QAM	1	1	14.30	14.47	14.36	14.46	14.29	14.80
	DFT-s-OFDM 64QAM	1	1	14.22	14.44	14.31	14.40	14.38	14.80
	DFT-s-OFDM 256QAM	1	1	14.41	14.56	14.45	14.33	14.33	14.80
	CP-OFDM QPSK	1	1	14.62	14.65	14.51	14.66	14.41	14.80
	CP-OFDM 16QAM	1	1	14.26	14.39	14.26	14.15	14.17	14.80
	CP-OFDM 64QAM	1	1	14.45	14.49	14.39	14.35	14.39	14.80
	CP-OFDM 256QAM	1	1	14.46	14.52	14.39	14.43	14.38	14.80

N41-ANT1 LEVEL4(Only for SA)									
Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	
10	DFT-s-OFDM BPSK	1	1	18.47	18.57	18.30	18.40	18.26	18.80
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up power(dB)
	Modulation	RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	
15	DFT-s-OFDM BPSK	1	1	18.66	18.59	18.31	18.42	18.37	18.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	18.41	18.56	18.55	18.52	18.32	18.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	18.39	18.49	18.40	18.49	18.31	18.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	18.68	18.63	18.28	18.50	18.32	18.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	18.51	18.55	18.26	18.38	18.26	18.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	18.58	18.43	18.39	18.42	18.36	18.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	18.61	18.54	18.36	18.54	18.38	18.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.54	18.49	18.40	18.50	18.38	18.80
		1	137	18.52	18.44	18.43	18.40	18.32	18.80
		1	271	18.50	18.39	18.48	18.44	18.49	18.80
	DFT-s-OFDM BPSK	135	0	18.30	18.48	18.51	18.35	18.40	18.80
		135	69	18.23	18.16	18.28	18.19	18.22	18.80
		135	138	18.29	18.38	18.26	18.34	18.31	18.80
	DFT-s-OFDM BPSK	270	0	18.32	18.39	18.42	18.30	18.27	18.80
	DFT-s-OFDM QPSK	1	1	18.53	18.59	18.53	18.65	18.60	18.80
	DFT-s-OFDM 16QAM	1	1	18.68	18.61	18.54	18.67	18.49	18.80
	DFT-s-OFDM 64QAM	1	1	18.66	18.54	18.53	18.62	18.48	18.80
	DFT-s-OFDM 256QAM	1	1	18.47	18.47	18.53	18.52	18.40	18.80
	CP-OFDM QPSK	1	1	18.29	18.37	18.40	18.43	18.37	18.80
	CP-OFDM 16QAM	1	1	18.40	18.22	18.36	18.35	18.38	18.80
	CP-OFDM 64QAM	1	1	18.50	18.55	18.43	18.52	18.44	18.80
	CP-OFDM 256QAM	1	1	16.62	16.45	16.56	16.66	16.29	17.30

N41-ANT1 LEVEL5&6(Only for SA)

Bandwidth (MHz)		Channel		500202	510408	518598	527802	537000	Tune-up
Modulation		RB Size	RB offset	2501.01	2547	2592.99	2639.01	2685	power(dB)
10	DFT-s-OFDM BPSK	1	1	18.47	18.57	18.30	18.40	18.26	18.80
Bandwidth (MHz)		Channel		500700	510156	518598	527550	536496	Tune-up
Modulation		RB Size	RB offset	2503.5	2548.26	2592.99	2637.75	2682.48	power(dB)
15	DFT-s-OFDM BPSK	1	1	18.66	18.59	18.31	18.42	18.37	18.80
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
Modulation		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM BPSK	1	1	18.41	18.56	18.55	18.52	18.32	18.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
Modulation		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM BPSK	1	1	18.39	18.49	18.40	18.49	18.31	18.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
Modulation		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM BPSK	1	1	18.68	18.63	18.28	18.50	18.32	18.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
Modulation		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM BPSK	1	1	18.51	18.55	18.26	18.38	18.26	18.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
Modulation		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM BPSK	1	1	18.58	18.43	18.39	18.42	18.36	18.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
Modulation		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM BPSK	1	1	18.61	18.54	18.36	18.54	18.38	18.80
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	18.54	18.49	18.40	18.50	18.38	18.80
		1	137	18.52	18.44	18.43	18.40	18.32	18.80
		1	271	18.50	18.39	18.48	18.44	18.49	18.80
	DFT-s-OFDM BPSK	135	0	18.30	18.48	18.51	18.35	18.40	18.80
		135	69	18.23	18.16	18.28	18.19	18.22	18.80
		135	138	18.29	18.38	18.26	18.34	18.31	18.80
	DFT-s-OFDM BPSK	270	0	18.32	18.39	18.42	18.30	18.27	18.80
	DFT-s-OFDM QPSK	1	1	18.53	18.59	18.53	18.65	18.60	18.80
	DFT-s-OFDM 16QAM	1	1	18.68	18.61	18.54	18.67	18.49	18.80
	DFT-s-OFDM 64QAM	1	1	18.66	18.54	18.53	18.62	18.48	18.80
	DFT-s-OFDM 256QAM	1	1	18.47	18.47	18.53	18.52	18.40	18.80
	CP-OFDM QPSK	1	1	18.29	18.37	18.40	18.43	18.37	18.80
	CP-OFDM 16QAM	1	1	18.40	18.22	18.36	18.35	18.38	18.80
	CP-OFDM 64QAM	1	1	18.50	18.55	18.43	18.52	18.44	18.80
	CP-OFDM 256QAM	1	1	16.62	16.45	16.56	16.66	16.29	17.30

8.7.1 LTE Band7(Ant.4) Output Power

LTE B7-ANT4 LEVEL1(Only for ENDC)

Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.89	19.92	19.86	21.00
		MID	QPSK	19.66	19.94	19.96	21.00
		HIGH	QPSK	19.82	19.87	20.02	21.00
	12	LOW	QPSK	19.14	19.05	19.13	20.00
		MID	QPSK	18.89	18.66	18.85	20.00
		HIGH	QPSK	19.16	18.93	19.04	20.00
	25	LOW	QPSK	18.74	18.92	19.03	20.00
5	1	LOW	Q16	18.81	19.05	18.84	20.00
		MID	Q16	18.94	18.73	18.87	20.00
		HIGH	Q16	19.02	18.96	18.70	20.00
	12	LOW	Q16	18.01	18.02	17.81	19.00
		MID	Q16	17.87	17.83	17.87	19.00
		HIGH	Q16	17.93	18.09	17.81	19.00
	25	LOW	Q16	18.00	17.82	17.83	19.00
5	1	LOW	64QAM	18.02	17.82	18.21	19.00
		MID	64QAM	17.98	17.87	18.09	19.00
		HIGH	64QAM	18.09	18.02	18.06	19.00
	12	LOW	64QAM	16.91	16.96	16.70	18.00
		MID	64QAM	16.94	16.80	16.89	18.00
		HIGH	64QAM	16.75	16.90	16.79	18.00
	25	LOW	64QAM	16.83	16.72	16.96	18.00
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.99	19.97	19.89	21.00
		MID	QPSK	19.62	19.71	19.91	21.00
		HIGH	QPSK	19.86	19.93	19.98	21.00
	25	LOW	QPSK	18.98	18.88	18.93	20.00
		MID	QPSK	19.01	18.66	18.59	20.00
		HIGH	QPSK	18.91	18.97	19.01	20.00
	50	LOW	QPSK	18.75	19.04	18.90	20.00
10	1	LOW	Q16	18.88	18.93	18.88	20.00
		MID	Q16	18.94	19.00	18.87	20.00
		HIGH	Q16	19.01	18.91	18.96	20.00
	25	LOW	Q16	17.89	17.99	17.93	19.00
		MID	Q16	17.71	17.96	17.96	19.00
		HIGH	Q16	18.04	18.06	17.85	19.00
	50	LOW	Q16	17.94	17.73	17.68	19.00
10	1	LOW	64QAM	18.04	18.06	18.05	19.00
		MID	64QAM	18.07	18.05	18.27	19.00
		HIGH	64QAM	18.17	18.03	18.28	19.00
	25	LOW	64QAM	17.04	16.89	16.80	18.00
		MID	64QAM	17.02	17.00	17.05	18.00
		HIGH	64QAM	16.61	16.75	17.02	18.00
	50	LOW	64QAM	16.74	16.85	16.78	18.00

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.92	19.88	19.80	21.00
		MID	QPSK	19.68	19.82	20.07	21.00
		HIGH	QPSK	19.86	19.96	19.95	21.00
	36	LOW	QPSK	19.17	18.83	19.11	20.00
		MID	QPSK	18.96	18.81	18.60	20.00
		HIGH	QPSK	19.16	19.01	18.99	20.00
	75	LOW	QPSK	18.63	18.97	18.84	20.00
15	1	LOW	Q16	18.79	18.92	19.00	20.00
		MID	Q16	18.94	18.75	18.80	20.00
		HIGH	Q16	19.12	18.81	18.75	20.00
	36	LOW	Q16	18.06	17.92	17.87	19.00
		MID	Q16	17.79	18.00	17.91	19.00
		HIGH	Q16	18.07	17.87	18.01	19.00
	75	LOW	Q16	17.91	17.93	17.91	19.00
15	1	LOW	64QAM	18.12	18.08	18.16	19.00
		MID	64QAM	17.99	17.98	18.26	19.00
		HIGH	64QAM	17.96	18.12	18.12	19.00
	36	LOW	64QAM	16.83	17.02	16.72	18.00
		MID	64QAM	17.22	17.08	16.82	18.00
		HIGH	64QAM	16.73	16.62	16.99	18.00
	75	LOW	64QAM	16.62	16.74	16.88	18.00
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.97	19.91	19.77	21.00
		MID	QPSK	19.67	19.81	19.94	21.00
		HIGH	QPSK	19.94	19.93	19.88	21.00
	50	LOW	QPSK	19.02	18.92	19.03	20.00
		MID	QPSK	18.93	18.78	18.71	20.00
		HIGH	QPSK	19.01	19.06	19.08	20.00
	100	LOW	QPSK	18.78	18.89	18.95	20.00
20	1	LOW	Q16	18.92	18.98	18.95	20.00
		MID	Q16	18.92	18.87	18.88	20.00
		HIGH	Q16	18.97	18.84	18.83	20.00
	50	LOW	Q16	17.93	17.90	17.82	19.00
		MID	Q16	17.85	17.97	17.84	19.00
		HIGH	Q16	17.93	17.96	17.94	19.00
	100	LOW	Q16	17.89	17.86	17.79	19.00
20	1	LOW	64QAM	17.98	17.97	18.06	19.00
		MID	64QAM	17.96	18.02	18.13	19.00
		HIGH	64QAM	18.09	18.08	18.21	19.00
	50	LOW	64QAM	16.96	16.87	16.84	18.00
		MID	64QAM	17.09	16.95	16.91	18.00
		HIGH	64QAM	16.69	16.76	16.90	18.00
	100	LOW	64QAM	16.71	16.83	16.81	18.00

LTE B7-ANT4 LEVEL2&3(Only for ENDC)

Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.56	15.41	15.41	16.00
		MID	QPSK	15.29	15.47	15.48	16.00
		HIGH	QPSK	14.87	15.00	14.90	16.00
	12	LOW	QPSK	15.58	15.34	15.41	16.00
		MID	QPSK	15.39	15.54	15.45	16.00
		HIGH	QPSK	15.44	15.27	15.19	16.00
	25	LOW	QPSK	15.16	15.21	15.41	16.00
5	1	LOW	Q16	15.52	15.54	15.59	16.00
		MID	Q16	15.34	15.40	15.48	16.00
		HIGH	Q16	15.49	15.35	15.36	16.00
	12	LOW	Q16	15.42	15.25	15.48	16.00
		MID	Q16	15.41	15.37	15.38	16.00
		HIGH	Q16	15.37	15.38	15.24	16.00
	25	LOW	Q16	15.29	15.12	15.18	16.00
5	1	LOW	64QAM	15.64	15.59	15.41	16.00
		MID	64QAM	15.54	15.46	15.34	16.00
		HIGH	64QAM	15.60	15.73	15.50	16.00
	12	LOW	64QAM	15.53	15.30	15.39	16.00
		MID	64QAM	15.49	15.44	15.48	16.00
		HIGH	64QAM	15.45	15.52	15.40	16.00
	25	LOW	64QAM	15.28	15.18	15.35	16.00
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.51	15.32	15.33	16.00
		MID	QPSK	15.33	15.25	15.26	16.00
		HIGH	QPSK	14.94	14.92	14.93	16.00
	25	LOW	QPSK	15.29	15.46	15.34	16.00
		MID	QPSK	15.42	15.35	15.45	16.00
		HIGH	QPSK	15.22	15.36	15.34	16.00
	50	LOW	QPSK	15.40	15.40	15.40	16.00
10	1	LOW	Q16	15.58	15.58	15.54	16.00
		MID	Q16	15.35	15.49	15.35	16.00
		HIGH	Q16	15.63	15.54	15.61	16.00
	25	LOW	Q16	15.46	15.24	15.47	16.00
		MID	Q16	15.48	15.57	15.41	16.00
		HIGH	Q16	15.48	15.35	15.47	16.00
	50	LOW	Q16	15.37	15.27	15.39	16.00
10	1	LOW	64QAM	15.47	15.59	15.61	16.00
		MID	64QAM	15.51	15.43	15.28	16.00
		HIGH	64QAM	15.71	15.63	15.72	16.00
	25	LOW	64QAM	15.34	15.36	15.39	16.00
		MID	64QAM	15.72	15.72	15.67	16.00
		HIGH	64QAM	15.41	15.45	15.26	16.00
	50	LOW	64QAM	15.29	15.31	15.18	16.00

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.42	15.32	15.31	16.00
		MID	QPSK	15.44	15.41	15.36	16.00
		HIGH	QPSK	14.84	15.03	14.79	16.00
	36	LOW	QPSK	15.45	15.32	15.30	16.00
		MID	QPSK	15.44	15.43	15.53	16.00
		HIGH	QPSK	15.23	15.40	15.16	16.00
	75	LOW	QPSK	15.28	15.29	15.37	16.00
15	1	LOW	Q16	15.51	15.45	15.35	16.00
		MID	Q16	15.47	15.30	15.44	16.00
		HIGH	Q16	15.40	15.42	15.42	16.00
	36	LOW	Q16	15.46	15.51	15.35	16.00
		MID	Q16	15.58	15.44	15.32	16.00
		HIGH	Q16	15.25	15.44	15.26	16.00
	75	LOW	Q16	15.28	15.11	15.30	16.00
15	1	LOW	64QAM	15.54	15.49	15.54	16.00
		MID	64QAM	15.26	15.48	15.53	16.00
		HIGH	64QAM	15.61	15.46	15.46	16.00
	36	LOW	64QAM	15.40	15.26	15.35	16.00
		MID	64QAM	15.49	15.51	15.60	16.00
		HIGH	64QAM	15.41	15.52	15.45	16.00
	75	LOW	64QAM	15.22	15.20	15.19	16.00
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.28	15.45	14.83	16.00
		MID	QPSK	15.52	15.33	14.96	16.00
		HIGH	QPSK	15.56	14.91	14.88	16.00
	50	LOW	QPSK	15.36	15.44	15.55	16.00
		MID	QPSK	15.32	15.45	15.44	16.00
		HIGH	QPSK	15.45	15.29	15.32	16.00
	100	LOW	QPSK	15.32	15.27	15.39	16.00
20	1	LOW	Q16	15.57	15.49	15.38	16.00
		MID	Q16	15.37	15.37	15.51	16.00
		HIGH	Q16	15.59	15.50	15.41	16.00
	50	LOW	Q16	15.25	15.38	15.45	16.00
		MID	Q16	15.61	15.46	15.61	16.00
		HIGH	Q16	15.30	15.37	15.30	16.00
	100	LOW	Q16	15.40	15.25	15.38	16.00
20	1	LOW	64QAM	15.64	15.50	15.46	16.00
		MID	64QAM	15.48	15.40	15.25	16.00
		HIGH	64QAM	15.64	15.58	15.46	16.00
	50	LOW	64QAM	15.52	15.40	15.48	16.00
		MID	64QAM	15.53	15.57	15.49	16.00
		HIGH	64QAM	15.31	15.39	15.41	16.00
	100	LOW	64QAM	15.21	15.31	15.35	16.00

LTE B7-ANT4 LEVEL4(Only for ENDC)

Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.89	19.92	19.86	21.00
		MID	QPSK	19.66	19.94	19.96	21.00
		HIGH	QPSK	19.82	19.87	20.02	21.00
	12	LOW	QPSK	19.14	19.05	19.13	20.00
		MID	QPSK	18.89	18.66	18.85	20.00
		HIGH	QPSK	19.16	18.93	19.04	20.00
	25	LOW	QPSK	18.74	18.92	19.03	20.00
5	1	LOW	Q16	18.81	19.05	18.84	20.00
		MID	Q16	18.94	18.73	18.87	20.00
		HIGH	Q16	19.02	18.96	18.70	20.00
	12	LOW	Q16	18.01	18.02	17.81	19.00
		MID	Q16	17.87	17.83	17.87	19.00
		HIGH	Q16	17.93	18.09	17.81	19.00
	25	LOW	Q16	18.00	17.82	17.83	19.00
5	1	LOW	64QAM	18.02	17.82	18.21	19.00
		MID	64QAM	17.98	17.87	18.09	19.00
		HIGH	64QAM	18.09	18.02	18.06	19.00
	12	LOW	64QAM	16.91	16.96	16.70	18.00
		MID	64QAM	16.94	16.80	16.89	18.00
		HIGH	64QAM	16.75	16.90	16.79	18.00
	25	LOW	64QAM	16.83	16.72	16.96	18.00
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.99	19.97	19.89	21.00
		MID	QPSK	19.62	19.71	19.91	21.00
		HIGH	QPSK	19.86	19.93	19.98	21.00
	25	LOW	QPSK	18.98	18.88	18.93	20.00
		MID	QPSK	19.01	18.66	18.59	20.00
		HIGH	QPSK	18.91	18.97	19.01	20.00
	50	LOW	QPSK	18.75	19.04	18.90	20.00
10	1	LOW	Q16	18.88	18.93	18.88	20.00
		MID	Q16	18.94	19.00	18.87	20.00
		HIGH	Q16	19.01	18.91	18.96	20.00
	25	LOW	Q16	17.89	17.99	17.93	19.00
		MID	Q16	17.71	17.96	17.96	19.00
		HIGH	Q16	18.04	18.06	17.85	19.00
	50	LOW	Q16	17.94	17.73	17.68	19.00
10	1	LOW	64QAM	18.04	18.06	18.05	19.00
		MID	64QAM	18.07	18.05	18.27	19.00
		HIGH	64QAM	18.17	18.03	18.28	19.00
	25	LOW	64QAM	17.04	16.89	16.80	18.00
		MID	64QAM	17.02	17.00	17.05	18.00
		HIGH	64QAM	16.61	16.75	17.02	18.00
	50	LOW	64QAM	16.74	16.85	16.78	18.00

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.92	19.88	19.80	21.00
		MID	QPSK	19.68	19.82	20.07	21.00
		HIGH	QPSK	19.86	19.96	19.95	21.00
	36	LOW	QPSK	19.17	18.83	19.11	20.00
		MID	QPSK	18.96	18.81	18.60	20.00
		HIGH	QPSK	19.16	19.01	18.99	20.00
	75	LOW	QPSK	18.63	18.97	18.84	20.00
15	1	LOW	Q16	18.79	18.92	19.00	20.00
		MID	Q16	18.94	18.75	18.80	20.00
		HIGH	Q16	19.12	18.81	18.75	20.00
	36	LOW	Q16	18.06	17.92	17.87	19.00
		MID	Q16	17.79	18.00	17.91	19.00
		HIGH	Q16	18.07	17.87	18.01	19.00
	75	LOW	Q16	17.91	17.93	17.91	19.00
15	1	LOW	64QAM	18.12	18.08	18.16	19.00
		MID	64QAM	17.99	17.98	18.26	19.00
		HIGH	64QAM	17.96	18.12	18.12	19.00
	36	LOW	64QAM	16.83	17.02	16.72	18.00
		MID	64QAM	17.22	17.08	16.82	18.00
		HIGH	64QAM	16.73	16.62	16.99	18.00
	75	LOW	64QAM	16.62	16.74	16.88	18.00
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.97	19.91	19.77	21.00
		MID	QPSK	19.67	19.81	19.94	21.00
		HIGH	QPSK	19.94	19.93	19.88	21.00
	50	LOW	QPSK	19.02	18.92	19.03	20.00
		MID	QPSK	18.93	18.78	18.71	20.00
		HIGH	QPSK	19.01	19.06	19.08	20.00
	100	LOW	QPSK	18.78	18.89	18.95	20.00
20	1	LOW	Q16	18.92	18.98	18.95	20.00
		MID	Q16	18.92	18.87	18.88	20.00
		HIGH	Q16	18.97	18.84	18.83	20.00
	50	LOW	Q16	17.93	17.90	17.82	19.00
		MID	Q16	17.85	17.97	17.84	19.00
		HIGH	Q16	17.93	17.96	17.94	19.00
	100	LOW	Q16	17.89	17.86	17.79	19.00
20	1	LOW	64QAM	17.98	17.97	18.06	19.00
		MID	64QAM	17.96	18.02	18.13	19.00
		HIGH	64QAM	18.09	18.08	18.21	19.00
	50	LOW	64QAM	16.96	16.87	16.84	18.00
		MID	64QAM	17.09	16.95	16.91	18.00
		HIGH	64QAM	16.69	16.76	16.90	18.00
	100	LOW	64QAM	16.71	16.83	16.81	18.00

LTE B7-ANT4 LEVEL5&6(Only for ENDC)

Bandwidth	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.89	19.92	19.86	20.50
		MID	QPSK	19.66	19.94	19.96	20.50
		HIGH	QPSK	19.82	19.87	20.02	20.50
	12	LOW	QPSK	19.14	19.05	19.13	20.00
		MID	QPSK	18.89	18.66	18.85	20.00
		HIGH	QPSK	19.16	18.93	19.04	20.00
	25	LOW	QPSK	18.74	18.92	19.03	20.00
5	1	LOW	Q16	18.81	19.05	18.84	20.00
		MID	Q16	18.94	18.73	18.87	20.00
		HIGH	Q16	19.02	18.96	18.70	20.00
	12	LOW	Q16	18.01	18.02	17.81	19.00
		MID	Q16	17.87	17.83	17.87	19.00
		HIGH	Q16	17.93	18.09	17.81	19.00
	25	LOW	Q16	18.00	17.82	17.83	19.00
5	1	LOW	64QAM	18.02	17.82	18.21	19.00
		MID	64QAM	17.98	17.87	18.09	19.00
		HIGH	64QAM	18.09	18.02	18.06	19.00
	12	LOW	64QAM	16.91	16.96	16.70	18.00
		MID	64QAM	16.94	16.80	16.89	18.00
		HIGH	64QAM	16.75	16.90	16.79	18.00
	25	LOW	64QAM	16.83	16.72	16.96	18.00
Bandwidth	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.99	19.97	19.89	20.50
		MID	QPSK	19.62	19.71	19.91	20.50
		HIGH	QPSK	19.86	19.93	19.98	20.50
	25	LOW	QPSK	18.98	18.88	18.93	20.00
		MID	QPSK	19.01	18.66	18.59	20.00
		HIGH	QPSK	18.91	18.97	19.01	20.00
	50	LOW	QPSK	18.75	19.04	18.90	20.00
10	1	LOW	Q16	18.88	18.93	18.88	20.00
		MID	Q16	18.94	19.00	18.87	20.00
		HIGH	Q16	19.01	18.91	18.96	20.00
	25	LOW	Q16	17.89	17.99	17.93	19.00
		MID	Q16	17.71	17.96	17.96	19.00
		HIGH	Q16	18.04	18.06	17.85	19.00
	50	LOW	Q16	17.94	17.73	17.68	19.00
10	1	LOW	64QAM	18.04	18.06	18.05	19.00
		MID	64QAM	18.07	18.05	18.27	19.00
		HIGH	64QAM	18.17	18.03	18.28	19.00
	25	LOW	64QAM	17.04	16.89	16.80	18.00
		MID	64QAM	17.02	17.00	17.05	18.00
		HIGH	64QAM	16.61	16.75	17.02	18.00
	50	LOW	64QAM	16.74	16.85	16.78	18.00

Bandwidth	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.92	19.88	19.80	20.50
		MID	QPSK	19.68	19.82	20.07	20.50
		HIGH	QPSK	19.86	19.96	19.95	20.50
	36	LOW	QPSK	19.17	18.83	19.11	20.00
		MID	QPSK	18.96	18.81	18.60	20.00
		HIGH	QPSK	19.16	19.01	18.99	20.00
	75	LOW	QPSK	18.63	18.97	18.84	20.00
15	1	LOW	Q16	18.79	18.92	19.00	20.00
		MID	Q16	18.94	18.75	18.80	20.00
		HIGH	Q16	19.12	18.81	18.75	20.00
	36	LOW	Q16	18.06	17.92	17.87	19.00
		MID	Q16	17.79	18.00	17.91	19.00
		HIGH	Q16	18.07	17.87	18.01	19.00
	75	LOW	Q16	17.91	17.93	17.91	19.00
15	1	LOW	64QAM	18.12	18.08	18.16	19.00
		MID	64QAM	17.99	17.98	18.26	19.00
		HIGH	64QAM	17.96	18.12	18.12	19.00
	36	LOW	64QAM	16.83	17.02	16.72	18.00
		MID	64QAM	17.22	17.08	16.82	18.00
		HIGH	64QAM	16.73	16.62	16.99	18.00
	75	LOW	64QAM	16.62	16.74	16.88	18.00
Bandwidth	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.97	19.91	19.77	20.50
		MID	QPSK	19.67	19.81	19.94	20.50
		HIGH	QPSK	19.94	19.93	19.88	20.50
	50	LOW	QPSK	19.02	18.92	19.03	20.00
		MID	QPSK	18.93	18.78	18.71	20.00
		HIGH	QPSK	19.01	19.06	19.08	20.00
	100	LOW	QPSK	18.78	18.89	18.95	20.00
20	1	LOW	Q16	18.92	18.98	18.95	20.00
		MID	Q16	18.92	18.87	18.88	20.00
		HIGH	Q16	18.97	18.84	18.83	20.00
	50	LOW	Q16	17.93	17.90	17.82	19.00
		MID	Q16	17.85	17.97	17.84	19.00
		HIGH	Q16	17.93	17.96	17.94	19.00
	100	LOW	Q16	17.89	17.86	17.79	19.00
20	1	LOW	64QAM	17.98	17.97	18.06	19.00
		MID	64QAM	17.96	18.02	18.13	19.00
		HIGH	64QAM	18.09	18.08	18.21	19.00
	50	LOW	64QAM	16.96	16.87	16.84	18.00
		MID	64QAM	17.09	16.95	16.91	18.00
		HIGH	64QAM	16.69	16.76	16.90	18.00
	100	LOW	64QAM	16.71	16.83	16.81	18.00