8 CONDUCTED RF OUPUT POWER

8.1	GSM Output Power
8.2	WCDMA Output Power
8.3	LTE Output Power
8.3.1	LTE Band2 Output Power
8.3.2	LTE Band4 Output Power
8.3.3	LTE Band5 Output Power
8.3.4	LTE Band7 Output Power
8.3.5	LTE Band12 Output Power
8.3.6	LTE Band13 Output Power
8.3.7	LTE Band17 Output Power
8.3.8	LTE Band26 Output Power
8.3.9	LTE Band66 Output Power
8.3.10	LTE Band38 Output Power
8.3.11	LTE Band41 Output Power
8.4	Intra-Band Uplink CA Power
8.5	5G NR Output Power
8.5.1	NR Band5 Output Power
8.5.2	NR Band7 Output Power
8.5.3	NR Band38 Output Power
8.5.4	NR Band41 Output Power
8.5.5	NR Band66 Output Power

8.1 GSM Output Power

GSM-Full Power-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.69	32.67	32.55	33.00	23.32	23.29	23.17	23.81
GPRS (GMSK, 1-Slot)	32.69	32.67	32.55	33.00	23.32	23.29	23.17	23.81
GPRS (GMSK, 2-Slots)	30.41	29.72	29.31	30.50	23.24	22.54	22.13	23.37
GPRS (GMSK, 3-Slots)	27.37	27.13	27.23	28.50	22.82	22.71	22.82	23.58
GPRS (GMSK, 4-Slots)	26.17	26.25	26.03	27.50	22.58	22.67	22.51	23.32
EGPRS (8PSK, 1-Slot)	25.49	25.88	25.93	26.00	16.21	16.69	16.74	16.81
EGPRS (8PSK, 2-Slots)	22.47	23.32	23.67	24.00	17.14	17.79	17.93	17.87
EGPRS (8PSK, 3-Slots)	21.47	21.95	21.41	22.00	16.95	17.08	17.00	16.69
EGPRS (8PSK, 4-Slots)	20.27	20.84	20.57	21.00	16.72	17.13	17.00	16.69
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.11	29.27	29.23	30.00	20.58	20.69	20.67	20.81
GPRS (GMSK, 1-Slot)	29.09	29.12	29.03	30.00	20.57	20.63	20.50	20.81
GPRS (GMSK, 2-Slots)	27.39	27.39	27.39	28.50	20.82	20.82	20.82	21.37
GPRS (GMSK, 3-Slots)	25.65	24.97	24.69	26.50	20.55	20.03	20.07	21.08
GPRS (GMSK, 4-Slots)	23.92	23.79	23.63	25.50	20.42	20.17	19.94	20.81
EGPRS (8PSK, 1-Slot)	23.92	24.56	24.56	25.00	15.32	15.97	15.97	16.00
EGPRS (8PSK, 2-Slots)	20.73	23.63	23.55	25.00	17.08	17.65	17.65	16.87
EGPRS (8PSK, 3-Slots)	19.73	20.86	20.86	21.00	16.72	17.13	17.13	16.69
EGPRS (8PSK, 4-Slots)	21.17	21.88	21.81	23.00	16.95	16.75	16.69	16.69

GSM-State 17-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.58	32.47	32.38	33.00	23.32	23.23	23.17	23.81
GPRS (GMSK, 1-Slot)	32.58	32.47	32.38	33.00	23.32	23.23	23.17	23.81
GPRS (GMSK, 2-Slots)	30.41	29.72	29.31	30.50	23.24	22.54	22.13	23.37
GPRS (GMSK, 3-Slots)	27.37	27.13	27.23	28.50	22.82	22.71	22.82	23.58
GPRS (GMSK, 4-Slots)	26.17	26.25	26.03	27.50	22.58	22.67	22.51	23.32
EGPRS (8PSK, 1-Slot)	25.49	25.88	25.93	26.00	16.21	16.69	16.74	16.81
EGPRS (8PSK, 2-Slots)	22.47	23.32	23.67	24.00	17.14	17.79	17.93	17.87
EGPRS (8PSK, 3-Slots)	21.47	21.95	21.41	22.00	16.95	17.08	17.00	16.69
EGPRS (8PSK, 4-Slots)	20.27	20.84	20.57	21.00	16.72	17.13	17.00	16.69
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	27.60	27.75	27.67	28.00	18.60	18.67	18.60	18.81
GPRS (GMSK, 1-Slot)	27.62	27.77	27.68	28.00	18.62	18.67	18.61	18.81
GPRS (GMSK, 2-Slots)	25.86	25.86	25.86	27.00	18.86	18.86	18.86	19.37
GPRS (GMSK, 3-Slots)	23.89	23.82	23.38	25.00	18.55	18.62	18.05	19.08
GPRS (GMSK, 4-Slots)	22.58	22.57	22.28	23.50	18.57	18.52	18.31	19.32
EGPRS (8PSK, 1-Slot)	23.68	23.82	23.82	24.00	14.32	14.47	14.47	14.00
EGPRS (8PSK, 2-Slots)	20.87	23.84	23.16	23.00	17.08	17.21	17.00	17.37
EGPRS (8PSK, 3-Slots)	19.86	21.00	20.86	21.00	16.72	17.13	17.13	16.69
EGPRS (8PSK, 4-Slots)	20.58	20.58	20.48	21.00	16.38	17.00	17.00	17.00

GSM-State 18-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	31.82	31.65	31.60	32.00	22.63	22.49	22.73	22.81
GPRS (GMSK, 1-Slot)	31.82	31.65	31.60	32.00	22.63	22.49	22.73	22.81
GPRS (GMSK, 2-Slots)	29.67	28.83	28.91	29.50	22.51	21.71	22.62	22.37
GPRS (GMSK, 3-Slots)	26.12	26.03	25.18	27.00	21.57	21.71	21.77	22.08
GPRS (GMSK, 4-Slots)	25.10	25.03	24.79	26.00	21.58	21.68	20.92	21.32
EGPRS (8PSK, 1-Slots)	23.32	24.27	24.46	25.00	13.13	15.08	15.27	15.81
EGPRS (8PSK, 2-Slots)	22.44	23.39	23.28	23.00	15.05	16.10	16.16	16.87
EGPRS (8PSK, 3-Slots)	20.47	20.47	20.78	21.00	14.13	16.08	16.20	17.08
EGPRS (8PSK, 4-Slots)	19.27	19.27	19.59	20.00	14.00	15.00	15.20	16.69
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	25.35	25.52	25.75	26.00	15.60	15.67	15.61	15.81
GPRS (GMSK, 1-Slot)	25.80	25.80	25.75	26.00	15.61	15.67	15.60	15.81
GPRS (GMSK, 2-Slots)	23.86	23.86	23.86	25.00	16.86	16.86	16.86	17.37
GPRS (GMSK, 3-Slots)	22.25	22.53	19.48	23.50	16.55	16.91	13.62	15.08
GPRS (GMSK, 4-Slots)	19.77	19.97	19.72	21.50	16.57	16.75	16.52	17.32
EGPRS (8PSK, 1-Slots)	19.21	19.23	19.23	20.00	10.32	10.47	10.47	10.00
EGPRS (8PSK, 2-Slots)	18.21	19.23	18.38	19.00	12.08	12.29	12.25	12.87
EGPRS (8PSK, 3-Slots)	16.47	16.47	16.78	17.00	12.00	12.00	12.20	12.08
EGPRS (8PSK, 4-Slots)	16.17	16.59	16.08	17.00	12.00	12.66	12.20	13.08

GSM-State 19-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.69	32.67	32.56	33.00	23.32	23.29	23.17	23.81
GPRS (GMSK, 1-Slot)	32.69	32.67	32.56	33.00	23.32	23.29	23.17	23.81
GPRS (GMSK, 2-Slots)	30.42	29.72	29.31	30.50	23.24	22.54	22.13	23.37
GPRS (GMSK, 3-Slots)	27.22	27.12	27.05	28.50	22.82	22.71	22.64	23.58
GPRS (GMSK, 4-Slots)	26.17	26.22	26.03	27.50	22.58	22.67	22.51	23.32
EGPRS (8PSK, 1-Slots)	25.45	25.86	25.93	26.00	16.21	16.69	16.74	16.81
EGPRS (8PSK, 2-Slots)	23.21	23.32	23.67	24.00	17.14	17.79	17.93	17.87
EGPRS (8PSK, 3-Slots)	21.47	21.92	21.51	22.00	16.95	17.08	17.00	16.69
EGPRS (8PSK, 4-Slots)	20.27	20.84	20.57	21.00	16.72	17.13	17.00	16.69
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	25.35	25.52	25.75	26.00	15.60	15.67	15.61	15.81
GPRS (GMSK, 1-Slot)	25.80	25.80	25.75	26.00	15.61	15.67	15.60	15.81
GPRS (GMSK, 2-Slots)	23.86	23.86	23.86	25.00	16.86	16.86	16.86	17.37
GPRS (GMSK, 3-Slots)	22.25	22.53	19.48	23.50	16.55	16.91	13.62	15.08
GPRS (GMSK, 4-Slots)	19.77	19.97	19.72	21.50	16.57	16.75	16.52	17.32
EGPRS (8PSK, 1-Slots)	19.21	19.23	19.23	20.00	10.32	10.47	10.47	10.00
EGPRS (8PSK, 2-Slots)	18.21	19.23	18.38	19.00	12.08	12.29	12.25	12.87
EGPRS (8PSK, 3-Slots)	16.47	16.47	16.78	17.00	12.00	12.00	12.20	12.08
EGPRS (8PSK, 4-Slots)	16.17	16.59	16.08	17.00	12.00	12.66	12.20	13.08

GSM-State 20-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	29.71	29.13	28.39	29.50	20.52	19.94	20.22	20.31
GPRS (GMSK, 1-Slot)	29.71	29.13	28.39	29.50	20.52	19.94	20.22	20.31
GPRS (GMSK, 2-Slots)	26.16	25.37	25.37	27.00	20.56	20.24	20.21	20.87
GPRS (GMSK, 3-Slots)	23.20	23.09	23.32	25.00	19.65	19.45	19.42	20.58
GPRS (GMSK, 4-Slots)	22.21	22.72	22.32	24.00	19.64	19.93	19.62	20.32
EGPRS (8PSK, 1-Slots)	21.24	21.23	21.18	22.00	12.04	11.97	12.31	12.31
EGPRS (8PSK, 2-Slots)	19.15	19.18	19.37	20.00	13.05	13.03	13.21	12.87
EGPRS (8PSK, 3-Slots)	17.75	17.23	17.40	19.00	12.36	12.13	12.42	12.08
EGPRS (8PSK, 4-Slots)	16.75	17.23	17.40	18.00	12.36	12.13	12.42	12.08
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	22.05	22.41	22.32	22.50	12.95	13.23	13.05	13.31
GPRS (GMSK, 1-Slot)	22.05	22.62	22.16	22.50	12.95	13.23	12.97	13.31
GPRS (GMSK, 2-Slots)	20.37	20.37	20.37	21.50	13.37	13.37	13.37	13.87
GPRS (GMSK, 3-Slots)	18.87	17.83	17.85	19.50	13.50	13.41	13.41	13.58
GPRS (GMSK, 4-Slots)	18.32	18.42	18.32	19.50	13.29	13.41	13.32	13.58
EGPRS (8PSK, 1-Slots)	16.47	17.42	17.42	18.00	8.97	9.97	9.97	9.31
EGPRS (8PSK, 2-Slots)	16.74	16.85	16.85	17.00	10.67	10.58	10.37	10.87
EGPRS (8PSK, 3-Slots)	15.58	15.58	15.58	16.00	10.58	10.58	10.58	10.08
EGPRS (8PSK, 4-Slots)	16.58	15.77	15.58	16.00	10.58	11.08	10.58	10.08

GSM-Full Power-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.12	32.84	33.37	33.50	23.51	23.83	24.19	24.31
GPRS (GMSK, 1-Slot)	32.05	32.85	33.25	33.50	23.50	23.85	24.07	24.31
GPRS (GMSK, 2-Slots)	29.79	30.03	29.71	31.00	23.60	23.84	23.58	25.07
GPRS (GMSK, 3-Slots)	27.27	27.39	27.49	28.50	22.82	22.93	23.07	24.08
GPRS (GMSK, 4-Slots)	26.07	26.09	26.23	28.00	22.58	22.60	22.83	24.82
EGPRS (8PSK, 1-Slots)	25.03	25.37	25.37	26.00	16.21	16.55	16.55	16.81
EGPRS (8PSK, 2-Slots)	23.03	23.87	23.78	24.00	17.21	17.65	17.65	17.87
EGPRS (8PSK, 3-Slots)	22.16	21.51	21.80	22.00	17.13	17.09	17.33	16.58
EGPRS (8PSK, 4-Slots)	20.75	20.83	21.36	22.00	17.07	17.03	16.75	16.58
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	28.27	28.41	28.48	29.00	18.77	18.91	19.00	20.31
GPRS (GMSK, 1-Slot)	28.27	28.15	28.23	29.00	18.88	18.65	18.83	20.31
GPRS (GMSK, 2-Slots)	26.37	26.23	26.20	28.00	20.03	19.73	19.71	20.87
GPRS (GMSK, 3-Slots)	24.59	24.56	24.56	26.00	20.05	20.13	19.93	20.58
GPRS (GMSK, 4-Slots)	23.58	23.71	23.63	25.00	19.92	20.05	19.83	20.32
EGPRS (8PSK, 1-Slots)	21.47	21.47	21.47	22.00	11.97	11.97	11.97	12.31
EGPRS (8PSK, 2-Slots)	21.47	21.47	21.47	22.00	13.37	13.37	13.37	12.87
EGPRS (8PSK, 3-Slots)	20.47	20.47	20.47	21.00	12.58	12.58	12.58	12.08
EGPRS (8PSK, 4-Slots)	19.47	19.59	19.59	21.00	12.66	12.66	12.66	12.08

GSM-State 17-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.12	32.84	33.37	33.50	23.51	23.83	24.19	24.31
GPRS (GMSK, 1-Slot)	32.05	32.85	33.25	33.50	23.50	23.85	24.07	24.31
GPRS (GMSK, 2-Slots)	29.79	30.03	29.71	31.00	23.60	23.84	23.58	25.07
GPRS (GMSK, 3-Slots)	27.27	27.39	27.49	28.50	22.82	22.93	23.07	24.08
GPRS (GMSK, 4-Slots)	26.07	26.09	26.23	28.00	22.58	22.60	22.83	24.82
EGPRS (8PSK, 1-Slots)	25.03	25.37	25.37	26.00	16.21	16.55	16.55	16.81
EGPRS (8PSK, 2-Slots)	23.03	23.87	23.78	24.00	17.21	17.65	17.65	17.87
EGPRS (8PSK, 3-Slots)	22.16	21.51	21.80	22.00	17.13	17.09	17.33	16.58
EGPRS (8PSK, 4-Slots)	20.75	20.83	21.36	22.00	17.07	17.03	16.75	16.58
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	28.27	28.41	28.48	29.00	18.77	18.91	19.00	20.31
GPRS (GMSK, 1-Slot)	28.27	28.15	28.23	29.00	18.88	18.65	18.83	20.31
GPRS (GMSK, 2-Slots)	26.37	26.23	26.20	28.00	20.03	19.73	19.71	20.87
GPRS (GMSK, 3-Slots)	24.59	24.56	24.56	26.00	20.05	20.13	19.93	20.58
GPRS (GMSK, 4-Slots)	23.58	23.71	23.63	25.00	19.92	20.05	19.83	20.32
EGPRS (8PSK, 1-Slots)	21.47	21.47	21.47	22.00	11.97	11.97	11.97	12.31
EGPRS (8PSK, 2-Slots)	21.47	21.47	21.47	22.00	13.37	13.37	13.37	12.87
EGPRS (8PSK, 3-Slots)	20.47	20.47	20.47	21.00	12.58	12.58	12.58	12.08
EGPRS (8PSK, 4-Slots)	19.47	19.59	19.59	21.00	12.66	12.66	12.66	12.08

GSM-State 18-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.12	32.63	33.07	33.00	23.51	23.65	24.19	24.31
GPRS (GMSK, 1-Slot)	32.05	32.65	33.25	33.00	23.50	23.65	24.07	24.31
GPRS (GMSK, 2-Slots)	29.79	30.03	29.71	31.00	23.60	23.84	23.58	25.07
GPRS (GMSK, 3-Slots)	27.27	27.39	27.49	28.00	22.82	22.93	23.07	24.08
GPRS (GMSK, 4-Slots)	26.07	26.09	26.23	28.00	22.58	22.60	22.83	24.82
EGPRS (8PSK, 1-Slots)	25.03	25.37	25.37	26.00	16.21	16.55	16.55	16.81
EGPRS (8PSK, 2-Slots)	23.03	23.87	23.78	24.00	17.21	17.65	17.65	17.87
EGPRS (8PSK, 3-Slots)	22.16	21.51	21.80	22.00	17.13	17.09	17.33	16.58
EGPRS (8PSK, 4-Slots)	20.75	20.83	21.36	22.00	17.07	17.03	16.75	16.58
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	28.27	28.41	28.48	29.00	18.77	18.91	19.00	20.31
GPRS (GMSK, 1-Slot)	28.27	28.15	28.23	29.00	18.88	18.65	18.83	20.31
GPRS (GMSK, 2-Slots)	26.37	26.23	26.20	28.00	20.03	19.73	19.71	20.87
GPRS (GMSK, 3-Slots)	24.59	24.56	24.56	26.00	20.05	20.13	19.93	20.58
GPRS (GMSK, 4-Slots)	23.58	23.71	23.63	25.00	19.92	20.05	19.83	20.32
EGPRS (8PSK, 1-Slots)	21.47	21.47	21.47	22.00	11.97	11.97	11.97	12.31
EGPRS (8PSK, 2-Slots)	21.47	21.47	21.47	22.00	13.37	13.37	13.37	12.87
EGPRS (8PSK, 3-Slots)	20.47	20.47	20.47	21.00	12.58	12.58	12.58	12.08
EGPRS (8PSK, 4-Slots)	19.47	19.59	19.59	21.00	12.66	12.66	12.66	12.08

GSM-State 19-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.12	32.84	33.37	33.50	23.51	23.83	24.19	24.31
GPRS (GMSK, 1-Slot)	32.05	32.85	33.25	33.50	23.50	23.85	24.07	24.31
GPRS (GMSK, 2-Slots)	29.79	30.03	29.71	31.00	23.60	23.84	23.58	25.07
GPRS (GMSK, 3-Slots)	27.27	27.39	27.49	28.50	22.82	22.93	23.07	24.08
GPRS (GMSK, 4-Slots)	26.07	26.09	26.23	28.00	22.58	22.60	22.83	24.82
EGPRS (8PSK, 1-Slots)	25.03	25.37	25.37	26.00	16.21	16.55	16.55	16.81
EGPRS (8PSK, 2-Slots)	23.03	23.87	23.78	24.00	17.21	17.65	17.65	17.87
EGPRS (8PSK, 3-Slots)	22.16	21.51	21.80	22.00	17.13	17.09	17.33	16.58
EGPRS (8PSK, 4-Slots)	20.75	20.83	21.36	22.00	17.07	17.03	16.75	16.58
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	27.28	27.47	27.48	27.50	18.08	18.28	18.28	18.31
GPRS (GMSK, 1-Slot)	27.41	27.31	27.55	27.50	17.62	18.12	18.15	18.31
GPRS (GMSK, 2-Slots)	25.23	25.11	24.18	25.50	18.73	18.62	18.12	19.37
GPRS (GMSK, 3-Slots)	22.83	22.92	22.61	23.50	18.51	18.66	18.16	18.58
GPRS (GMSK, 4-Slots)	21.92	21.92	21.92	23.50	18.42	18.42	18.42	19.32
EGPRS (8PSK, 1-Slots)	21.78	21.78	21.78	22.00	10.97	10.97	10.97	10.31
EGPRS (8PSK, 2-Slots)	21.80	21.78	21.78	22.00	12.57	12.41	12.69	12.37
EGPRS (8PSK, 3-Slots)	20.00	20.00	20.00	21.00	12.00	12.00	12.00	12.08
EGPRS (8PSK, 4-Slots)	19.85	19.92	19.75	20.50	18.92	18.66	18.57	17.32

GSM-State 20-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.12	32.84	33.37	33.50	23.51	23.83	24.19	24.31
GPRS (GMSK, 1-Slot)	32.05	32.85	33.25	33.50	23.50	23.85	24.07	24.31
GPRS (GMSK, 2-Slots)	29.79	30.03	29.71	31.00	23.60	23.84	23.58	25.07
GPRS (GMSK, 3-Slots)	27.27	27.39	27.49	28.50	22.82	22.93	23.07	24.08
GPRS (GMSK, 4-Slots)	26.07	26.09	26.23	28.00	22.58	22.60	22.83	24.82
EGPRS (8PSK, 1-Slots)	25.03	25.37	25.37	26.00	16.21	16.55	16.55	16.81
EGPRS (8PSK, 2-Slots)	23.03	23.87	23.78	24.00	17.21	17.65	17.65	17.87
EGPRS (8PSK, 3-Slots)	22.16	21.51	21.80	22.00	17.13	17.09	17.33	16.58
EGPRS (8PSK, 4-Slots)	20.75	20.83	21.36	22.00	17.07	17.03	16.75	16.58
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power(dBm)	Frame Averaged power			Tune-up Power(dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	28.27	28.41	28.48	29.00	18.77	18.91	19.00	20.31
GPRS (GMSK, 1-Slot)	28.27	28.15	28.23	29.00	18.88	18.65	18.83	20.31
GPRS (GMSK, 2-Slots)	26.37	26.23	26.20	28.00	20.03	19.73	19.71	20.87
GPRS (GMSK, 3-Slots)	24.59	24.56	24.56	26.00	20.05	20.13	19.93	20.58
GPRS (GMSK, 4-Slots)	23.58	23.71	23.63	25.00	19.92	20.05	19.83	20.32
EGPRS (8PSK, 1-Slots)	21.47	21.47	21.47	22.00	11.97	11.97	11.97	12.31
EGPRS (8PSK, 2-Slots)	21.47	21.47	21.47	22.00	13.37	13.37	13.37	12.87
EGPRS (8PSK, 3-Slots)	20.47	20.47	20.47	21.00	12.58	12.58	12.58	12.08
EGPRS (8PSK, 4-Slots)	19.47	19.59	19.59	21.00	12.66	12.66	12.66	12.08

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	22.72	**22.74**	22.73	23.50
HSDPA Subtest-1	22.26	22.23	22.38	23.00
HSDPA Subtest-2	22.20	22.27	22.26	23.00
HSDPA Subtest-3	21.21	21.23	21.10	22.10
HSDPA Subtest-4	21.27	21.20	21.15	22.10
HSUPA Subtest-1	21.85	21.92	21.81	23.00
HSUPA Subtest-2	19.69	19.73	19.59	20.70
HSUPA Subtest-3	20.79	20.72	20.85	21.70
HSUPA Subtest-4	19.53	19.66	19.56	20.70
HSUPA Subtest-5	22.34	22.20	22.29	23.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	22.87	22.90	22.81	23.50
HSDPA Subtest-1	22.80	22.87	22.79	23.50
HSDPA Subtest-2	22.86	**22.94**	**22.94**	23.50
HSDPA Subtest-3	22.32	22.39	22.46	23.00
HSDPA Subtest-4	22.47	22.39	22.34	23.00
HSUPA Subtest-1	22.42	22.33	22.46	22.80
HSUPA Subtest-2	19.76	19.89	19.76	20.80
HSUPA Subtest-3	20.74	20.89	20.90	21.80
HSUPA Subtest-4	19.72	19.84	19.84	20.80
HSUPA Subtest-5	22.88	22.86	22.73	23.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.43	**23.49**	23.35	24.00
HSDPA Subtest-1	22.34	22.41	22.38	23.10
HSDPA Subtest-2	22.35	22.44	22.42	23.10
HSDPA Subtest-3	22.00	21.94	21.98	22.60
HSDPA Subtest-4	21.83	21.91	21.95	22.60
HSUPA Subtest-1	22.34	22.45	22.39	23.10
HSUPA Subtest-2	19.46	19.48	19.44	20.10
HSUPA Subtest-3	19.44	19.41	19.46	20.10
HSUPA Subtest-4	19.32	19.43	19.37	20.10
HSUPA Subtest-5	22.45	22.45	22.33	23.10

WCDMA-State 17-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	18.10	**18.16**	18.14	19.00
HSDPA Subtest-1	17.72	17.65	17.55	18.50
HSDPA Subtest-2	17.68	17.67	17.61	18.50
HSDPA Subtest-3	16.75	16.61	16.72	17.60
HSDPA Subtest-4	16.49	16.60	16.45	17.60
HSUPA Subtest-1	17.70	17.62	17.47	18.50
HSUPA Subtest-2	15.04	15.15	15.09	16.20
HSUPA Subtest-3	16.18	16.22	16.08	17.20
HSUPA Subtest-4	15.13	15.20	15.15	16.20
HSUPA Subtest-5	17.54	17.64	17.53	18.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	19.33	19.38	19.28	20.00
HSDPA Subtest-1	19.34	19.41	19.28	20.00
HSDPA Subtest-2	19.42	19.38	19.38	20.00
HSDPA Subtest-3	18.91	18.91	18.95	19.50
HSDPA Subtest-4	18.90	18.87	18.90	19.50
HSUPA Subtest-1	18.49	18.50	18.62	19.30
HSUPA Subtest-2	16.44	16.42	16.27	17.30
HSUPA Subtest-3	17.43	17.38	17.34	18.30
HSUPA Subtest-4	16.48	16.38	16.44	17.30
HSUPA Subtest-5	19.45	19.43	**19.47**	20.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.43	**23.49**	23.35	24.00
HSDPA Subtest-1	22.34	22.41	22.38	23.10
HSDPA Subtest-2	22.35	22.44	22.42	23.10
HSDPA Subtest-3	22.00	21.94	21.98	22.60
HSDPA Subtest-4	21.83	21.91	21.95	22.60
HSUPA Subtest-1	22.34	**22.45**	22.39	23.10
HSUPA Subtest-2	19.46	19.48	19.44	20.10
HSUPA Subtest-3	19.44	19.41	19.46	20.10
HSUPA Subtest-4	19.32	19.43	19.37	20.10
HSUPA Subtest-5	**22.45**	**22.45**	22.33	23.10

WCDMA-State 18-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	**15.72**	**15.72**	15.66	16.50
HSDPA Subtest-1	15.17	15.19	15.20	16.00
HSDPA Subtest-2	15.24	15.19	15.14	16.00
HSDPA Subtest-3	14.18	14.19	14.14	15.10
HSDPA Subtest-4	14.24	14.17	14.07	15.10
HSUPA Subtest-1	15.21	15.18	15.33	16.00
HSUPA Subtest-2	12.68	12.77	12.77	13.70
HSUPA Subtest-3	13.58	13.71	13.86	14.70
HSUPA Subtest-4	12.70	12.73	12.88	13.70
HSUPA Subtest-5	15.22	15.18	15.31	16.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	15.84	15.90	15.81	16.50
HSDPA Subtest-1	15.90	15.94	15.91	16.50
HSDPA Subtest-2	15.95	15.96	15.94	16.50
HSDPA Subtest-3	15.44	15.42	15.30	16.00
HSDPA Subtest-4	15.40	15.41	15.38	16.00
HSUPA Subtest-1	14.91	15.05	14.95	15.80
HSUPA Subtest-2	12.85	12.95	13.00	13.80
HSUPA Subtest-3	13.83	13.87	13.81	14.80
HSUPA Subtest-4	12.91	12.87	12.78	13.80
HSUPA Subtest-5	**15.97**	15.92	15.85	16.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	21.92	**21.97**	21.84	22.50
HSDPA Subtest-1	20.97	20.94	20.91	21.60
HSDPA Subtest-2	20.97	20.94	20.79	21.60
HSDPA Subtest-3	20.45	20.45	20.32	21.10
HSDPA Subtest-4	20.44	20.42	20.28	21.10
HSUPA Subtest-1	20.99	20.92	20.82	21.60
HSUPA Subtest-2	17.84	17.95	17.87	18.60
HSUPA Subtest-3	17.94	17.99	17.92	18.60
HSUPA Subtest-4	17.79	17.94	17.95	18.60
HSUPA Subtest-5	20.90	20.97	20.89	21.60

WCDMA-State 19-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.08	1907.60	
RMC 12.2Kbps	16.72	**16.74**	16.73	17.50
HSDPA Subtest-1	16.28	16.24	16.36	17.00
HSDPA Subtest-2	16.36	16.24	16.10	17.00
HSDPA Subtest-3	15.19	15.25	15.33	16.10
HSDPA Subtest-4	15.09	15.24	15.30	16.10
HSUPA Subtest-1	16.26	16.21	16.31	17.00
HSUPA Subtest-2	13.66	13.73	13.72	14.70
HSUPA Subtest-3	14.68	14.77	14.90	15.70
HSUPA Subtest-4	13.74	13.68	13.53	14.70
HSUPA Subtest-5	16.20	16.20	16.33	17.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	17.38	17.42	17.35	18.00
HSDPA Subtest-1	17.28	17.41	17.27	18.00
HSDPA Subtest-2	17.43	17.43	17.34	18.00
HSDPA Subtest-3	16.84	16.92	16.97	17.50
HSDPA Subtest-4	16.98	16.93	16.99	17.50
HSUPA Subtest-1	16.49	16.49	16.46	17.30
HSUPA Subtest-2	14.45	14.38	14.41	15.30
HSUPA Subtest-3	15.43	15.47	15.37	16.30
HSUPA Subtest-4	14.42	14.46	14.48	15.30
HSUPA Subtest-5	**17.49**	17.43	17.33	18.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	21.92	**21.97**	21.84	22.50
HSDPA Subtest-1	20.97	20.94	20.91	21.60
HSDPA Subtest-2	20.97	20.94	20.79	21.60
HSDPA Subtest-3	20.45	20.45	20.32	21.10
HSDPA Subtest-4	20.44	20.42	20.28	21.10
HSUPA Subtest-1	20.99	20.92	20.82	21.60
HSUPA Subtest-2	17.84	17.95	17.87	18.60
HSUPA Subtest-3	17.94	17.99	17.92	18.60
HSUPA Subtest-4	17.79	17.94	17.95	18.60
HSUPA Subtest-5	20.90	20.97	20.89	21.60

WCDMA-State 20Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	14.19	**14.21**	14.18	15.00
HSDPA Subtest-1	13.66	13.69	13.65	14.50
HSDPA Subtest-2	13.61	13.71	13.77	14.50
HSDPA Subtest-3	12.82	12.70	12.70	13.60
HSDPA Subtest-4	12.62	12.69	12.64	13.60
HSUPA Subtest-1	13.57	13.61	13.73	14.50
HSUPA Subtest-2	11.10	11.16	11.07	12.20
HSUPA Subtest-3	12.04	12.15	12.23	13.20
HSUPA Subtest-4	11.27	11.22	11.10	12.20
HSUPA Subtest-5	13.59	13.70	13.76	14.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	14.39	14.41	14.32	15.00
HSDPA Subtest-1	14.28	14.43	14.46	15.00
HSDPA Subtest-2	14.46	14.45	**14.48**	15.00
HSDPA Subtest-3	13.96	13.93	13.95	14.50
HSDPA Subtest-4	13.79	13.93	13.98	14.50
HSUPA Subtest-1	13.45	13.53	13.45	14.30
HSUPA Subtest-2	11.46	11.41	11.35	12.30
HSUPA Subtest-3	12.35	12.38	12.24	13.30
HSUPA Subtest-4	11.33	11.39	11.40	12.30
HSUPA Subtest-5	14.37	14.39	14.40	15.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	19.35	**19.46**	19.30	20.00
HSDPA Subtest-1	18.31	18.40	18.25	19.10
HSDPA Subtest-2	18.38	18.40	18.32	19.10
HSDPA Subtest-3	17.91	17.91	17.90	18.60
HSDPA Subtest-4	17.98	17.89	17.89	18.60
HSUPA Subtest-1	18.50	18.44	18.43	19.10
HSUPA Subtest-2	15.33	15.44	15.46	16.10
HSUPA Subtest-3	15.37	15.39	15.35	16.10
HSUPA Subtest-4	15.38	15.45	15.32	16.10
HSUPA Subtest-5	18.49	18.38	18.27	19.10

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.49	**23.51**	23.35	24.00
HSDPA Subtest-1	22.94	23.04	23.14	23.50
HSDPA Subtest-2	22.92	23.04	23.00	23.50
HSDPA Subtest-3	22.08	22.01	21.94	22.60
HSDPA Subtest-4	22.08	22.01	22.15	22.60
HSUPA Subtest-1	22.95	22.99	22.92	23.50
HSUPA Subtest-2	20.48	20.52	20.55	21.20
HSUPA Subtest-3	21.58	21.50	21.59	22.20
HSUPA Subtest-4	20.58	20.59	20.64	21.20
HSUPA Subtest-5	22.87	23.01	22.96	23.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.50	23.53	23.46	24.00
HSDPA Subtest-1	23.53	23.54	23.62	24.00
HSDPA Subtest-2	23.43	23.55	**23.63**	24.00
HSDPA Subtest-3	22.87	23.01	22.89	23.50
HSDPA Subtest-4	23.08	23.02	22.95	23.50
HSUPA Subtest-1	22.75	22.85	22.76	23.30
HSUPA Subtest-2	20.72	20.61	20.71	21.30
HSUPA Subtest-3	21.45	21.54	21.57	22.30
HSUPA Subtest-4	20.62	20.57	20.59	21.30
HSUPA Subtest-5	23.57	23.51	23.59	24.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.86	**23.94**	23.77	24.50
HSDPA Subtest-1	22.82	22.84	22.92	23.60
HSDPA Subtest-2	23.02	22.89	22.93	23.60
HSDPA Subtest-3	22.33	22.34	22.38	23.10
HSDPA Subtest-4	22.24	22.33	22.45	23.10
HSUPA Subtest-1	22.73	22.85	22.99	23.60
HSUPA Subtest-2	19.96	19.84	19.99	20.60
HSUPA Subtest-3	19.84	19.83	19.86	20.60
HSUPA Subtest-4	19.94	19.84	19.93	20.60
HSUPA Subtest-5	22.98	22.83	22.90	23.60

WCDMA-State 17-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	18.93	**18.97**	18.75	19.50
HSDPA Subtest-1	18.32	18.44	18.46	19.00
HSDPA Subtest-2	18.38	18.47	18.38	19.00
HSDPA Subtest-3	17.47	17.46	17.49	18.10
HSDPA Subtest-4	17.47	17.45	17.40	18.10
HSUPA Subtest-1	18.63	18.50	18.57	19.00
HSUPA Subtest-2	15.88	15.97	15.87	16.70
HSUPA Subtest-3	17.05	16.97	17.03	17.70
HSUPA Subtest-4	15.85	15.99	15.99	16.70
HSUPA Subtest-5	18.37	18.48	18.63	19.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	20.96	20.96	20.91	21.50
HSDPA Subtest-1	**21.03**	21.01	20.96	21.50
HSDPA Subtest-2	**21.03**	21.02	20.92	21.50
HSDPA Subtest-3	20.47	20.51	20.64	21.00
HSDPA Subtest-4	20.36	20.51	20.56	21.00
HSUPA Subtest-1	20.71	20.76	20.62	20.80
HSUPA Subtest-2	18.09	17.95	17.98	18.80
HSUPA Subtest-3	19.09	18.94	18.80	19.80
HSUPA Subtest-4	18.09	18.00	17.91	18.80
HSUPA Subtest-5	20.97	21.02	20.89	21.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.86	**23.94**	23.77	24.50
HSDPA Subtest-1	22.82	22.84	22.92	23.60
HSDPA Subtest-2	**23.02**	22.89	22.93	23.60
HSDPA Subtest-3	22.33	22.34	22.38	23.10
HSDPA Subtest-4	22.24	22.33	22.45	23.10
HSUPA Subtest-1	22.73	22.85	22.99	23.60
HSUPA Subtest-2	19.96	19.84	19.99	20.60
HSUPA Subtest-3	19.84	19.83	19.86	20.60
HSUPA Subtest-4	19.94	19.84	19.93	20.60
HSUPA Subtest-5	22.98	22.83	22.90	23.60

WCDMA-State 18-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.08	1907.60	
RMC 12.2Kbps	23.49	**23.51**	23.35	24.00
HSDPA Subtest-1	22.94	23.04	**23.14**	23.50
HSDPA Subtest-2	22.92	23.04	23.00	23.50
HSDPA Subtest-3	22.08	22.01	21.94	22.60
HSDPA Subtest-4	22.08	22.01	22.15	22.60
HSUPA Subtest-1	22.95	22.99	22.92	23.50
HSUPA Subtest-2	20.48	20.52	20.55	21.20
HSUPA Subtest-3	21.58	21.50	21.59	22.20
HSUPA Subtest-4	20.58	20.59	20.64	21.20
HSUPA Subtest-5	22.87	23.01	22.96	23.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.50	23.53	23.46	24.00
HSDPA Subtest-1	23.53	23.54	23.62	24.00
HSDPA Subtest-2	23.43	23.55	**23.63**	24.00
HSDPA Subtest-3	22.87	23.01	22.89	23.50
HSDPA Subtest-4	23.08	23.02	22.95	23.50
HSUPA Subtest-1	22.75	22.85	22.76	23.30
HSUPA Subtest-2	20.72	20.61	20.71	21.30
HSUPA Subtest-3	21.45	21.54	21.57	22.30
HSUPA Subtest-4	20.62	20.57	20.59	21.30
HSUPA Subtest-5	23.57	23.51	23.59	24.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.86	**23.94**	23.77	24.50
HSDPA Subtest-1	22.82	22.84	22.92	23.60
HSDPA Subtest-2	**23.02**	22.89	22.93	23.60
HSDPA Subtest-3	22.33	22.34	22.38	23.10
HSDPA Subtest-4	22.24	22.33	22.45	23.10
HSUPA Subtest-1	22.73	22.85	22.99	23.60
HSUPA Subtest-2	19.96	19.84	19.99	20.60
HSUPA Subtest-3	19.84	19.83	19.86	20.60
HSUPA Subtest-4	19.94	19.84	19.93	20.60
HSUPA Subtest-5	22.98	22.83	22.90	23.60

WCDMA-State 19-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	17.42	**17.47**	17.28	18.00
HSDPA Subtest-1	16.95	16.96	17.03	17.50
HSDPA Subtest-2	17.08	16.99	16.99	17.50
HSDPA Subtest-3	15.87	15.98	16.01	16.60
HSDPA Subtest-4	16.05	15.96	15.94	16.60
HSUPA Subtest-1	17.11	17.04	17.07	17.50
HSUPA Subtest-2	14.41	14.49	14.35	15.20
HSUPA Subtest-3	15.32	15.46	15.59	16.20
HSUPA Subtest-4	14.46	14.53	14.42	15.20
HSUPA Subtest-5	17.06	16.95	17.05	17.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	17.96	17.97	17.91	18.50
HSDPA Subtest-1	18.00	17.98	**18.1**	18.50
HSDPA Subtest-2	17.88	17.98	18.02	18.50
HSDPA Subtest-3	17.49	17.46	17.46	18.00
HSDPA Subtest-4	17.58	17.49	17.34	18.00
HSUPA Subtest-1	17.06	17.06	17.00	17.80
HSUPA Subtest-2	14.81	14.94	14.98	15.80
HSUPA Subtest-3	15.87	15.87	15.97	16.80
HSUPA Subtest-4	15.10	15.00	15.03	15.80
HSUPA Subtest-5	17.83	17.98	18.06	18.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.86	**23.94**	23.77	24.50
HSDPA Subtest-1	22.82	22.84	22.92	23.60
HSDPA Subtest-2	**23.02**	22.89	22.93	23.60
HSDPA Subtest-3	22.33	22.34	22.38	23.10
HSDPA Subtest-4	22.24	22.33	22.45	23.10
HSUPA Subtest-1	22.73	22.85	22.99	23.60
HSUPA Subtest-2	19.96	19.84	19.99	20.60
HSUPA Subtest-3	19.84	19.83	19.86	20.60
HSUPA Subtest-4	19.94	19.84	19.93	20.60
HSUPA Subtest-5	22.98	22.83	22.90	23.60

WCDMA-State 20-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.49	**23.51**	23.35	24.00
HSDPA Subtest-1	22.94	23.04	**23.14**	23.50
HSDPA Subtest-2	22.92	23.04	23.00	23.50
HSDPA Subtest-3	22.08	22.01	21.94	22.60
HSDPA Subtest-4	22.08	22.01	22.15	22.60
HSUPA Subtest-1	22.95	22.99	22.92	23.50
HSUPA Subtest-2	20.48	20.52	20.55	21.20
HSUPA Subtest-3	21.58	21.50	21.59	22.20
HSUPA Subtest-4	20.58	20.59	20.64	21.20
HSUPA Subtest-5	22.87	23.01	22.96	23.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.50	23.53	23.46	24.00
HSDPA Subtest-1	23.53	23.54	23.62	24.00
HSDPA Subtest-2	23.43	23.55	**23.63**	24.00
HSDPA Subtest-3	22.87	23.01	22.89	23.50
HSDPA Subtest-4	23.08	23.02	22.95	23.50
HSUPA Subtest-1	22.75	22.85	22.76	23.30
HSUPA Subtest-2	20.72	20.61	20.71	21.30
HSUPA Subtest-3	21.45	21.54	21.57	22.30
HSUPA Subtest-4	20.62	20.57	20.59	21.30
HSUPA Subtest-5	23.57	23.51	23.59	24.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.86	**23.94**	23.77	24.50
HSDPA Subtest-1	22.82	22.84	22.92	23.60
HSDPA Subtest-2	**23.02**	22.89	22.93	23.60
HSDPA Subtest-3	22.33	22.34	22.38	23.10
HSDPA Subtest-4	22.24	22.33	22.45	23.10
HSUPA Subtest-1	22.73	22.85	22.99	23.60
HSUPA Subtest-2	19.96	19.84	19.99	20.60
HSUPA Subtest-3	19.84	19.83	19.86	20.60
HSUPA Subtest-4	19.94	19.84	19.93	20.60
HSUPA Subtest-5	22.98	22.83	22.90	23.60

8.3.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.87	21.86	21.60	23.50
		MID	QPSK	21.90	21.90	21.67	23.50
		HIGH	QPSK	21.88	21.91	21.58	23.50
	3	LOW	QPSK	**21.94**	21.83	21.65	23.50
		MID	QPSK	21.86	21.87	21.62	23.50
		HIGH	QPSK	21.93	21.84	21.62	23.50
	6	LOW	QPSK	20.92	20.86	20.70	22.50
1.4	1	LOW	Q16	21.06	21.26	20.61	22.50
		MID	Q16	21.13	21.37	20.76	22.50
		HIGH	Q16	21.10	21.28	20.72	22.50
	3	LOW	Q16	21.06	21.20	20.91	22.50
		MID	Q16	21.07	21.19	20.96	22.50
		HIGH	Q16	21.05	21.09	20.85	22.50
	6	LOW	Q16	20.21	19.86	19.88	21.50
1.4	1	LOW	64QAM	20.11	20.37	19.75	21.50
		MID	64QAM	20.06	20.29	19.65	21.50
		HIGH	64QAM	20.20	20.28	19.62	21.50
	3	LOW	64QAM	20.17	20.08	19.98	21.50
		MID	64QAM	20.12	20.23	19.92	21.50
		HIGH	64QAM	20.05	20.01	19.73	21.50
	6	LOW	64QAM	19.17	18.73	18.83	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	21.97	21.91	21.73	23.50
		MID	QPSK	21.98	21.94	21.76	23.50
		HIGH	QPSK	**21.99**	21.94	21.75	23.50
	8	LOW	QPSK	20.99	20.94	20.78	22.50
		MID	QPSK	21.03	20.99	20.78	22.50
		HIGH	QPSK	20.95	21.02	20.77	22.50
	15	LOW	QPSK	21.02	20.97	20.79	22.50
3	1	LOW	Q16	20.95	21.46	20.87	22.50
		MID	Q16	21.06	21.08	20.88	22.50
		HIGH	Q16	20.98	21.03	20.77	22.50
	8	LOW	Q16	20.14	19.98	19.85	21.50
		MID	Q16	20.13	20.12	19.82	21.50
		HIGH	Q16	20.13	20.11	19.83	21.50
	15	LOW	Q16	20.08	19.98	19.80	21.50
3	1	LOW	64QAM	19.84	20.44	19.80	21.50
		MID	64QAM	20.09	20.00	19.98	21.50
		HIGH	64QAM	19.99	20.46	19.92	21.50
	8	LOW	64QAM	20.16	20.03	19.93	21.50
		MID	64QAM	20.25	20.06	19.97	21.50
		HIGH	64QAM	19.98	20.18	19.79	21.50
	15	LOW	64QAM	19.09	18.88	18.95	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	21.93	21.91	21.85	23.50
		MID	QPSK	21.90	**22.00**	21.82	23.50
		HIGH	QPSK	21.97	21.98	21.68	23.50
	12	LOW	QPSK	20.95	20.95	20.88	22.50
		MID	QPSK	21.05	21.05	20.91	22.50
		HIGH	QPSK	21.08	21.08	20.95	22.50
	25	LOW	QPSK	21.07	20.96	20.87	22.50
5	1	LOW	Q16	21.33	21.44	21.35	22.50
		MID	Q16	21.35	21.41	21.28	22.50
		HIGH	Q16	21.37	21.41	21.14	22.50
	12	LOW	Q16	19.96	19.97	19.89	21.50
		MID	Q16	20.08	20.03	19.92	21.50
		HIGH	Q16	20.09	20.08	19.91	21.50
	25	LOW	Q16	20.09	19.99	19.88	21.50
5	1	LOW	64QAM	20.47	20.32	20.50	21.50
		MID	64QAM	20.33	20.33	20.27	21.50
		HIGH	64QAM	20.35	20.32	20.16	21.50
	12	LOW	64QAM	19.10	18.93	18.76	20.50
		MID	64QAM	19.15	19.11	19.04	20.50
		HIGH	64QAM	19.15	18.99	18.81	20.50
	25	LOW	64QAM	19.20	19.08	18.78	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	**21.95**	21.84	21.85	23.50
		MID	QPSK	21.92	21.91	21.82	23.50
		HIGH	QPSK	21.90	21.92	21.71	23.50
	25	LOW	QPSK	21.02	20.96	20.83	22.50
		MID	QPSK	21.09	20.97	20.80	22.50
		HIGH	QPSK	21.07	21.05	20.83	22.50
	50	LOW	QPSK	21.05	20.95	20.81	22.50
10	1	LOW	Q16	20.92	21.34	20.86	22.50
		MID	Q16	20.91	21.35	20.82	22.50
		HIGH	Q16	20.95	21.42	20.72	22.50
	25	LOW	Q16	20.04	20.01	19.92	21.50
		MID	Q16	20.07	20.01	19.93	21.50
		HIGH	Q16	20.06	20.06	19.94	21.50
	50	LOW	Q16	20.04	19.96	19.85	21.50
10	1	LOW	64QAM	19.98	20.24	19.86	21.50
		MID	64QAM	19.95	20.43	19.69	21.50
		HIGH	64QAM	20.03	20.46	19.58	21.50
	25	LOW	64QAM	19.04	18.97	19.04	20.50
		MID	64QAM	19.21	19.12	18.81	20.50
		HIGH	64QAM	18.98	19.18	19.03	20.50
	50	LOW	64QAM	18.96	19.01	19.00	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	21.91	21.93	21.87	23.50
		MID	QPSK	21.91	21.95	21.85	23.50
		HIGH	QPSK	**22.01**	21.90	21.69	23.50
	36	LOW	QPSK	21.01	20.95	20.85	22.50
		MID	QPSK	21.02	20.98	20.95	22.50
		HIGH	QPSK	21.05	21.07	20.89	22.50
	75	LOW	QPSK	21.02	20.94	20.92	22.50
15	1	LOW	Q16	20.84	21.40	21.24	22.50
		MID	Q16	20.92	21.39	21.40	22.50
		HIGH	Q16	20.97	21.41	21.25	22.50
	36	LOW	Q16	20.04	19.95	19.87	21.50
		MID	Q16	20.09	20.07	19.92	21.50
		HIGH	Q16	20.04	20.10	19.89	21.50
	75	LOW	Q16	20.05	20.00	19.93	21.50
15	1	LOW	64QAM	19.89	20.40	20.12	21.50
		MID	64QAM	20.01	20.35	20.32	21.50
		HIGH	64QAM	19.91	20.45	20.37	21.50
	36	LOW	64QAM	19.12	18.97	18.92	20.50
		MID	64QAM	19.18	19.10	18.87	20.50
		HIGH	64QAM	19.09	18.96	19.00	20.50
	75	LOW	64QAM	18.93	19.04	19.05	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.66	18.62	18.32	20.00
		MID	QPSK	18.48	18.49	18.53	20.00
		HIGH	QPSK	18.51	18.53	18.57	20.00
	3	LOW	QPSK	18.61	18.58	18.49	20.00
		MID	QPSK	18.69	18.62	18.41	20.00
		HIGH	QPSK	18.60	18.49	18.72	20.00
	6	LOW	QPSK	18.66	18.41	18.43	20.00
1.4	1	LOW	Q16	18.91	18.98	18.76	20.00
		MID	Q16	18.96	18.82	18.78	20.00
		HIGH	Q16	18.93	18.92	18.72	20.00
	3	LOW	Q16	18.51	18.45	18.48	20.00
		MID	Q16	18.65	18.44	18.51	20.00
		HIGH	Q16	18.57	18.81	18.65	20.00
	6	LOW	Q16	18.70	18.37	18.50	20.00
1.4	1	LOW	64QAM	18.88	18.98	18.78	20.00
		MID	64QAM	18.95	18.89	**19.00**	20.00
		HIGH	64QAM	18.89	18.79	18.83	20.00
	3	LOW	64QAM	18.53	18.50	18.50	20.00
		MID	64QAM	18.72	18.62	18.58	20.00
		HIGH	64QAM	18.74	18.72	18.59	20.00
	6	LOW	64QAM	18.79	18.60	18.55	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.57	18.42	18.59	20.00
		MID	QPSK	18.57	18.41	18.45	20.00
		HIGH	QPSK	18.45	18.44	18.48	20.00
	8	LOW	QPSK	18.70	18.58	18.61	20.00
		MID	QPSK	18.77	18.50	18.50	20.00
		HIGH	QPSK	18.59	18.76	18.48	20.00
	15	LOW	QPSK	18.48	18.38	18.54	20.00
3	1	LOW	Q16	18.75	18.73	18.90	20.00
		MID	Q16	18.76	18.77	18.72	20.00
		HIGH	Q16	18.94	18.92	18.80	20.00
	8	LOW	Q16	18.42	18.52	18.31	20.00
		MID	Q16	18.65	18.48	18.63	20.00
		HIGH	Q16	18.74	18.63	18.64	20.00
	15	LOW	Q16	18.51	18.36	18.43	20.00
3	1	LOW	64QAM	**18.95**	18.85	18.87	20.00
		MID	64QAM	18.81	18.85	18.72	20.00
		HIGH	64QAM	18.76	18.88	18.76	20.00
	8	LOW	64QAM	18.44	18.38	18.27	20.00
		MID	64QAM	18.72	18.73	18.35	20.00
		HIGH	64QAM	18.63	18.73	18.43	20.00
	15	LOW	64QAM	18.52	18.47	18.38	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.55	18.52	18.44	20.00
		MID	QPSK	18.49	18.54	18.41	20.00
		HIGH	QPSK	18.56	18.56	18.46	20.00
	12	LOW	QPSK	18.56	18.50	18.48	20.00
		MID	QPSK	18.68	18.55	18.52	20.00
		HIGH	QPSK	18.67	18.63	18.60	20.00
	25	LOW	QPSK	18.62	18.52	18.50	20.00
5	1	LOW	Q16	18.93	19.00	18.90	20.00
		MID	Q16	18.90	18.93	18.87	20.00
		HIGH	Q16	18.88	18.99	18.83	20.00
	12	LOW	Q16	18.56	18.52	18.41	20.00
		MID	Q16	18.65	18.59	18.49	20.00
		HIGH	Q16	18.66	18.66	18.55	20.00
	25	LOW	Q16	18.66	18.51	18.51	20.00
5	1	LOW	64QAM	18.89	18.85	18.87	20.00
		MID	64QAM	18.94	18.95	18.77	20.00
		HIGH	64QAM	18.98	18.90	18.69	20.00
	12	LOW	64QAM	18.65	18.47	18.41	20.00
		MID	64QAM	18.56	18.69	18.59	20.00
		HIGH	64QAM	18.53	18.79	18.54	20.00
	25	LOW	64QAM	18.59	18.51	18.65	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.69	18.41	18.56	20.00
		MID	QPSK	18.46	18.48	18.27	20.00
		HIGH	QPSK	18.53	18.41	18.44	20.00
	25	LOW	QPSK	18.62	18.57	18.40	20.00
		MID	QPSK	18.75	18.63	18.41	20.00
		HIGH	QPSK	18.70	18.70	18.54	20.00
	50	LOW	QPSK	18.59	18.40	18.39	20.00
10	1	LOW	Q16	18.85	18.86	**19.00**	20.00
		MID	Q16	18.81	18.85	18.76	20.00
		HIGH	Q16	18.97	18.78	18.72	20.00
	25	LOW	Q16	18.48	18.51	18.40	20.00
		MID	Q16	18.76	18.71	18.54	20.00
		HIGH	Q16	18.68	18.80	18.68	20.00
	50	LOW	Q16	18.78	18.42	18.58	20.00
10	1	LOW	64QAM	18.91	18.89	18.90	20.00
		MID	64QAM	18.93	18.82	18.69	20.00
		HIGH	64QAM	18.95	18.89	18.79	20.00
	25	LOW	64QAM	18.61	18.63	18.47	20.00
		MID	64QAM	18.57	18.63	18.58	20.00
		HIGH	64QAM	18.67	18.66	18.44	20.00
	50	LOW	64QAM	18.59	18.43	18.58	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.61	18.66	18.50	20.00
		MID	QPSK	18.54	18.42	18.42	20.00
		HIGH	QPSK	18.53	18.49	18.48	20.00
	36	LOW	QPSK	18.55	18.55	18.33	20.00
		MID	QPSK	18.62	18.46	18.37	20.00
		HIGH	QPSK	18.70	18.77	18.66	20.00
	75	LOW	QPSK	18.62	18.46	18.37	20.00
15	1	LOW	Q16	18.99	**19.00**	18.95	20.00
		MID	Q16	18.84	18.86	18.83	20.00
		HIGH	Q16	18.99	18.88	18.97	20.00
	36	LOW	Q16	18.64	18.46	18.27	20.00
		MID	Q16	18.54	18.61	18.55	20.00
		HIGH	Q16	18.66	18.61	18.70	20.00
	75	LOW	Q16	18.76	18.52	18.57	20.00
15	1	LOW	64QAM	18.97	18.94	18.98	20.00
		MID	64QAM	18.92	18.79	18.73	20.00
		HIGH	64QAM	18.96	18.86	18.94	20.00
	36	LOW	64QAM	18.62	18.67	18.38	20.00
		MID	64QAM	18.59	18.54	18.37	20.00
		HIGH	64QAM	18.75	18.70	18.52	20.00
	75	LOW	64QAM	18.52	18.57	18.61	20.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.81	15.86	15.89	17.50
		MID	QPSK	15.98	15.88	15.88	17.50
		HIGH	QPSK	15.75	15.83	15.78	17.50
	3	LOW	QPSK	15.72	15.84	15.80	17.50
		MID	QPSK	15.89	15.99	15.85	17.50
		HIGH	QPSK	15.94	15.90	15.92	17.50
	6	LOW	QPSK	16.06	16.06	16.00	17.50
1.4	1	LOW	Q16	16.12	16.15	16.24	17.50
		MID	Q16	16.20	16.23	16.03	17.50
		HIGH	Q16	16.09	**16.31**	16.25	17.50
	3	LOW	Q16	16.02	15.94	15.74	17.50
		MID	Q16	16.01	16.10	15.95	17.50
		HIGH	Q16	15.91	15.90	15.86	17.50
	6	LOW	Q16	16.03	16.10	16.04	17.50
1.4	1	LOW	64QAM	16.15	16.18	16.28	17.50
		MID	64QAM	16.25	16.24	16.26	17.50
		HIGH	64QAM	16.20	16.30	16.11	17.50
	3	LOW	64QAM	15.75	15.97	15.93	17.50
		MID	64QAM	16.13	15.90	15.78	17.50
		HIGH	64QAM	16.18	16.10	16.06	17.50
	6	LOW	64QAM	15.97	15.89	15.87	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	15.96	15.92	15.93	17.50
		MID	QPSK	15.99	15.91	15.94	17.50
		HIGH	QPSK	16.04	15.80	15.73	17.50
	8	LOW	QPSK	16.01	16.01	15.93	17.50
		MID	QPSK	16.11	16.07	15.94	17.50
		HIGH	QPSK	16.05	15.97	15.88	17.50
	15	LOW	QPSK	16.09	15.94	15.98	17.50
3	1	LOW	Q16	16.16	16.30	16.14	17.50
		MID	Q16	16.11	16.30	16.00	17.50
		HIGH	Q16	16.37	16.29	16.09	17.50
	8	LOW	Q16	15.86	15.92	15.91	17.50
		MID	Q16	15.90	15.96	15.90	17.50
		HIGH	Q16	16.19	16.01	15.92	17.50
	15	LOW	Q16	16.08	16.06	15.77	17.50
3	1	LOW	64QAM	**16.38**	16.32	16.28	17.50
		MID	64QAM	16.23	16.30	16.03	17.50
		HIGH	64QAM	16.17	16.19	16.21	17.50
	8	LOW	64QAM	15.93	15.85	15.75	17.50
		MID	64QAM	15.99	15.84	15.99	17.50
		HIGH	64QAM	16.02	15.99	16.06	17.50
	15	LOW	64QAM	16.10	16.09	15.90	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	15.91	15.83	15.78	17.50
		MID	QPSK	15.87	15.85	15.79	17.50
		HIGH	QPSK	15.90	15.90	15.84	17.50
	12	LOW	QPSK	15.86	15.90	15.92	17.50
		MID	QPSK	15.98	15.95	15.92	17.50
		HIGH	QPSK	16.04	16.03	15.95	17.50
	25	LOW	QPSK	16.01	15.93	15.92	17.50
5	1	LOW	Q16	16.25	16.30	16.27	17.50
		MID	Q16	16.26	16.29	16.14	17.50
		HIGH	Q16	16.27	16.39	16.23	17.50
	12	LOW	Q16	15.89	15.97	15.86	17.50
		MID	Q16	16.04	15.99	15.93	17.50
		HIGH	Q16	16.04	16.03	16.00	17.50
	25	LOW	Q16	16.08	15.95	15.92	17.50
5	1	LOW	64QAM	16.17	16.25	16.22	17.50
		MID	64QAM	16.36	16.21	16.10	17.50
		HIGH	64QAM	16.19	16.32	16.26	17.50
	12	LOW	64QAM	15.78	16.03	15.84	17.50
		MID	64QAM	16.17	16.02	15.89	17.50
		HIGH	64QAM	16.17	16.14	16.04	17.50
	25	LOW	64QAM	16.12	15.98	15.94	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	15.82	15.84	15.76	17.50
		MID	QPSK	15.91	15.85	15.75	17.50
		HIGH	QPSK	15.86	15.98	15.88	17.50
	25	LOW	QPSK	15.74	15.86	15.98	17.50
		MID	QPSK	15.95	16.01	15.80	17.50
		HIGH	QPSK	16.03	15.90	15.95	17.50
	50	LOW	QPSK	16.01	15.92	15.86	17.50
10	1	LOW	Q16	16.31	16.21	16.20	17.50
		MID	Q16	16.35	16.32	16.09	17.50
		HIGH	Q16	16.32	16.27	16.18	17.50
	25	LOW	Q16	15.94	15.88	15.94	17.50
		MID	Q16	16.16	15.84	15.79	17.50
		HIGH	Q16	15.90	16.13	15.99	17.50
	50	LOW	Q16	16.02	15.93	15.86	17.50
10	1	LOW	64QAM	16.20	16.30	16.22	17.50
		MID	64QAM	**16.38**	16.29	16.12	17.50
		HIGH	64QAM	16.21	16.22	16.37	17.50
	25	LOW	64QAM	15.87	15.96	15.91	17.50
		MID	64QAM	16.15	15.91	15.88	17.50
		HIGH	64QAM	16.11	15.91	15.99	17.50
	50	LOW	64QAM	16.00	15.89	15.83	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	16.00	15.80	15.91	17.50
		MID	QPSK	15.92	15.97	15.75	17.50
		HIGH	QPSK	16.05	15.95	15.90	17.50
	36	LOW	QPSK	16.00	15.83	15.85	17.50
		MID	QPSK	15.92	15.87	16.06	17.50
		HIGH	QPSK	16.12	16.04	16.01	17.50
	75	LOW	QPSK	16.04	15.98	15.80	17.50
15	1	LOW	Q16	16.17	16.28	16.26	17.50
		MID	Q16	16.18	16.15	16.22	17.50
		HIGH	Q16	16.16	16.34	16.15	17.50
	36	LOW	Q16	15.91	15.84	15.92	17.50
		MID	Q16	16.11	16.12	15.99	17.50
		HIGH	Q16	16.01	16.18	15.91	17.50
	75	LOW	Q16	15.95	16.06	15.88	17.50
15	1	LOW	64QAM	16.11	16.17	16.19	17.50
		MID	64QAM	16.17	16.16	16.17	17.50
		HIGH	64QAM	16.17	**16.43**	16.26	17.50
	36	LOW	64QAM	15.92	15.89	15.91	17.50
		MID	64QAM	16.07	15.93	15.90	17.50
		HIGH	64QAM	15.92	16.04	15.94	17.50
	75	LOW	64QAM	16.09	15.85	15.91	17.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.36	17.41	17.38	19.00
		MID	QPSK	17.27	17.51	17.42	19.00
		HIGH	QPSK	17.35	17.58	17.23	19.00
	3	LOW	QPSK	17.54	17.37	17.35	19.00
		MID	QPSK	17.65	17.52	17.43	19.00
		HIGH	QPSK	17.55	17.70	17.45	19.00
	6	LOW	QPSK	17.68	17.39	17.44	19.00
1.4	1	LOW	Q16	17.81	17.70	17.46	19.00
		MID	Q16	17.76	17.84	17.87	19.00
		HIGH	Q16	17.78	17.81	17.48	19.00
	3	LOW	Q16	17.49	17.56	17.58	19.00
		MID	Q16	17.59	17.59	17.54	19.00
		HIGH	Q16	17.68	17.50	17.60	19.00
	6	LOW	Q16	17.64	17.38	17.31	19.00
1.4	1	LOW	64QAM	17.81	17.75	17.44	19.00
		MID	64QAM	17.70	**17.96**	17.81	19.00
		HIGH	64QAM	17.82	17.94	17.34	19.00
	3	LOW	64QAM	17.57	17.48	17.53	19.00
		MID	64QAM	17.47	17.70	17.54	19.00
		HIGH	64QAM	17.69	17.65	17.51	19.00
	6	LOW	64QAM	17.74	17.49	17.46	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.56	17.32	17.45	19.00
		MID	QPSK	17.47	17.32	17.45	19.00
		HIGH	QPSK	17.58	17.55	17.37	19.00
	8	LOW	QPSK	17.34	17.48	17.47	19.00
		MID	QPSK	17.54	17.40	17.43	19.00
		HIGH	QPSK	17.59	17.47	17.52	19.00
	15	LOW	QPSK	17.63	17.37	17.47	19.00
3	1	LOW	Q16	17.84	17.68	17.70	19.00
		MID	Q16	**17.94**	17.67	17.68	19.00
		HIGH	Q16	17.78	17.91	17.66	19.00
	8	LOW	Q16	17.47	17.37	17.32	19.00
		MID	Q16	17.64	17.54	17.31	19.00
		HIGH	Q16	17.49	17.62	17.66	19.00
	15	LOW	Q16	17.66	17.43	17.31	19.00
3	1	LOW	64QAM	17.92	17.67	17.56	19.00
		MID	64QAM	17.87	17.73	17.61	19.00
		HIGH	64QAM	17.88	17.83	17.79	19.00
	8	LOW	64QAM	17.53	17.35	17.47	19.00
		MID	64QAM	17.71	17.63	17.44	19.00
		HIGH	64QAM	17.52	17.65	17.51	19.00
	15	LOW	64QAM	17.54	17.56	17.17	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.49	17.37	17.35	19.00
		MID	QPSK	17.41	17.47	17.34	19.00
		HIGH	QPSK	17.45	17.44	17.35	19.00
	12	LOW	QPSK	17.45	17.46	17.40	19.00
		MID	QPSK	17.57	17.43	17.41	19.00
		HIGH	QPSK	17.54	17.55	17.51	19.00
	25	LOW	QPSK	17.56	17.47	17.44	19.00
5	1	LOW	Q16	17.69	17.66	17.82	19.00
		MID	Q16	17.76	17.86	17.56	19.00
		HIGH	Q16	17.74	17.80	17.50	19.00
	12	LOW	Q16	17.51	17.48	17.44	19.00
		MID	Q16	17.59	17.53	17.45	19.00
		HIGH	Q16	17.57	17.59	17.51	19.00
	25	LOW	Q16	17.61	17.47	17.42	19.00
5	1	LOW	64QAM	17.61	17.75	17.71	19.00
		MID	64QAM	17.71	17.75	17.67	19.00
		HIGH	64QAM	17.65	17.65	17.54	19.00
	12	LOW	64QAM	17.59	17.40	17.49	19.00
		MID	64QAM	17.48	17.52	17.48	19.00
		HIGH	64QAM	17.68	17.71	17.60	19.00
	25	LOW	64QAM	17.66	17.39	17.49	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.41	17.42	17.27	19.00
		MID	QPSK	17.36	17.33	17.19	19.00
		HIGH	QPSK	17.33	17.40	17.42	19.00
	25	LOW	QPSK	17.37	17.60	17.27	19.00
		MID	QPSK	17.50	17.52	17.45	19.00
		HIGH	QPSK	17.39	17.50	17.38	19.00
	50	LOW	QPSK	17.57	17.46	17.40	19.00
10	1	LOW	Q16	**17.89**	17.85	17.65	19.00
		MID	Q16	17.72	17.45	17.63	19.00
		HIGH	Q16	17.72	17.68	17.88	19.00
	25	LOW	Q16	17.55	17.34	17.57	19.00
		MID	Q16	17.64	17.59	17.42	19.00
		HIGH	Q16	17.62	17.57	17.53	19.00
	50	LOW	Q16	17.54	17.44	17.34	19.00
10	1	LOW	64QAM	17.84	17.82	17.65	19.00
		MID	64QAM	17.68	17.54	17.61	19.00
		HIGH	64QAM	17.68	17.72	17.82	19.00
	25	LOW	64QAM	17.50	17.45	17.47	19.00
		MID	64QAM	17.51	17.58	17.57	19.00
		HIGH	64QAM	17.77	17.72	17.60	19.00
	50	LOW	64QAM	17.39	17.36	17.30	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.43	17.35	17.48	19.00
		MID	QPSK	17.41	17.55	17.47	19.00
		HIGH	QPSK	17.43	17.39	17.28	19.00
	36	LOW	QPSK	17.46	17.50	17.40	19.00
		MID	QPSK	17.47	17.34	17.27	19.00
		HIGH	QPSK	17.68	17.62	17.36	19.00
	75	LOW	QPSK	17.66	17.39	17.30	19.00
15	1	LOW	Q16	17.73	17.58	17.74	19.00
		MID	Q16	17.88	**18.00**	17.77	19.00
		HIGH	Q16	17.69	17.87	17.54	19.00
	36	LOW	Q16	17.48	17.62	17.58	19.00
		MID	Q16	17.46	17.52	17.55	19.00
		HIGH	Q16	17.64	17.44	17.44	19.00
	75	LOW	Q16	17.76	17.45	17.30	19.00
15	1	LOW	64QAM	17.63	17.72	17.72	19.00
		MID	64QAM	17.85	17.91	17.67	19.00
		HIGH	64QAM	17.63	17.84	17.63	19.00
	36	LOW	64QAM	17.50	17.66	17.58	19.00
		MID	64QAM	17.45	17.52	17.57	19.00
		HIGH	64QAM	17.65	17.44	17.39	19.00
	75	LOW	64QAM	17.62	17.34	17.35	19.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.78	13.72	13.80	15.50
		MID	QPSK	13.97	13.89	13.85	15.50
		HIGH	QPSK	14.00	14.07	13.80	15.50
	3	LOW	QPSK	13.98	13.74	13.73	15.50
		MID	QPSK	13.96	13.85	13.96	15.50
		HIGH	QPSK	14.02	13.98	13.97	15.50
	6	LOW	QPSK	13.90	14.04	13.83	15.50
1.4	1	LOW	Q16	14.25	14.09	14.17	15.50
		MID	Q16	14.40	14.33	14.22	15.50
		HIGH	Q16	14.38	14.38	14.23	15.50
	3	LOW	Q16	14.06	14.13	13.97	15.50
		MID	Q16	14.15	13.83	13.91	15.50
		HIGH	Q16	14.14	14.07	14.07	15.50
	6	LOW	Q16	13.97	13.91	13.85	15.50
1.4	1	LOW	64QAM	14.18	14.20	14.27	15.50
		MID	64QAM	14.38	14.38	14.19	15.50
		HIGH	64QAM	14.36	14.41	14.22	15.50
	3	LOW	64QAM	13.99	13.88	13.86	15.50
		MID	64QAM	14.04	13.96	13.88	15.50
		HIGH	64QAM	14.12	13.94	13.88	15.50
	6	LOW	64QAM	14.02	14.10	13.87	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	13.77	13.94	13.76	15.50
		MID	QPSK	13.72	13.72	13.93	15.50
		HIGH	QPSK	13.92	13.87	14.06	15.50
	8	LOW	QPSK	13.94	13.80	13.97	15.50
		MID	QPSK	14.08	13.82	14.18	15.50
		HIGH	QPSK	14.09	14.14	14.03	15.50
	15	LOW	QPSK	13.96	14.06	13.84	15.50
3	1	LOW	Q16	14.24	14.39	14.21	15.50
		MID	Q16	14.17	14.05	14.22	15.50
		HIGH	Q16	14.28	14.17	14.35	15.50
	8	LOW	Q16	13.96	14.04	13.80	15.50
		MID	Q16	14.07	13.93	13.99	15.50
		HIGH	Q16	14.01	14.13	13.91	15.50
	15	LOW	Q16	14.19	14.02	13.80	15.50
3	1	LOW	64QAM	14.18	14.21	14.08	15.50
		MID	64QAM	14.13	14.15	14.24	15.50
		HIGH	64QAM	14.24	14.33	14.45	15.50
	8	LOW	64QAM	13.85	14.10	13.79	15.50
		MID	64QAM	13.93	13.87	13.89	15.50
		HIGH	64QAM	13.97	14.15	14.11	15.50
	15	LOW	64QAM	14.19	13.87	13.77	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	13.92	13.87	13.78	15.50
		MID	QPSK	13.87	13.87	13.85	15.50
		HIGH	QPSK	13.91	13.95	13.91	15.50
	12	LOW	QPSK	13.90	13.88	13.86	15.50
		MID	QPSK	14.01	13.93	14.04	15.50
		HIGH	QPSK	14.01	14.02	14.02	15.50
	25	LOW	QPSK	14.04	13.94	13.94	15.50
5	1	LOW	Q16	14.38	14.36	14.26	15.50
		MID	Q16	14.34	14.32	14.32	15.50
		HIGH	Q16	14.39	14.40	14.31	15.50
	12	LOW	Q16	13.91	13.98	13.86	15.50
		MID	Q16	14.06	13.97	13.89	15.50
		HIGH	Q16	14.08	14.03	14.01	15.50
	25	LOW	Q16	14.05	13.96	13.90	15.50
5	1	LOW	64QAM	14.40	14.35	14.22	15.50
		MID	64QAM	14.35	14.33	14.31	15.50
		HIGH	64QAM	14.34	14.36	14.22	15.50
	12	LOW	64QAM	14.02	13.87	13.94	15.50
		MID	64QAM	13.97	13.93	14.02	15.50
		HIGH	64QAM	14.20	13.88	14.05	15.50
	25	LOW	64QAM	14.12	13.93	13.98	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	13.94	13.82	13.81	15.50
		MID	QPSK	13.77	13.88	13.72	15.50
		HIGH	QPSK	13.91	13.98	14.00	15.50
	25	LOW	QPSK	13.92	13.89	13.77	15.50
		MID	QPSK	13.94	13.87	14.11	15.50
		HIGH	QPSK	13.89	14.15	14.01	15.50
	50	LOW	QPSK	14.02	13.85	13.84	15.50
10	1	LOW	Q16	14.42	14.30	14.27	15.50
		MID	Q16	14.25	14.36	14.21	15.50
		HIGH	Q16	14.29	14.31	14.30	15.50
	25	LOW	Q16	13.92	13.96	13.90	15.50
		MID	Q16	13.99	13.98	13.80	15.50
		HIGH	Q16	13.94	14.17	14.00	15.50
	50	LOW	Q16	14.12	13.84	13.83	15.50
10	1	LOW	64QAM	14.43	14.29	14.29	15.50
		MID	64QAM	14.22	14.25	14.17	15.50
		HIGH	64QAM	14.40	14.33	14.43	15.50
	25	LOW	64QAM	14.05	13.95	14.00	15.50
		MID	64QAM	14.03	13.87	13.88	15.50
		HIGH	64QAM	14.22	13.88	13.92	15.50
	50	LOW	64QAM	13.92	13.91	13.82	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	13.77	13.83	13.84	15.50
		MID	QPSK	13.88	14.02	13.78	15.50
		HIGH	QPSK	13.84	13.81	13.77	15.50
	36	LOW	QPSK	13.95	13.89	13.75	15.50
		MID	QPSK	13.91	13.90	14.04	15.50
		HIGH	QPSK	13.95	13.95	14.04	15.50
	75	LOW	QPSK	14.03	13.98	13.80	15.50
15	1	LOW	Q16	14.26	14.31	14.33	15.50
		MID	Q16	14.34	14.35	14.18	15.50
		HIGH	Q16	14.33	14.27	14.20	15.50
	36	LOW	Q16	14.00	13.86	13.71	15.50
		MID	Q16	13.94	13.94	13.77	15.50
		HIGH	Q16	14.22	14.11	14.11	15.50
	75	LOW	Q16	14.20	13.83	13.91	15.50
15	1	LOW	64QAM	14.24	14.23	14.32	15.50
		MID	64QAM	14.33	14.44	14.17	15.50
		HIGH	64QAM	14.27	14.29	14.24	15.50
	36	LOW	64QAM	13.90	14.00	13.91	15.50
		MID	64QAM	14.00	14.06	13.90	15.50
		HIGH	64QAM	14.19	14.01	14.11	15.50
	75	LOW	64QAM	14.18	14.08	13.98	15.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.45	22.45	22.18	24.00
		MID	QPSK	**22.57**	22.50	22.22	24.00
		HIGH	QPSK	22.53	22.48	22.15	24.00
	3	LOW	QPSK	22.50	22.47	22.21	24.00
		MID	QPSK	22.52	22.49	22.25	24.00
		HIGH	QPSK	22.54	22.50	22.19	24.00
	6	LOW	QPSK	21.56	21.55	21.23	23.00
1.4	1	LOW	Q16	21.71	21.95	21.19	23.00
		MID	Q16	21.74	21.99	21.31	23.00
		HIGH	Q16	21.71	21.85	21.27	23.00
	3	LOW	Q16	21.70	21.68	21.39	23.00
		MID	Q16	21.68	21.70	21.51	23.00
		HIGH	Q16	21.64	21.78	21.46	23.00
	6	LOW	Q16	20.77	20.48	20.47	22.00
1.4	1	LOW	64QAM	20.64	20.87	20.09	22.00
		MID	64QAM	20.76	20.87	20.19	22.00
		HIGH	64QAM	20.72	20.72	20.12	22.00
	3	LOW	64QAM	20.82	20.64	20.38	22.00
		MID	64QAM	20.79	20.70	20.45	22.00
		HIGH	64QAM	20.69	20.68	20.39	22.00
	6	LOW	64QAM	19.68	19.36	19.37	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.57	22.46	22.27	24.00
		MID	QPSK	**22.63**	22.57	22.36	24.00
		HIGH	QPSK	22.59	22.55	22.29	24.00
	8	LOW	QPSK	21.64	21.50	21.31	23.00
		MID	QPSK	21.63	21.61	21.35	23.00
		HIGH	QPSK	21.68	21.66	21.33	23.00
	15	LOW	QPSK	21.65	21.53	21.35	23.00
3	1	LOW	Q16	21.57	21.95	21.38	23.00
		MID	Q16	21.67	22.09	21.41	23.00
		HIGH	Q16	21.58	22.02	21.36	23.00
	8	LOW	Q16	20.74	20.61	20.38	22.00
		MID	Q16	20.73	20.72	20.38	22.00
		HIGH	Q16	20.77	20.72	20.37	22.00
	15	LOW	Q16	20.70	20.61	20.33	22.00
3	1	LOW	64QAM	20.56	20.83	20.35	22.00
		MID	64QAM	20.65	21.13	20.41	22.00
		HIGH	64QAM	20.51	21.03	20.44	22.00
	8	LOW	64QAM	20.71	20.55	20.29	22.00
		MID	64QAM	20.75	20.80	20.23	22.00
		HIGH	64QAM	20.89	20.72	20.31	22.00
	15	LOW	64QAM	19.78	19.51	19.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.49	22.28	24.00
		MID	QPSK	**22.63**	22.60	22.30	24.00
		HIGH	QPSK	22.52	22.59	22.24	24.00
	12	LOW	QPSK	21.60	21.49	21.37	23.00
		MID	QPSK	21.62	21.55	21.37	23.00
		HIGH	QPSK	21.59	21.64	21.31	23.00
	25	LOW	QPSK	21.61	21.49	21.36	23.00
5	1	LOW	Q16	21.78	22.04	21.49	23.00
		MID	Q16	21.83	22.20	21.49	23.00
		HIGH	Q16	21.82	22.17	21.47	23.00
	12	LOW	Q16	20.70	20.67	20.44	22.00
		MID	Q16	20.73	20.71	20.49	22.00
		HIGH	Q16	20.73	20.78	20.44	22.00
	25	LOW	Q16	20.62	20.60	20.33	22.00
5	1	LOW	64QAM	20.76	21.13	20.44	22.00
		MID	64QAM	20.97	21.06	20.60	22.00
		HIGH	64QAM	20.75	21.28	20.48	22.00
	12	LOW	64QAM	19.59	19.73	19.46	21.00
		MID	64QAM	19.66	19.82	19.39	21.00
		HIGH	64QAM	19.85	19.91	19.32	21.00
	25	LOW	64QAM	19.69	19.53	19.28	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.53	22.45	22.44	24.00
		MID	QPSK	22.51	22.49	22.41	24.00
		HIGH	QPSK	22.52	**22.57**	22.28	24.00
	25	LOW	QPSK	21.63	21.52	21.38	23.00
		MID	QPSK	21.65	21.59	21.38	23.00
		HIGH	QPSK	21.66	21.70	21.44	23.00
	50	LOW	QPSK	21.65	21.57	21.39	23.00
10	1	LOW	Q16	21.56	21.92	21.47	23.00
		MID	Q16	21.50	21.98	21.28	23.00
		HIGH	Q16	21.56	22.01	21.31	23.00
	25	LOW	Q16	20.64	20.59	20.49	22.00
		MID	Q16	20.69	20.63	20.53	22.00
		HIGH	Q16	20.71	20.70	20.52	22.00
	50	LOW	Q16	20.64	20.60	20.44	22.00
10	1	LOW	64QAM	20.55	20.80	20.55	22.00
		MID	64QAM	20.65	21.13	20.26	22.00
		HIGH	64QAM	20.53	20.88	20.41	22.00
	25	LOW	64QAM	19.74	19.60	19.43	21.00
		MID	64QAM	19.57	19.67	19.60	21.00
		HIGH	64QAM	19.77	19.72	19.64	21.00
	50	LOW	64QAM	19.52	19.57	19.59	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.48	24.00
		MID	QPSK	22.54	22.54	22.47	24.00
		HIGH	QPSK	**22.59**	22.54	22.25	24.00
	36	LOW	QPSK	21.62	21.53	21.43	23.00
		MID	QPSK	21.67	21.61	21.57	23.00
		HIGH	QPSK	21.68	21.70	21.48	23.00
	75	LOW	QPSK	21.63	21.57	21.54	23.00
15	1	LOW	Q16	21.36	22.06	21.87	23.00
		MID	Q16	21.49	22.01	21.83	23.00
		HIGH	Q16	21.63	22.03	21.84	23.00
	36	LOW	Q16	20.62	20.61	20.46	22.00
		MID	Q16	20.70	20.65	20.54	22.00
		HIGH	Q16	20.64	20.76	20.45	22.00
	75	LOW	Q16	20.64	20.63	20.53	22.00
15	1	LOW	64QAM	20.42	21.18	20.91	22.00
		MID	64QAM	20.35	21.00	20.71	22.00
		HIGH	64QAM	20.71	20.88	20.76	22.00
	36	LOW	64QAM	19.77	19.59	19.58	21.00
		MID	64QAM	19.84	19.62	19.48	21.00
		HIGH	64QAM	19.56	19.72	19.36	21.00
	75	LOW	64QAM	19.75	19.61	19.57	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.53	**22.59**	22.48	24.00
		MID	QPSK	22.50	22.52	22.41	24.00
		HIGH	QPSK	22.53	22.56	22.26	24.00
	50	LOW	QPSK	21.57	21.68	21.53	23.00
		MID	QPSK	21.67	21.60	21.50	23.00
		HIGH	QPSK	21.67	21.57	21.51	23.00
	100	LOW	QPSK	21.67	21.59	21.50	23.00
20	1	LOW	Q16	22.16	22.09	21.92	23.00
		MID	Q16	22.17	22.05	21.86	23.00
		HIGH	Q16	22.19	22.14	21.71	23.00
	50	LOW	Q16	20.58	20.61	20.45	22.00
		MID	Q16	20.69	20.62	20.47	22.00
		HIGH	Q16	20.68	20.71	20.49	22.00
	100	LOW	Q16	20.73	20.61	20.52	22.00
20	1	LOW	64QAM	21.24	21.02	21.00	22.00
		MID	64QAM	21.31	21.01	20.90	22.00
		HIGH	64QAM	21.34	21.07	20.57	22.00
	50	LOW	64QAM	19.68	19.70	19.35	21.00
		MID	64QAM	19.68	19.71	19.54	21.00
		HIGH	64QAM	19.78	19.85	19.63	21.00
	100	LOW	64QAM	19.59	19.59	19.53	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.32	19.06	19.16	20.50
		MID	QPSK	19.19	19.26	19.25	20.50
		HIGH	QPSK	19.32	19.22	18.81	20.50
	3	LOW	QPSK	19.16	19.38	19.27	20.50
		MID	QPSK	19.23	19.43	19.28	20.50
		HIGH	QPSK	19.23	19.37	19.04	20.50
	6	LOW	QPSK	19.42	19.35	19.25	20.50
1.4	1	LOW	Q16	19.59	19.46	19.50	20.50
		MID	Q16	19.42	19.66	19.59	20.50
		HIGH	Q16	19.67	19.51	19.17	20.50
	3	LOW	Q16	19.40	19.30	19.13	20.50
		MID	Q16	19.45	19.45	19.08	20.50
		HIGH	Q16	19.41	19.33	19.17	20.50
	6	LOW	Q16	19.24	19.25	19.33	20.50
1.4	1	LOW	64QAM	19.67	19.55	19.36	20.50
		MID	64QAM	19.46	19.63	19.74	20.50
		HIGH	64QAM	19.72	19.49	19.22	20.50
	3	LOW	64QAM	19.28	19.11	19.23	20.50
		MID	64QAM	19.27	19.30	19.00	20.50
		HIGH	64QAM	19.23	19.54	19.19	20.50
	6	LOW	64QAM	19.51	19.40	19.24	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.23	19.26	18.99	20.50
		MID	QPSK	19.11	19.20	19.13	20.50
		HIGH	QPSK	19.06	19.24	18.91	20.50
	8	LOW	QPSK	19.34	19.26	19.22	20.50
		MID	QPSK	19.22	19.23	19.14	20.50
		HIGH	QPSK	19.38	19.39	19.06	20.50
	15	LOW	QPSK	19.40	19.36	19.12	20.50
3	1	LOW	Q16	19.63	19.61	19.32	20.50
		MID	Q16	19.52	19.62	19.50	20.50
		HIGH	Q16	19.36	19.45	19.25	20.50
	8	LOW	Q16	19.37	19.20	19.07	20.50
		MID	Q16	19.31	19.37	19.08	20.50
		HIGH	Q16	19.29	19.37	19.16	20.50
	15	LOW	Q16	19.36	19.30	19.19	20.50
3	1	LOW	64QAM	19.73	19.72	19.33	20.50
		MID	64QAM	19.42	19.40	19.45	20.50
		HIGH	64QAM	19.43	19.43	19.37	20.50
	8	LOW	64QAM	19.19	19.30	19.21	20.50
		MID	64QAM	19.38	19.37	19.06	20.50
		HIGH	64QAM	19.45	19.35	19.27	20.50
	15	LOW	64QAM	19.34	19.32	19.32	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.35	19.23	19.15	20.50
		MID	QPSK	19.24	19.26	19.05	20.50
		HIGH	QPSK	19.36	19.30	19.02	20.50
	12	LOW	QPSK	19.34	19.28	19.04	20.50
		MID	QPSK	19.41	19.21	19.31	20.50
		HIGH	QPSK	19.46	19.41	19.24	20.50
	25	LOW	QPSK	19.35	19.20	19.18	20.50
5	1	LOW	Q16	19.55	19.70	19.44	20.50
		MID	Q16	19.47	19.60	19.40	20.50
		HIGH	Q16	19.43	19.46	19.44	20.50
	12	LOW	Q16	19.17	19.26	19.09	20.50
		MID	Q16	19.44	19.24	19.06	20.50
		HIGH	Q16	19.46	19.43	19.24	20.50
	25	LOW	Q16	19.39	19.38	19.24	20.50
5	1	LOW	64QAM	19.53	19.61	19.29	20.50
		MID	64QAM	19.41	19.63	19.51	20.50
		HIGH	64QAM	19.64	19.44	19.24	20.50
	12	LOW	64QAM	19.28	19.16	19.13	20.50
		MID	64QAM	19.34	19.37	19.00	20.50
		HIGH	64QAM	19.42	19.44	19.28	20.50
	25	LOW	64QAM	19.21	19.33	19.31	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.23	19.31	19.01	20.50
		MID	QPSK	19.31	19.35	19.18	20.50
		HIGH	QPSK	19.22	19.33	18.80	20.50
	25	LOW	QPSK	19.21	19.27	19.29	20.50
		MID	QPSK	19.38	19.25	19.27	20.50
		HIGH	QPSK	19.32	19.44	19.13	20.50
	50	LOW	QPSK	19.33	19.23	19.23	20.50
10	1	LOW	Q16	19.44	19.71	19.38	20.50
		MID	Q16	19.64	19.61	19.51	20.50
		HIGH	Q16	19.67	19.54	19.23	20.50
	25	LOW	Q16	19.27	19.21	19.21	20.50
		MID	Q16	19.50	19.41	19.18	20.50
		HIGH	Q16	19.30	19.45	19.19	20.50
	50	LOW	Q16	19.33	19.32	19.23	20.50
10	1	LOW	64QAM	19.59	19.67	19.37	20.50
		MID	64QAM	19.68	19.83	19.54	20.50
		HIGH	64QAM	19.72	19.63	19.27	20.50
	25	LOW	64QAM	19.32	19.38	19.20	20.50
		MID	64QAM	19.28	19.24	19.20	20.50
		HIGH	64QAM	19.31	19.48	19.26	20.50
	50	LOW	64QAM	19.40	19.23	19.14	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.33	19.06	18.97	20.50
		MID	QPSK	19.26	19.35	19.15	20.50
		HIGH	QPSK	19.08	19.29	18.83	20.50
	36	LOW	QPSK	19.31	19.16	19.09	20.50
		MID	QPSK	19.18	19.20	19.11	20.50
		HIGH	QPSK	19.29	19.48	19.32	20.50
	75	LOW	QPSK	19.37	19.16	19.20	20.50
15	1	LOW	Q16	19.61	19.52	19.37	20.50
		MID	Q16	19.55	19.62	19.51	20.50
		HIGH	Q16	19.42	19.60	19.32	20.50
	36	LOW	Q16	19.16	19.21	19.11	20.50
		MID	Q16	19.30	19.24	19.11	20.50
		HIGH	Q16	19.44	19.28	19.23	20.50
	75	LOW	Q16	19.43	19.16	19.17	20.50
15	1	LOW	64QAM	19.47	19.55	19.32	20.50
		MID	64QAM	19.49	19.63	19.62	20.50
		HIGH	64QAM	19.51	19.52	19.24	20.50
	36	LOW	64QAM	19.27	19.12	19.03	20.50
		MID	64QAM	19.26	19.28	19.23	20.50
		HIGH	64QAM	19.38	19.34	19.02	20.50
	75	LOW	64QAM	19.50	19.32	19.31	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.21	19.27	19.08	20.50
		MID	QPSK	19.17	19.20	19.11	20.50
		HIGH	QPSK	19.21	19.21	18.94	20.50
	50	LOW	QPSK	19.22	19.40	19.14	20.50
		MID	QPSK	19.31	19.30	19.17	20.50
		HIGH	QPSK	19.35	19.26	19.19	20.50
	100	LOW	QPSK	19.34	19.24	19.15	20.50
20	1	LOW	Q16	19.59	19.70	19.42	20.50
		MID	Q16	19.55	19.71	19.59	20.50
		HIGH	Q16	19.57	19.53	19.37	20.50
	50	LOW	Q16	19.26	19.23	19.15	20.50
		MID	Q16	19.38	19.32	19.13	20.50
		HIGH	Q16	19.33	19.39	19.16	20.50
	100	LOW	Q16	19.36	19.27	19.18	20.50
20	1	LOW	64QAM	19.69	19.56	19.52	20.50
		MID	64QAM	19.43	19.69	19.51	20.50
		HIGH	64QAM	19.71	19.43	19.32	20.50
	50	LOW	64QAM	19.14	19.13	19.08	20.50
		MID	64QAM	19.51	19.24	19.21	20.50
		HIGH	64QAM	19.30	19.30	19.20	20.50
	100	LOW	64QAM	19.21	19.21	19.04	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.45	22.45	22.18	24.00
		MID	QPSK	**22.57**	22.50	22.22	24.00
		HIGH	QPSK	22.53	22.48	22.15	24.00
	3	LOW	QPSK	22.50	22.47	22.21	24.00
		MID	QPSK	22.52	22.49	22.25	24.00
		HIGH	QPSK	22.54	22.50	22.19	24.00
	6	LOW	QPSK	21.56	21.55	21.23	23.00
1.4	1	LOW	Q16	21.71	21.95	21.19	23.00
		MID	Q16	21.74	21.99	21.31	23.00
		HIGH	Q16	21.71	21.85	21.27	23.00
	3	LOW	Q16	21.70	21.68	21.39	23.00
		MID	Q16	21.68	21.70	21.51	23.00
		HIGH	Q16	21.64	21.78	21.46	23.00
	6	LOW	Q16	20.77	20.48	20.47	22.00
1.4	1	LOW	64QAM	20.64	20.87	20.09	22.00
		MID	64QAM	20.76	20.87	20.19	22.00
		HIGH	64QAM	20.72	20.72	20.12	22.00
	3	LOW	64QAM	20.82	20.64	20.38	22.00
		MID	64QAM	20.79	20.70	20.45	22.00
		HIGH	64QAM	20.69	20.68	20.39	22.00
	6	LOW	64QAM	19.68	19.36	19.37	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.57	22.46	22.27	24.00
		MID	QPSK	**22.63**	22.57	22.36	24.00
		HIGH	QPSK	22.59	22.55	22.29	24.00
	8	LOW	QPSK	21.64	21.50	21.31	23.00
		MID	QPSK	21.63	21.61	21.35	23.00
		HIGH	QPSK	21.68	21.66	21.33	23.00
	15	LOW	QPSK	21.65	21.53	21.35	23.00
3	1	LOW	Q16	21.57	21.95	21.38	23.00
		MID	Q16	21.67	22.09	21.41	23.00
		HIGH	Q16	21.58	22.02	21.36	23.00
	8	LOW	Q16	20.74	20.61	20.38	22.00
		MID	Q16	20.73	20.72	20.38	22.00
		HIGH	Q16	20.77	20.72	20.37	22.00
	15	LOW	Q16	20.70	20.61	20.33	22.00
3	1	LOW	64QAM	20.56	20.83	20.35	22.00
		MID	64QAM	20.65	21.13	20.41	22.00
		HIGH	64QAM	20.51	21.03	20.44	22.00
	8	LOW	64QAM	20.71	20.55	20.29	22.00
		MID	64QAM	20.75	20.80	20.23	22.00
		HIGH	64QAM	20.89	20.72	20.31	22.00
	15	LOW	64QAM	19.78	19.51	19.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.49	22.28	24.00
		MID	QPSK	**22.63**	22.60	22.30	24.00
		HIGH	QPSK	22.52	22.59	22.24	24.00
	12	LOW	QPSK	21.60	21.49	21.37	23.00
		MID	QPSK	21.62	21.55	21.37	23.00
		HIGH	QPSK	21.59	21.64	21.31	23.00
	25	LOW	QPSK	21.61	21.49	21.36	23.00
5	1	LOW	Q16	21.78	22.04	21.49	23.00
		MID	Q16	21.83	22.20	21.49	23.00
		HIGH	Q16	21.82	22.17	21.47	23.00
	12	LOW	Q16	20.70	20.67	20.44	22.00
		MID	Q16	20.73	20.71	20.49	22.00
		HIGH	Q16	20.73	20.78	20.44	22.00
	25	LOW	Q16	20.62	20.60	20.33	22.00
5	1	LOW	64QAM	20.76	21.13	20.44	22.00
		MID	64QAM	20.97	21.06	20.60	22.00
		HIGH	64QAM	20.75	21.28	20.48	22.00
	12	LOW	64QAM	19.59	19.73	19.46	21.00
		MID	64QAM	19.66	19.82	19.39	21.00
		HIGH	64QAM	19.85	19.91	19.32	21.00
	25	LOW	64QAM	19.69	19.53	19.28	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.53	22.45	22.44	24.00
		MID	QPSK	22.51	22.49	22.41	24.00
		HIGH	QPSK	22.52	**22.57**	22.28	24.00
	25	LOW	QPSK	21.63	21.52	21.38	23.00
		MID	QPSK	21.65	21.59	21.38	23.00
		HIGH	QPSK	21.66	21.70	21.44	23.00
	50	LOW	QPSK	21.65	21.57	21.39	23.00
10	1	LOW	Q16	21.56	21.92	21.47	23.00
		MID	Q16	21.50	21.98	21.28	23.00
		HIGH	Q16	21.56	22.01	21.31	23.00
	25	LOW	Q16	20.64	20.59	20.49	22.00
		MID	Q16	20.69	20.63	20.53	22.00
		HIGH	Q16	20.71	20.70	20.52	22.00
	50	LOW	Q16	20.64	20.60	20.44	22.00
10	1	LOW	64QAM	20.55	20.80	20.55	22.00
		MID	64QAM	20.65	21.13	20.26	22.00
		HIGH	64QAM	20.53	20.88	20.41	22.00
	25	LOW	64QAM	19.74	19.60	19.43	21.00
		MID	64QAM	19.57	19.67	19.60	21.00
		HIGH	64QAM	19.77	19.72	19.64	21.00
	50	LOW	64QAM	19.52	19.57	19.59	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.48	24.00
		MID	QPSK	22.54	22.54	22.47	24.00
		HIGH	QPSK	**22.59**	22.54	22.25	24.00
	36	LOW	QPSK	21.62	21.53	21.43	23.00
		MID	QPSK	21.67	21.61	21.57	23.00
		HIGH	QPSK	21.68	21.70	21.48	23.00
	75	LOW	QPSK	21.63	21.57	21.54	23.00
15	1	LOW	Q16	21.36	22.06	21.87	23.00
		MID	Q16	21.49	22.01	21.83	23.00
		HIGH	Q16	21.63	22.03	21.84	23.00
	36	LOW	Q16	20.62	20.61	20.46	22.00
		MID	Q16	20.70	20.65	20.54	22.00
		HIGH	Q16	20.64	20.76	20.45	22.00
	75	LOW	Q16	20.64	20.63	20.53	22.00
15	1	LOW	64QAM	20.42	21.18	20.91	22.00
		MID	64QAM	20.35	21.00	20.71	22.00
		HIGH	64QAM	20.71	20.88	20.76	22.00
	36	LOW	64QAM	19.77	19.59	19.58	21.00
		MID	64QAM	19.84	19.62	19.48	21.00
		HIGH	64QAM	19.56	19.72	19.36	21.00
	75	LOW	64QAM	19.75	19.61	19.57	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.53	**22.59**	22.48	24.00
		MID	QPSK	22.50	22.52	22.41	24.00
		HIGH	QPSK	22.53	22.56	22.26	24.00
	50	LOW	QPSK	21.57	21.68	21.53	23.00
		MID	QPSK	21.67	21.60	21.50	23.00
		HIGH	QPSK	21.67	21.57	21.51	23.00
	100	LOW	QPSK	21.67	21.59	21.50	23.00
20	1	LOW	Q16	22.16	22.09	21.92	23.00
		MID	Q16	22.17	22.05	21.86	23.00
		HIGH	Q16	22.19	22.14	21.71	23.00
	50	LOW	Q16	20.58	20.61	20.45	22.00
		MID	Q16	20.69	20.62	20.47	22.00
		HIGH	Q16	20.68	20.71	20.49	22.00
	100	LOW	Q16	20.73	20.61	20.52	22.00
20	1	LOW	64QAM	21.24	21.02	21.00	22.00
		MID	64QAM	21.31	21.01	20.90	22.00
		HIGH	64QAM	21.34	21.07	20.57	22.00
	50	LOW	64QAM	19.68	19.70	19.35	21.00
		MID	64QAM	19.68	19.71	19.54	21.00
		HIGH	64QAM	19.78	19.85	19.63	21.00
	100	LOW	64QAM	19.59	19.59	19.53	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.77	17.75	17.61	19.00
		MID	QPSK	17.76	17.83	17.56	19.00
		HIGH	QPSK	17.67	17.80	17.64	19.00
	3	LOW	QPSK	17.66	17.61	17.69	19.00
		MID	QPSK	17.67	17.86	17.57	19.00
		HIGH	QPSK	17.85	17.75	17.62	19.00
	6	LOW	QPSK	17.81	17.59	17.74	19.00
1.4	1	LOW	Q16	17.97	18.00	17.75	19.00
		MID	Q16	18.06	18.11	17.95	19.00
		HIGH	Q16	18.06	18.07	17.91	19.00
	3	LOW	Q16	17.82	17.85	17.52	19.00
		MID	Q16	18.12	17.79	17.60	19.00
		HIGH	Q16	17.74	17.93	17.73	19.00
	6	LOW	Q16	17.67	17.64	17.56	19.00
1.4	1	LOW	64QAM	17.99	18.00	18.04	19.00
		MID	64QAM	18.09	**18.17**	17.99	19.00
		HIGH	64QAM	**18.17**	17.96	17.83	19.00
	3	LOW	64QAM	17.74	17.59	17.60	19.00
		MID	64QAM	18.12	17.66	17.65	19.00
		HIGH	64QAM	17.68	17.77	17.77	19.00
	6	LOW	64QAM	17.84	17.69	17.62	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.54	17.78	17.62	19.00
		MID	QPSK	17.59	17.56	17.66	19.00
		HIGH	QPSK	17.86	17.74	17.56	19.00
	8	LOW	QPSK	17.59	17.82	17.71	19.00
		MID	QPSK	17.76	17.59	17.68	19.00
		HIGH	QPSK	17.68	17.81	17.70	19.00
	15	LOW	QPSK	17.62	17.78	17.63	19.00
3	1	LOW	Q16	17.88	18.06	17.81	19.00
		MID	Q16	17.96	17.88	17.98	19.00
		HIGH	Q16	17.99	17.90	17.98	19.00
	8	LOW	Q16	17.82	17.58	17.73	19.00
		MID	Q16	17.98	17.95	17.65	19.00
		HIGH	Q16	17.89	17.98	17.54	19.00
	15	LOW	Q16	17.91	17.77	17.69	19.00
3	1	LOW	64QAM	17.97	17.96	17.95	19.00
		MID	64QAM	18.00	18.06	18.00	19.00
		HIGH	64QAM	18.12	18.08	17.82	19.00
	8	LOW	64QAM	17.79	17.81	17.75	19.00
		MID	64QAM	**18.15**	17.87	17.74	19.00
		HIGH	64QAM	17.92	17.79	17.63	19.00
	15	LOW	64QAM	17.97	17.82	17.88	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.66	17.74	17.69	19.00
		MID	QPSK	17.55	17.67	17.59	19.00
		HIGH	QPSK	17.66	17.70	17.69	19.00
	12	LOW	QPSK	17.56	17.69	17.53	19.00
		MID	QPSK	17.75	17.75	17.53	19.00
		HIGH	QPSK	17.83	17.81	17.64	19.00
	25	LOW	QPSK	17.66	17.59	17.78	19.00
5	1	LOW	Q16	18.00	**18.13**	18.03	19.00
		MID	Q16	17.97	18.01	17.83	19.00
		HIGH	Q16	17.91	18.02	18.03	19.00
	12	LOW	Q16	17.77	17.72	17.70	19.00
		MID	Q16	18.05	17.88	17.72	19.00
		HIGH	Q16	17.91	17.91	17.58	19.00
	25	LOW	Q16	17.88	17.64	17.52	19.00
5	1	LOW	64QAM	17.97	18.02	17.87	19.00
		MID	64QAM	18.03	18.01	17.77	19.00
		HIGH	64QAM	18.07	17.94	17.77	19.00
	12	LOW	64QAM	17.66	17.68	17.56	19.00
		MID	64QAM	18.03	17.68	17.53	19.00
		HIGH	64QAM	17.87	17.97	17.78	19.00
	25	LOW	64QAM	17.95	17.63	17.62	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.50	17.62	17.56	19.00
		MID	QPSK	17.70	17.65	17.66	19.00
		HIGH	QPSK	17.85	17.74	17.71	19.00
	25	LOW	QPSK	17.52	17.73	17.62	19.00
		MID	QPSK	17.68	17.73	17.69	19.00
		HIGH	QPSK	17.84	17.80	17.55	19.00
	50	LOW	QPSK	17.68	17.66	17.56	19.00
10	1	LOW	Q16	17.99	18.07	17.81	19.00
		MID	Q16	18.10	18.10	18.13	19.00
		HIGH	Q16	18.14	17.87	17.92	19.00
	25	LOW	Q16	17.73	17.80	17.65	19.00
		MID	Q16	18.01	17.73	17.58	19.00
		HIGH	Q16	17.67	17.81	17.72	19.00
	50	LOW	Q16	17.90	17.55	17.63	19.00
10	1	LOW	64QAM	17.82	17.96	17.89	19.00
		MID	64QAM	18.02	18.01	18.09	19.00
		HIGH	64QAM	18.05	17.86	17.86	19.00
	25	LOW	64QAM	17.81	17.58	17.74	19.00
		MID	64QAM	**18.16**	17.73	17.60	19.00
		HIGH	64QAM	17.96	17.82	17.78	19.00
	50	LOW	64QAM	17.87	17.58	17.74	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.69	17.72	17.56	19.00
		MID	QPSK	17.51	17.63	17.57	19.00
		HIGH	QPSK	17.72	17.57	17.62	19.00
	36	LOW	QPSK	17.52	17.72	17.67	19.00
		MID	QPSK	17.77	17.87	17.73	19.00
		HIGH	QPSK	17.77	17.85	17.62	19.00
	75	LOW	QPSK	17.62	17.75	17.57	19.00
15	1	LOW	Q16	17.86	17.93	17.87	19.00
		MID	Q16	17.89	18.08	17.96	19.00
		HIGH	Q16	17.96	17.94	17.81	19.00
	36	LOW	Q16	17.86	17.83	17.68	19.00
		MID	Q16	**18.18**	17.69	17.59	19.00
		HIGH	Q16	17.66	17.70	17.79	19.00
	75	LOW	Q16	17.72	17.81	17.67	19.00
15	1	LOW	64QAM	17.85	18.02	17.83	19.00
		MID	64QAM	17.98	17.97	17.92	19.00
		HIGH	64QAM	17.96	17.94	17.82	19.00
	36	LOW	64QAM	17.56	17.64	17.72	19.00
		MID	64QAM	18.14	17.79	17.58	19.00
		HIGH	64QAM	17.71	17.69	17.57	19.00
	75	LOW	64QAM	17.92	17.84	17.57	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.65	**17.71**	17.56	19.00
		MID	QPSK	17.63	17.70	17.56	19.00
		HIGH	QPSK	17.67	17.68	17.61	19.00
	50	LOW	QPSK	17.62	**17.84**	17.67	19.00
		MID	QPSK	17.77	17.74	17.66	19.00
		HIGH	QPSK	17.83	17.83	17.64	19.00
	100	LOW	QPSK	17.77	17.69	17.63	19.00
20	1	LOW	Q16	18.10	17.99	17.90	19.00
		MID	Q16	18.07	18.15	18.05	19.00
		HIGH	Q16	18.06	18.00	17.90	19.00
	50	LOW	Q16	17.71	17.71	17.64	19.00
		MID	Q16	18.06	17.81	17.59	19.00
		HIGH	Q16	17.81	17.84	17.67	19.00
	100	LOW	Q16	17.82	17.70	17.60	19.00
20	1	LOW	64QAM	18.05	17.93	17.91	19.00
		MID	64QAM	18.04	**18.18**	18.03	19.00
		HIGH	64QAM	18.01	18.09	18.03	19.00
	50	LOW	64QAM	17.74	17.79	17.77	19.00
		MID	64QAM	18.03	17.67	17.73	19.00
		HIGH	64QAM	17.80	17.97	17.63	19.00
	100	LOW	64QAM	17.93	17.77	17.61	19.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.45	22.45	22.18	24.00
		MID	QPSK	**22.57**	22.50	22.22	24.00
		HIGH	QPSK	22.53	22.48	22.15	24.00
	3	LOW	QPSK	22.50	22.47	22.21	24.00
		MID	QPSK	22.52	22.49	22.25	24.00
		HIGH	QPSK	22.54	22.50	22.19	24.00
	6	LOW	QPSK	21.56	21.55	21.23	23.00
1.4	1	LOW	Q16	21.71	21.95	21.19	23.00
		MID	Q16	21.74	21.99	21.31	23.00
		HIGH	Q16	21.71	21.85	21.27	23.00
	3	LOW	Q16	21.70	21.68	21.39	23.00
		MID	Q16	21.68	21.70	21.51	23.00
		HIGH	Q16	21.64	21.78	21.46	23.00
	6	LOW	Q16	20.77	20.48	20.47	22.00
1.4	1	LOW	64QAM	20.64	20.87	20.09	22.00
		MID	64QAM	20.76	20.87	20.19	22.00
		HIGH	64QAM	20.72	20.72	20.12	22.00
	3	LOW	64QAM	20.82	20.64	20.38	22.00
		MID	64QAM	20.79	20.70	20.45	22.00
		HIGH	64QAM	20.69	20.68	20.39	22.00
	6	LOW	64QAM	19.68	19.36	19.37	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.57	22.46	22.27	24.00
		MID	QPSK	**22.63**	22.57	22.36	24.00
		HIGH	QPSK	22.59	22.55	22.29	24.00
	8	LOW	QPSK	21.64	21.50	21.31	23.00
		MID	QPSK	21.63	21.61	21.35	23.00
		HIGH	QPSK	21.68	21.66	21.33	23.00
	15	LOW	QPSK	21.65	21.53	21.35	23.00
3	1	LOW	Q16	21.57	21.95	21.38	23.00
		MID	Q16	21.67	22.09	21.41	23.00
		HIGH	Q16	21.58	22.02	21.36	23.00
	8	LOW	Q16	20.74	20.61	20.38	22.00
		MID	Q16	20.73	20.72	20.38	22.00
		HIGH	Q16	20.77	20.72	20.37	22.00
	15	LOW	Q16	20.70	20.61	20.33	22.00
3	1	LOW	64QAM	20.56	20.83	20.35	22.00
		MID	64QAM	20.65	21.13	20.41	22.00
		HIGH	64QAM	20.51	21.03	20.44	22.00
	8	LOW	64QAM	20.71	20.55	20.29	22.00
		MID	64QAM	20.75	20.80	20.23	22.00
		HIGH	64QAM	20.89	20.72	20.31	22.00
	15	LOW	64QAM	19.78	19.51	19.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.49	22.28	24.00
		MID	QPSK	**22.63**	22.60	22.30	24.00
		HIGH	QPSK	22.52	22.59	22.24	24.00
	12	LOW	QPSK	21.60	21.49	21.37	23.00
		MID	QPSK	21.62	21.55	21.37	23.00
		HIGH	QPSK	21.59	21.64	21.31	23.00
	25	LOW	QPSK	21.61	21.49	21.36	23.00
5	1	LOW	Q16	21.78	22.04	21.49	23.00
		MID	Q16	21.83	22.20	21.49	23.00
		HIGH	Q16	21.82	22.17	21.47	23.00
	12	LOW	Q16	20.70	20.67	20.44	22.00
		MID	Q16	20.73	20.71	20.49	22.00
		HIGH	Q16	20.73	20.78	20.44	22.00
	25	LOW	Q16	20.62	20.60	20.33	22.00
5	1	LOW	64QAM	20.76	21.13	20.44	22.00
		MID	64QAM	20.97	21.06	20.60	22.00
		HIGH	64QAM	20.75	21.28	20.48	22.00
	12	LOW	64QAM	19.59	19.73	19.46	21.00
		MID	64QAM	19.66	19.82	19.39	21.00
		HIGH	64QAM	19.85	19.91	19.32	21.00
	25	LOW	64QAM	19.69	19.53	19.28	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.53	22.45	22.44	24.00
		MID	QPSK	22.51	22.49	22.41	24.00
		HIGH	QPSK	22.52	**22.57**	22.28	24.00
	25	LOW	QPSK	21.63	21.52	21.38	23.00
		MID	QPSK	21.65	21.59	21.38	23.00
		HIGH	QPSK	21.66	21.70	21.44	23.00
	50	LOW	QPSK	21.65	21.57	21.39	23.00
10	1	LOW	Q16	21.56	21.92	21.47	23.00
		MID	Q16	21.50	21.98	21.28	23.00
		HIGH	Q16	21.56	22.01	21.31	23.00
	25	LOW	Q16	20.64	20.59	20.49	22.00
		MID	Q16	20.69	20.63	20.53	22.00
		HIGH	Q16	20.71	20.70	20.52	22.00
	50	LOW	Q16	20.64	20.60	20.44	22.00
10	1	LOW	64QAM	20.55	20.80	20.55	22.00
		MID	64QAM	20.65	21.13	20.26	22.00
		HIGH	64QAM	20.53	20.88	20.41	22.00
	25	LOW	64QAM	19.74	19.60	19.43	21.00
		MID	64QAM	19.57	19.67	19.60	21.00
		HIGH	64QAM	19.77	19.72	19.64	21.00
	50	LOW	64QAM	19.52	19.57	19.59	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.48	24.00
		MID	QPSK	22.54	22.54	22.47	24.00
		HIGH	QPSK	**22.59**	22.54	22.25	24.00
	36	LOW	QPSK	21.62	21.53	21.43	23.00
		MID	QPSK	21.67	21.61	21.57	23.00
		HIGH	QPSK	21.68	21.70	21.48	23.00
	75	LOW	QPSK	21.63	21.57	21.54	23.00
15	1	LOW	Q16	21.36	22.06	21.87	23.00
		MID	Q16	21.49	22.01	21.83	23.00
		HIGH	Q16	21.63	22.03	21.84	23.00
	36	LOW	Q16	20.62	20.61	20.46	22.00
		MID	Q16	20.70	20.65	20.54	22.00
		HIGH	Q16	20.64	20.76	20.45	22.00
	75	LOW	Q16	20.64	20.63	20.53	22.00
15	1	LOW	64QAM	20.42	21.18	20.91	22.00
		MID	64QAM	20.35	21.00	20.71	22.00
		HIGH	64QAM	20.71	20.88	20.76	22.00
	36	LOW	64QAM	19.77	19.59	19.58	21.00
		MID	64QAM	19.84	19.62	19.48	21.00
		HIGH	64QAM	19.56	19.72	19.36	21.00
	75	LOW	64QAM	19.75	19.61	19.57	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.53	**22.59**	22.48	24.00
		MID	QPSK	22.50	22.52	22.41	24.00
		HIGH	QPSK	22.53	22.56	22.26	24.00
	50	LOW	QPSK	21.57	21.68	21.53	23.00
		MID	QPSK	21.67	21.60	21.50	23.00
		HIGH	QPSK	21.67	21.57	21.51	23.00
	100	LOW	QPSK	21.67	21.59	21.50	23.00
20	1	LOW	Q16	22.16	22.09	21.92	23.00
		MID	Q16	22.17	22.05	21.86	23.00
		HIGH	Q16	22.19	22.14	21.71	23.00
	50	LOW	Q16	20.58	20.61	20.45	22.00
		MID	Q16	20.69	20.62	20.47	22.00
		HIGH	Q16	20.68	20.71	20.49	22.00
	100	LOW	Q16	20.73	20.61	20.52	22.00
20	1	LOW	64QAM	21.24	21.02	21.00	22.00
		MID	64QAM	21.31	21.01	20.90	22.00
		HIGH	64QAM	21.34	21.07	20.57	22.00
	50	LOW	64QAM	19.68	19.70	19.35	21.00
		MID	64QAM	19.68	19.71	19.54	21.00
		HIGH	64QAM	19.78	19.85	19.63	21.00
	100	LOW	64QAM	19.59	19.59	19.53	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.45	22.45	22.18	24.00
		MID	QPSK	**22.57**	22.50	22.22	24.00
		HIGH	QPSK	22.53	22.48	22.15	24.00
	3	LOW	QPSK	22.50	22.47	22.21	24.00
		MID	QPSK	22.52	22.49	22.25	24.00
		HIGH	QPSK	22.54	22.50	22.19	24.00
	6	LOW	QPSK	21.56	21.55	21.23	23.00
1.4	1	LOW	Q16	21.71	21.95	21.19	23.00
		MID	Q16	21.74	21.99	21.31	23.00
		HIGH	Q16	21.71	21.85	21.27	23.00
	3	LOW	Q16	21.70	21.68	21.39	23.00
		MID	Q16	21.68	21.70	21.51	23.00
		HIGH	Q16	21.64	21.78	21.46	23.00
	6	LOW	Q16	20.77	20.48	20.47	22.00
1.4	1	LOW	64QAM	20.64	20.87	20.09	22.00
		MID	64QAM	20.76	20.87	20.19	22.00
		HIGH	64QAM	20.72	20.72	20.12	22.00
	3	LOW	64QAM	20.82	20.64	20.38	22.00
		MID	64QAM	20.79	20.70	20.45	22.00
		HIGH	64QAM	20.69	20.68	20.39	22.00
	6	LOW	64QAM	19.68	19.36	19.37	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.57	22.46	22.27	24.00
		MID	QPSK	**22.63**	22.57	22.36	24.00
		HIGH	QPSK	22.59	22.55	22.29	24.00
	8	LOW	QPSK	21.64	21.50	21.31	23.00
		MID	QPSK	21.63	21.61	21.35	23.00
		HIGH	QPSK	21.68	21.66	21.33	23.00
	15	LOW	QPSK	21.65	21.53	21.35	23.00
3	1	LOW	Q16	21.57	21.95	21.38	23.00
		MID	Q16	21.67	22.09	21.41	23.00
		HIGH	Q16	21.58	22.02	21.36	23.00
	8	LOW	Q16	20.74	20.61	20.38	22.00
		MID	Q16	20.73	20.72	20.38	22.00
		HIGH	Q16	20.77	20.72	20.37	22.00
	15	LOW	Q16	20.70	20.61	20.33	22.00
3	1	LOW	64QAM	20.56	20.83	20.35	22.00
		MID	64QAM	20.65	21.13	20.41	22.00
		HIGH	64QAM	20.51	21.03	20.44	22.00
	8	LOW	64QAM	20.71	20.55	20.29	22.00
		MID	64QAM	20.75	20.80	20.23	22.00
		HIGH	64QAM	20.89	20.72	20.31	22.00
	15	LOW	64QAM	19.78	19.51	19.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.49	22.28	24.00
		MID	QPSK	**22.63**	22.60	22.30	24.00
		HIGH	QPSK	22.52	22.59	22.24	24.00
	12	LOW	QPSK	21.60	21.49	21.37	23.00
		MID	QPSK	21.62	21.55	21.37	23.00
		HIGH	QPSK	21.59	21.64	21.31	23.00
	25	LOW	QPSK	21.61	21.49	21.36	23.00
5	1	LOW	Q16	21.78	22.04	21.49	23.00
		MID	Q16	21.83	22.20	21.49	23.00
		HIGH	Q16	21.82	22.17	21.47	23.00
	12	LOW	Q16	20.70	20.67	20.44	22.00
		MID	Q16	20.73	20.71	20.49	22.00
		HIGH	Q16	20.73	20.78	20.44	22.00
	25	LOW	Q16	20.62	20.60	20.33	22.00
5	1	LOW	64QAM	20.76	21.13	20.44	22.00
		MID	64QAM	20.97	21.06	20.60	22.00
		HIGH	64QAM	20.75	21.28	20.48	22.00
	12	LOW	64QAM	19.59	19.73	19.46	21.00
		MID	64QAM	19.66	19.82	19.39	21.00
		HIGH	64QAM	19.85	19.91	19.32	21.00
	25	LOW	64QAM	19.69	19.53	19.28	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.53	22.45	22.44	24.00
		MID	QPSK	22.51	22.49	22.41	24.00
		HIGH	QPSK	22.52	**22.57**	22.28	24.00
	25	LOW	QPSK	21.63	21.52	21.38	23.00
		MID	QPSK	21.65	21.59	21.38	23.00
		HIGH	QPSK	21.66	21.70	21.44	23.00
	50	LOW	QPSK	21.65	21.57	21.39	23.00
10	1	LOW	Q16	21.56	21.92	21.47	23.00
		MID	Q16	21.50	21.98	21.28	23.00
		HIGH	Q16	21.56	22.01	21.31	23.00
	25	LOW	Q16	20.64	20.59	20.49	22.00
		MID	Q16	20.69	20.63	20.53	22.00
		HIGH	Q16	20.71	20.70	20.52	22.00
	50	LOW	Q16	20.64	20.60	20.44	22.00
10	1	LOW	64QAM	20.55	20.80	20.55	22.00
		MID	64QAM	20.65	21.13	20.26	22.00
		HIGH	64QAM	20.53	20.88	20.41	22.00
	25	LOW	64QAM	19.74	19.60	19.43	21.00
		MID	64QAM	19.57	19.67	19.60	21.00
		HIGH	64QAM	19.77	19.72	19.64	21.00
	50	LOW	64QAM	19.52	19.57	19.59	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.48	24.00
		MID	QPSK	22.54	22.54	22.47	24.00
		HIGH	QPSK	**22.59**	22.54	22.25	24.00
	36	LOW	QPSK	21.62	21.53	21.43	23.00
		MID	QPSK	21.67	21.61	21.57	23.00
		HIGH	QPSK	21.68	21.70	21.48	23.00
	75	LOW	QPSK	21.63	21.57	21.54	23.00
15	1	LOW	Q16	21.36	22.06	21.87	23.00
		MID	Q16	21.49	22.01	21.83	23.00
		HIGH	Q16	21.63	22.03	21.84	23.00
	36	LOW	Q16	20.62	20.61	20.46	22.00
		MID	Q16	20.70	20.65	20.54	22.00
		HIGH	Q16	20.64	20.76	20.45	22.00
	75	LOW	Q16	20.64	20.63	20.53	22.00
15	1	LOW	64QAM	20.42	21.18	20.91	22.00
		MID	64QAM	20.35	21.00	20.71	22.00
		HIGH	64QAM	20.71	20.88	20.76	22.00
	36	LOW	64QAM	19.77	19.59	19.58	21.00
		MID	64QAM	19.84	19.62	19.48	21.00
		HIGH	64QAM	19.56	19.72	19.36	21.00
	75	LOW	64QAM	19.75	19.61	19.57	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.53	**22.59**	22.48	24.00
		MID	QPSK	22.50	22.52	22.41	24.00
		HIGH	QPSK	22.53	22.56	22.26	24.00
	50	LOW	QPSK	21.57	21.68	21.53	23.00
		MID	QPSK	21.67	21.60	21.50	23.00
		HIGH	QPSK	21.67	21.57	21.51	23.00
	100	LOW	QPSK	21.67	21.59	21.50	23.00
20	1	LOW	Q16	22.16	22.09	21.92	23.00
		MID	Q16	22.17	22.05	21.86	23.00
		HIGH	Q16	22.19	22.14	21.71	23.00
	50	LOW	Q16	20.58	20.61	20.45	22.00
		MID	Q16	20.69	20.62	20.47	22.00
		HIGH	Q16	20.68	20.71	20.49	22.00
	100	LOW	Q16	20.73	20.61	20.52	22.00
20	1	LOW	64QAM	21.24	21.02	21.00	22.00
		MID	64QAM	21.31	21.01	20.90	22.00
		HIGH	64QAM	21.34	21.07	20.57	22.00
	50	LOW	64QAM	19.68	19.70	19.35	21.00
		MID	64QAM	19.68	19.71	19.54	21.00
		HIGH	64QAM	19.78	19.85	19.63	21.00
	100	LOW	64QAM	19.59	19.59	19.53	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.48	17.62	17.58	19.00
		MID	QPSK	17.72	17.58	17.61	19.00
		HIGH	QPSK	17.84	17.75	17.71	19.00
	3	LOW	QPSK	17.44	17.74	17.57	19.00
		MID	QPSK	17.63	17.72	17.72	19.00
		HIGH	QPSK	17.77	17.77	17.57	19.00
	6	LOW	QPSK	17.70	17.62	17.52	19.00
1.4	1	LOW	Q16	17.97	17.98	17.72	19.00
		MID	Q16	18.11	18.09	18.10	19.00
		HIGH	Q16	18.06	17.90	17.86	19.00
	3	LOW	Q16	17.68	17.79	17.56	19.00
		MID	Q16	18.01	17.71	17.50	19.00
		HIGH	Q16	17.64	17.72	17.71	19.00
	6	LOW	Q16	17.83	17.58	17.64	19.00
1.4	1	LOW	64QAM	17.83	17.96	17.91	19.00
		MID	64QAM	17.97	17.96	18.01	19.00
		HIGH	64QAM	18.01	17.87	17.78	19.00
	3	LOW	64QAM	17.82	17.52	17.69	19.00
		MID	64QAM	18.17	17.71	17.53	19.00
		HIGH	64QAM	17.98	17.74	17.81	19.00
	6	LOW	64QAM	17.84	17.55	17.71	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.33	17.61	17.42	19.00
		MID	QPSK	17.71	17.58	17.55	19.00
		HIGH	QPSK	17.80	17.64	17.64	19.00
	8	LOW	QPSK	17.47	17.77	17.55	19.00
		MID	QPSK	17.58	17.66	17.59	19.00
		HIGH	QPSK	17.78	17.79	17.43	19.00
	15	LOW	QPSK	17.74	17.63	17.47	19.00
3	1	LOW	Q16	17.97	17.91	17.80	19.00
		MID	Q16	18.07	18.02	18.09	19.00
		HIGH	Q16	18.06	17.93	17.89	19.00
	8	LOW	Q16	17.77	17.79	17.57	19.00
		MID	Q16	17.88	17.71	17.53	19.00
		HIGH	Q16	17.65	17.67	17.64	19.00
	15	LOW	Q16	17.83	17.49	17.59	19.00
3	1	LOW	64QAM	17.81	17.83	17.86	19.00
		MID	64QAM	17.99	17.99	18.03	19.00
		HIGH	64QAM	18.02	17.81	17.78	19.00
	8	LOW	64QAM	17.77	17.47	17.59	19.00
		MID	64QAM	18.04	17.62	17.59	19.00
		HIGH	64QAM	17.87	17.88	17.70	19.00
	15	LOW	64QAM	17.72	17.58	17.71	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.41	17.60	17.48	19.00
		MID	QPSK	17.61	17.59	17.61	19.00
		HIGH	QPSK	17.81	17.77	17.72	19.00
	12	LOW	QPSK	17.44	17.68	17.57	19.00
		MID	QPSK	17.60	17.69	17.71	19.00
		HIGH	QPSK	17.86	17.72	17.46	19.00
	25	LOW	QPSK	17.66	17.64	17.55	19.00
5	1	LOW	Q16	17.95	18.07	17.78	19.00
		MID	Q16	18.12	18.10	18.12	19.00
		HIGH	Q16	18.12	17.85	17.83	19.00
	12	LOW	Q16	17.75	17.76	17.64	19.00
		MID	Q16	17.93	17.70	17.55	19.00
		HIGH	Q16	17.68	17.75	17.65	19.00
	25	LOW	Q16	17.91	17.53	17.66	19.00
5	1	LOW	64QAM	17.74	17.92	17.90	19.00
		MID	64QAM	18.03	17.99	18.02	19.00
		HIGH	64QAM	17.97	17.88	17.89	19.00
	12	LOW	64QAM	17.77	17.51	17.72	19.00
		MID	64QAM	18.10	17.65	17.58	19.00
		HIGH	64QAM	17.89	17.75	17.77	19.00
	25	LOW	64QAM	17.86	17.53	17.66	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.42	17.63	17.48	19.00
		MID	QPSK	17.70	17.64	17.60	19.00
		HIGH	QPSK	17.77	17.73	17.62	19.00
	25	LOW	QPSK	17.44	17.74	17.63	19.00
		MID	QPSK	17.63	17.68	17.67	19.00
		HIGH	QPSK	17.75	17.81	17.48	19.00
	50	LOW	QPSK	17.71	17.68	17.49	19.00
10	1	LOW	Q16	17.96	18.00	17.80	19.00
		MID	Q16	18.12	18.03	18.08	19.00
		HIGH	Q16	18.06	17.90	17.92	19.00
	25	LOW	Q16	17.75	17.81	17.58	19.00
		MID	Q16	17.94	17.72	17.51	19.00
		HIGH	Q16	17.63	17.73	17.73	19.00
	50	LOW	Q16	17.82	17.57	17.56	19.00
10	1	LOW	64QAM	17.82	17.88	17.92	19.00
		MID	64QAM	18.03	18.01	18.06	19.00
		HIGH	64QAM	18.04	17.87	17.78	19.00
	25	LOW	64QAM	17.78	17.56	17.67	19.00
		MID	64QAM	18.13	17.70	17.58	19.00
		HIGH	64QAM	17.94	17.85	17.79	19.00
	50	LOW	64QAM	17.81	17.58	17.69	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.69	17.72	17.56	19.00
		MID	QPSK	17.51	17.63	17.57	19.00
		HIGH	QPSK	17.72	17.57	17.62	19.00
	36	LOW	QPSK	17.52	17.72	17.67	19.00
		MID	QPSK	17.77	17.87	17.73	19.00
		HIGH	QPSK	17.77	17.85	17.62	19.00
	75	LOW	QPSK	17.62	17.75	17.57	19.00
15	1	LOW	Q16	17.86	17.93	17.87	19.00
		MID	Q16	17.89	18.08	17.96	19.00
		HIGH	Q16	17.96	17.94	17.81	19.00
	36	LOW	Q16	17.86	17.83	17.68	19.00
		MID	Q16	18.18	17.69	17.59	19.00
		HIGH	Q16	17.66	17.70	17.79	19.00
	75	LOW	Q16	17.72	17.81	17.67	19.00
15	1	LOW	64QAM	17.85	18.02	17.83	19.00
		MID	64QAM	17.98	17.97	17.92	19.00
		HIGH	64QAM	17.96	17.94	17.82	19.00
	36	LOW	64QAM	17.56	17.64	17.72	19.00
		MID	64QAM	18.14	17.79	17.58	19.00
		HIGH	64QAM	17.71	17.69	17.57	19.00
	75	LOW	64QAM	17.92	17.84	17.57	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.65	17.71	17.56	19.00
		MID	QPSK	17.63	17.70	17.56	19.00
		HIGH	QPSK	17.67	17.68	17.61	19.00
	50	LOW	QPSK	17.62	17.84	17.67	19.00
		MID	QPSK	17.77	17.74	17.66	19.00
		HIGH	QPSK	17.83	17.83	17.64	19.00
	100	LOW	QPSK	17.77	17.69	17.63	19.00
20	1	LOW	Q16	18.10	17.99	17.90	19.00
		MID	Q16	18.07	18.15	18.05	19.00
		HIGH	Q16	18.06	18.00	17.90	19.00
	50	LOW	Q16	17.71	17.71	17.64	19.00
		MID	Q16	18.06	17.81	17.59	19.00
		HIGH	Q16	17.81	17.84	17.67	19.00
	100	LOW	Q16	17.82	17.70	17.60	19.00
20	1	LOW	64QAM	18.05	17.93	17.91	19.00
		MID	64QAM	18.04	18.18	18.03	19.00
		HIGH	64QAM	18.01	18.09	18.03	19.00
	50	LOW	64QAM	17.74	17.79	17.77	19.00
		MID	64QAM	18.03	17.67	17.73	19.00
		HIGH	64QAM	17.80	17.97	17.63	19.00
	100	LOW	64QAM	17.93	17.77	17.61	19.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.45	22.45	22.18	24.00
		MID	QPSK	**22.57**	22.50	22.22	24.00
		HIGH	QPSK	22.53	22.48	22.15	24.00
	3	LOW	QPSK	22.50	22.47	22.21	24.00
		MID	QPSK	22.52	22.49	22.25	24.00
		HIGH	QPSK	22.54	22.50	22.19	24.00
	6	LOW	QPSK	21.56	21.55	21.23	23.00
1.4	1	LOW	Q16	21.71	21.95	21.19	23.00
		MID	Q16	21.74	21.99	21.31	23.00
		HIGH	Q16	21.71	21.85	21.27	23.00
	3	LOW	Q16	21.70	21.68	21.39	23.00
		MID	Q16	21.68	21.70	21.51	23.00
		HIGH	Q16	21.64	21.78	21.46	23.00
	6	LOW	Q16	20.77	20.48	20.47	22.00
1.4	1	LOW	64QAM	20.64	20.87	20.09	22.00
		MID	64QAM	20.76	20.87	20.19	22.00
		HIGH	64QAM	20.72	20.72	20.12	22.00
	3	LOW	64QAM	20.82	20.64	20.38	22.00
		MID	64QAM	20.79	20.70	20.45	22.00
		HIGH	64QAM	20.69	20.68	20.39	22.00
	6	LOW	64QAM	19.68	19.36	19.37	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.57	22.46	22.27	24.00
		MID	QPSK	**22.63**	22.57	22.36	24.00
		HIGH	QPSK	22.59	22.55	22.29	24.00
	8	LOW	QPSK	21.64	21.50	21.31	23.00
		MID	QPSK	21.63	21.61	21.35	23.00
		HIGH	QPSK	21.68	21.66	21.33	23.00
	15	LOW	QPSK	21.65	21.53	21.35	23.00
3	1	LOW	Q16	21.57	21.95	21.38	23.00
		MID	Q16	21.67	22.09	21.41	23.00
		HIGH	Q16	21.58	22.02	21.36	23.00
	8	LOW	Q16	20.74	20.61	20.38	22.00
		MID	Q16	20.73	20.72	20.38	22.00
		HIGH	Q16	20.77	20.72	20.37	22.00
	15	LOW	Q16	20.70	20.61	20.33	22.00
3	1	LOW	64QAM	20.56	20.83	20.35	22.00
		MID	64QAM	20.65	21.13	20.41	22.00
		HIGH	64QAM	20.51	21.03	20.44	22.00
	8	LOW	64QAM	20.71	20.55	20.29	22.00
		MID	64QAM	20.75	20.80	20.23	22.00
		HIGH	64QAM	20.89	20.72	20.31	22.00
	15	LOW	64QAM	19.78	19.51	19.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.49	22.28	24.00
		MID	QPSK	**22.63**	22.60	22.30	24.00
		HIGH	QPSK	22.52	22.59	22.24	24.00
	12	LOW	QPSK	21.60	21.49	21.37	23.00
		MID	QPSK	21.62	21.55	21.37	23.00
		HIGH	QPSK	21.59	21.64	21.31	23.00
	25	LOW	QPSK	21.61	21.49	21.36	23.00
5	1	LOW	Q16	21.78	22.04	21.49	23.00
		MID	Q16	21.83	22.20	21.49	23.00
		HIGH	Q16	21.82	22.17	21.47	23.00
	12	LOW	Q16	20.70	20.67	20.44	22.00
		MID	Q16	20.73	20.71	20.49	22.00
		HIGH	Q16	20.73	20.78	20.44	22.00
	25	LOW	Q16	20.62	20.60	20.33	22.00
5	1	LOW	64QAM	20.76	21.13	20.44	22.00
		MID	64QAM	20.97	21.06	20.60	22.00
		HIGH	64QAM	20.75	21.28	20.48	22.00
	12	LOW	64QAM	19.59	19.73	19.46	21.00
		MID	64QAM	19.66	19.82	19.39	21.00
		HIGH	64QAM	19.85	19.91	19.32	21.00
	25	LOW	64QAM	19.69	19.53	19.28	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.53	22.45	22.44	24.00
		MID	QPSK	22.51	22.49	22.41	24.00
		HIGH	QPSK	22.52	**22.57**	22.28	24.00
	25	LOW	QPSK	21.63	21.52	21.38	23.00
		MID	QPSK	21.65	21.59	21.38	23.00
		HIGH	QPSK	21.66	21.70	21.44	23.00
	50	LOW	QPSK	21.65	21.57	21.39	23.00
10	1	LOW	Q16	21.56	21.92	21.47	23.00
		MID	Q16	21.50	21.98	21.28	23.00
		HIGH	Q16	21.56	22.01	21.31	23.00
	25	LOW	Q16	20.64	20.59	20.49	22.00
		MID	Q16	20.69	20.63	20.53	22.00
		HIGH	Q16	20.71	20.70	20.52	22.00
	50	LOW	Q16	20.64	20.60	20.44	22.00
10	1	LOW	64QAM	20.55	20.80	20.55	22.00
		MID	64QAM	20.65	21.13	20.26	22.00
		HIGH	64QAM	20.53	20.88	20.41	22.00
	25	LOW	64QAM	19.74	19.60	19.43	21.00
		MID	64QAM	19.57	19.67	19.60	21.00
		HIGH	64QAM	19.77	19.72	19.64	21.00
	50	LOW	64QAM	19.52	19.57	19.59	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.48	24.00
		MID	QPSK	22.54	22.54	22.47	24.00
		HIGH	QPSK	**22.59**	22.54	22.25	24.00
	36	LOW	QPSK	21.62	21.53	21.43	23.00
		MID	QPSK	21.67	21.61	21.57	23.00
		HIGH	QPSK	21.68	21.70	21.48	23.00
	75	LOW	QPSK	21.63	21.57	21.54	23.00
15	1	LOW	Q16	21.36	22.06	21.87	23.00
		MID	Q16	21.49	22.01	21.83	23.00
		HIGH	Q16	21.63	22.03	21.84	23.00
	36	LOW	Q16	20.62	20.61	20.46	22.00
		MID	Q16	20.70	20.65	20.54	22.00
		HIGH	Q16	20.64	20.76	20.45	22.00
	75	LOW	Q16	20.64	20.63	20.53	22.00
15	1	LOW	64QAM	20.42	21.18	20.91	22.00
		MID	64QAM	20.35	21.00	20.71	22.00
		HIGH	64QAM	20.71	20.88	20.76	22.00
	36	LOW	64QAM	19.77	19.59	19.58	21.00
		MID	64QAM	19.84	19.62	19.48	21.00
		HIGH	64QAM	19.56	19.72	19.36	21.00
	75	LOW	64QAM	19.75	19.61	19.57	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.53	**22.59**	22.48	24.00
		MID	QPSK	22.50	22.52	22.41	24.00
		HIGH	QPSK	22.53	22.56	22.26	24.00
	50	LOW	QPSK	21.57	21.68	21.53	23.00
		MID	QPSK	21.67	21.60	21.50	23.00
		HIGH	QPSK	21.67	21.57	21.51	23.00
	100	LOW	QPSK	21.67	21.59	21.50	23.00
20	1	LOW	Q16	22.16	22.09	21.92	23.00
		MID	Q16	22.17	22.05	21.86	23.00
		HIGH	Q16	22.19	22.14	21.71	23.00
	50	LOW	Q16	20.58	20.61	20.45	22.00
		MID	Q16	20.69	20.62	20.47	22.00
		HIGH	Q16	20.68	20.71	20.49	22.00
	100	LOW	Q16	20.73	20.61	20.52	22.00
20	1	LOW	64QAM	21.24	21.02	21.00	22.00
		MID	64QAM	21.31	21.01	20.90	22.00
		HIGH	64QAM	21.34	21.07	20.57	22.00
	50	LOW	64QAM	19.68	19.70	19.35	21.00
		MID	64QAM	19.68	19.71	19.54	21.00
		HIGH	64QAM	19.78	19.85	19.63	21.00
	100	LOW	64QAM	19.59	19.59	19.53	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.35	16.64	16.49	18.00
		MID	QPSK	16.70	16.71	16.69	18.00
		HIGH	QPSK	16.72	16.79	16.54	18.00
	3	LOW	QPSK	16.49	16.59	16.49	18.00
		MID	QPSK	16.46	16.63	16.58	18.00
		HIGH	QPSK	16.65	16.74	16.56	18.00
	6	LOW	QPSK	16.71	16.64	16.36	18.00
1.4	1	LOW	Q16	16.97	17.09	16.74	18.00
		MID	Q16	17.01	16.95	17.07	18.00
		HIGH	Q16	16.97	16.75	16.82	18.00
	3	LOW	Q16	16.80	16.71	16.77	18.00
		MID	Q16	17.05	16.70	16.49	18.00
		HIGH	Q16	16.67	16.79	16.59	18.00
	6	LOW	Q16	16.70	16.50	16.62	18.00
1.4	1	LOW	64QAM	16.86	16.84	16.73	18.00
		MID	64QAM	16.87	17.06	17.01	18.00
		HIGH	64QAM	16.90	16.68	16.94	18.00
	3	LOW	64QAM	16.71	16.53	16.77	18.00
		MID	64QAM	**17.17**	16.55	16.68	18.00
		HIGH	64QAM	16.84	16.70	16.61	18.00
	6	LOW	64QAM	16.71	16.46	16.75	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	16.28	16.63	16.49	18.00
		MID	QPSK	16.64	16.61	16.62	18.00
		HIGH	QPSK	16.73	16.73	16.62	18.00
	8	LOW	QPSK	16.48	16.60	16.49	18.00
		MID	QPSK	16.45	16.63	16.58	18.00
		HIGH	QPSK	16.63	16.75	16.51	18.00
	15	LOW	QPSK	16.63	16.58	16.38	18.00
3	1	LOW	Q16	16.95	17.09	16.82	18.00
		MID	Q16	17.06	16.93	17.10	18.00
		HIGH	Q16	17.07	16.68	16.72	18.00
	8	LOW	Q16	16.76	16.76	16.66	18.00
		MID	Q16	17.02	16.70	16.52	18.00
		HIGH	Q16	16.59	16.87	16.50	18.00
	15	LOW	Q16	16.73	16.60	16.69	18.00
3	1	LOW	64QAM	16.82	16.87	16.84	18.00
		MID	64QAM	16.84	17.06	17.07	18.00
		HIGH	64QAM	16.96	16.68	16.84	18.00
	8	LOW	64QAM	16.63	16.56	16.76	18.00
		MID	64QAM	**17.15**	16.56	16.62	18.00
		HIGH	64QAM	16.87	16.64	16.60	18.00
	15	LOW	64QAM	16.73	16.41	16.75	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	16.31	16.74	16.52	18.00
		MID	QPSK	16.58	16.60	16.73	18.00
		HIGH	QPSK	16.76	16.71	16.51	18.00
	12	LOW	QPSK	16.48	16.67	16.47	18.00
		MID	QPSK	16.54	16.67	16.66	18.00
		HIGH	QPSK	16.66	16.84	16.52	18.00
	25	LOW	QPSK	16.60	16.67	16.34	18.00
5	1	LOW	Q16	16.99	17.10	16.74	18.00
		MID	Q16	17.03	16.95	17.03	18.00
		HIGH	Q16	17.04	16.73	16.77	18.00
	12	LOW	Q16	16.78	16.65	16.73	18.00
		MID	Q16	17.07	16.66	16.42	18.00
		HIGH	Q16	16.65	16.82	16.58	18.00
	25	LOW	Q16	16.67	16.58	16.70	18.00
5	1	LOW	64QAM	16.89	16.94	16.75	18.00
		MID	64QAM	16.80	16.96	16.98	18.00
		HIGH	64QAM	16.87	16.68	16.85	18.00
	12	LOW	64QAM	16.73	16.56	16.69	18.00
		MID	64QAM	**17.12**	16.51	16.62	18.00
		HIGH	64QAM	16.89	16.65	16.63	18.00
	25	LOW	64QAM	16.71	16.46	16.75	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	16.37	16.72	16.58	18.00
		MID	QPSK	16.67	16.68	16.70	18.00
		HIGH	QPSK	16.80	16.76	16.59	18.00
	25	LOW	QPSK	16.57	16.66	16.53	18.00
		MID	QPSK	16.53	16.71	16.65	18.00
		HIGH	QPSK	16.71	16.81	16.57	18.00
	50	LOW	QPSK	16.69	16.65	16.40	18.00
10	1	LOW	Q16	17.04	17.09	16.80	18.00
		MID	Q16	17.09	16.93	17.09	18.00
		HIGH	Q16	17.04	16.76	16.80	18.00
	25	LOW	Q16	16.80	16.73	16.74	18.00
		MID	Q16	17.11	16.67	16.51	18.00
		HIGH	Q16	16.65	16.84	16.59	18.00
	50	LOW	Q16	16.73	16.58	16.71	18.00
10	1	LOW	64QAM	16.90	16.91	16.82	18.00
		MID	64QAM	16.88	17.03	17.04	18.00
		HIGH	64QAM	16.93	16.69	16.93	18.00
	25	LOW	64QAM	16.72	16.55	16.74	18.00
		MID	64QAM	**17.15**	16.55	16.67	18.00
		HIGH	64QAM	16.88	16.71	16.64	18.00
	50	LOW	64QAM	16.80	16.44	16.75	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	16.54	16.71	16.49	18.00
		MID	QPSK	16.48	16.62	16.43	18.00
		HIGH	QPSK	16.63	16.48	16.61	18.00
	36	LOW	QPSK	16.36	16.82	16.64	18.00
		MID	QPSK	16.77	16.72	16.82	18.00
		HIGH	QPSK	16.84	16.77	16.70	18.00
	75	LOW	QPSK	16.71	16.62	16.67	18.00
15	1	LOW	Q16	16.75	16.93	16.81	18.00
		MID	Q16	16.83	17.10	16.82	18.00
		HIGH	Q16	16.97	16.76	16.79	18.00
	36	LOW	Q16	16.73	16.89	16.77	18.00
		MID	Q16	17.01	16.67	16.51	18.00
		HIGH	Q16	16.71	16.70	16.62	18.00
	75	LOW	Q16	16.60	16.80	16.59	18.00
15	1	LOW	64QAM	16.72	17.07	16.67	18.00
		MID	64QAM	16.87	17.07	16.78	18.00
		HIGH	64QAM	16.89	16.95	16.63	18.00
	36	LOW	64QAM	16.52	16.48	16.82	18.00
		MID	64QAM	**17.11**	16.89	16.43	18.00
		HIGH	64QAM	16.74	16.67	16.44	18.00
	75	LOW	64QAM	16.97	16.93	16.60	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	16.74	16.73	16.48	18.00
		MID	QPSK	16.70	**16.76**	16.41	18.00
		HIGH	QPSK	16.58	16.64	16.68	18.00
	50	LOW	QPSK	16.71	**16.91**	16.71	18.00
		MID	QPSK	16.73	16.56	16.62	18.00
		HIGH	QPSK	16.85	16.88	16.72	18.00
	100	LOW	QPSK	16.58	16.56	16.65	18.00
20	1	LOW	Q16	17.13	16.83	16.89	18.00
		MID	Q16	17.16	**17.25**	17.12	18.00
		HIGH	Q16	17.06	16.97	16.98	18.00
	50	LOW	Q16	16.62	16.65	16.64	18.00
		MID	Q16	17.00	16.80	16.41	18.00
		HIGH	Q16	16.66	16.66	16.70	18.00
	100	LOW	Q16	16.91	16.79	16.49	18.00
20	1	LOW	64QAM	16.89	16.81	16.80	18.00
		MID	64QAM	16.87	17.05	17.08	18.00
		HIGH	64QAM	17.05	16.90	17.08	18.00
	50	LOW	64QAM	16.71	16.88	16.77	18.00
		MID	64QAM	16.91	16.50	16.65	18.00
		HIGH	64QAM	16.66	16.94	16.50	18.00
	100	LOW	64QAM	16.78	16.84	16.66	18.00

LTE B2-State 20 -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.45	22.45	22.18	24.00
		MID	QPSK	**22.57**	22.50	22.22	24.00
		HIGH	QPSK	22.53	22.48	22.15	24.00
	3	LOW	QPSK	22.50	22.47	22.21	24.00
		MID	QPSK	22.52	22.49	22.25	24.00
		HIGH	QPSK	22.54	22.50	22.19	24.00
	6	LOW	QPSK	21.56	21.55	21.23	23.00
1.4	1	LOW	Q16	21.71	21.95	21.19	23.00
		MID	Q16	21.74	21.99	21.31	23.00
		HIGH	Q16	21.71	21.85	21.27	23.00
	3	LOW	Q16	21.70	21.68	21.39	23.00
		MID	Q16	21.68	21.70	21.51	23.00
		HIGH	Q16	21.64	21.78	21.46	23.00
	6	LOW	Q16	20.77	20.48	20.47	22.00
1.4	1	LOW	64QAM	20.64	20.87	20.09	22.00
		MID	64QAM	20.76	20.87	20.19	22.00
		HIGH	64QAM	20.72	20.72	20.12	22.00
	3	LOW	64QAM	20.82	20.64	20.38	22.00
		MID	64QAM	20.79	20.70	20.45	22.00
		HIGH	64QAM	20.69	20.68	20.39	22.00
	6	LOW	64QAM	19.68	19.36	19.37	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.57	22.46	22.27	24.00
		MID	QPSK	**22.63**	22.57	22.36	24.00
		HIGH	QPSK	22.59	22.55	22.29	24.00
	8	LOW	QPSK	21.64	21.50	21.31	23.00
		MID	QPSK	21.63	21.61	21.35	23.00
		HIGH	QPSK	21.68	21.66	21.33	23.00
	15	LOW	QPSK	21.65	21.53	21.35	23.00
3	1	LOW	Q16	21.57	21.95	21.38	23.00
		MID	Q16	21.67	22.09	21.41	23.00
		HIGH	Q16	21.58	22.02	21.36	23.00
	8	LOW	Q16	20.74	20.61	20.38	22.00
		MID	Q16	20.73	20.72	20.38	22.00
		HIGH	Q16	20.77	20.72	20.37	22.00
	15	LOW	Q16	20.70	20.61	20.33	22.00
3	1	LOW	64QAM	20.56	20.83	20.35	22.00
		MID	64QAM	20.65	21.13	20.41	22.00
		HIGH	64QAM	20.51	21.03	20.44	22.00
	8	LOW	64QAM	20.71	20.55	20.29	22.00
		MID	64QAM	20.75	20.80	20.23	22.00
		HIGH	64QAM	20.89	20.72	20.31	22.00
	15	LOW	64QAM	19.78	19.51	19.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.49	22.49	22.28	24.00
		MID	QPSK	**22.63**	22.60	22.30	24.00
		HIGH	QPSK	22.52	22.59	22.24	24.00
	12	LOW	QPSK	21.60	21.49	21.37	23.00
		MID	QPSK	21.62	21.55	21.37	23.00
		HIGH	QPSK	21.59	21.64	21.31	23.00
	25	LOW	QPSK	21.61	21.49	21.36	23.00
5	1	LOW	Q16	21.78	22.04	21.49	23.00
		MID	Q16	21.83	22.20	21.49	23.00
		HIGH	Q16	21.82	22.17	21.47	23.00
	12	LOW	Q16	20.70	20.67	20.44	22.00
		MID	Q16	20.73	20.71	20.49	22.00
		HIGH	Q16	20.73	20.78	20.44	22.00
	25	LOW	Q16	20.62	20.60	20.33	22.00
5	1	LOW	64QAM	20.76	21.13	20.44	22.00
		MID	64QAM	20.97	21.06	20.60	22.00
		HIGH	64QAM	20.75	21.28	20.48	22.00
	12	LOW	64QAM	19.59	19.73	19.46	21.00
		MID	64QAM	19.66	19.82	19.39	21.00
		HIGH	64QAM	19.85	19.91	19.32	21.00
	25	LOW	64QAM	19.69	19.53	19.28	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.53	22.45	22.44	24.00
		MID	QPSK	22.51	22.49	22.41	24.00
		HIGH	QPSK	22.52	**22.57**	22.28	24.00
	25	LOW	QPSK	21.63	21.52	21.38	23.00
		MID	QPSK	21.65	21.59	21.38	23.00
		HIGH	QPSK	21.66	21.70	21.44	23.00
	50	LOW	QPSK	21.65	21.57	21.39	23.00
10	1	LOW	Q16	21.56	21.92	21.47	23.00
		MID	Q16	21.50	21.98	21.28	23.00
		HIGH	Q16	21.56	22.01	21.31	23.00
	25	LOW	Q16	20.64	20.59	20.49	22.00
		MID	Q16	20.69	20.63	20.53	22.00
		HIGH	Q16	20.71	20.70	20.52	22.00
	50	LOW	Q16	20.64	20.60	20.44	22.00
10	1	LOW	64QAM	20.55	20.80	20.55	22.00
		MID	64QAM	20.65	21.13	20.26	22.00
		HIGH	64QAM	20.53	20.88	20.41	22.00
	25	LOW	64QAM	19.74	19.60	19.43	21.00
		MID	64QAM	19.57	19.67	19.60	21.00
		HIGH	64QAM	19.77	19.72	19.64	21.00
	50	LOW	64QAM	19.52	19.57	19.59	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.48	22.54	22.48	24.00
		MID	QPSK	22.54	22.54	22.47	24.00
		HIGH	QPSK	**22.59**	22.54	22.25	24.00
	36	LOW	QPSK	21.62	21.53	21.43	23.00
		MID	QPSK	21.67	21.61	21.57	23.00
		HIGH	QPSK	21.68	21.70	21.48	23.00
	75	LOW	QPSK	21.63	21.57	21.54	23.00
15	1	LOW	Q16	21.36	22.06	21.87	23.00
		MID	Q16	21.49	22.01	21.83	23.00
		HIGH	Q16	21.63	22.03	21.84	23.00
	36	LOW	Q16	20.62	20.61	20.46	22.00
		MID	Q16	20.70	20.65	20.54	22.00
		HIGH	Q16	20.64	20.76	20.45	22.00
	75	LOW	Q16	20.64	20.63	20.53	22.00
15	1	LOW	64QAM	20.42	21.18	20.91	22.00
		MID	64QAM	20.35	21.00	20.71	22.00
		HIGH	64QAM	20.71	20.88	20.76	22.00
	36	LOW	64QAM	19.77	19.59	19.58	21.00
		MID	64QAM	19.84	19.62	19.48	21.00
		HIGH	64QAM	19.56	19.72	19.36	21.00
	75	LOW	64QAM	19.75	19.61	19.57	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.53	**22.59**	22.48	24.00
		MID	QPSK	22.50	22.52	22.41	24.00
		HIGH	QPSK	22.53	22.56	22.26	24.00
	50	LOW	QPSK	21.57	21.68	21.53	23.00
		MID	QPSK	21.67	21.60	21.50	23.00
		HIGH	QPSK	21.67	21.57	21.51	23.00
	100	LOW	QPSK	21.67	21.59	21.50	23.00
20	1	LOW	Q16	22.16	22.09	21.92	23.00
		MID	Q16	22.17	22.05	21.86	23.00
		HIGH	Q16	22.19	22.14	21.71	23.00
	50	LOW	Q16	20.58	20.61	20.45	22.00
		MID	Q16	20.69	20.62	20.47	22.00
		HIGH	Q16	20.68	20.71	20.49	22.00
	100	LOW	Q16	20.73	20.61	20.52	22.00
20	1	LOW	64QAM	21.24	21.02	21.00	22.00
		MID	64QAM	21.31	21.01	20.90	22.00
		HIGH	64QAM	21.34	21.07	20.57	22.00
	50	LOW	64QAM	19.68	19.70	19.35	21.00
		MID	64QAM	19.68	19.71	19.54	21.00
		HIGH	64QAM	19.78	19.85	19.63	21.00
	100	LOW	64QAM	19.59	19.59	19.53	21.00

LTE B2-Full Power -Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.87	21.86	21.60	22.50
		MID	QPSK	21.90	21.90	21.67	22.50
		HIGH	QPSK	21.88	21.91	21.58	22.50
	3	LOW	QPSK	21.94	21.83	21.65	22.50
		MID	QPSK	21.86	21.87	21.62	22.50
		HIGH	QPSK	21.93	21.84	21.62	22.50
	6	LOW	QPSK	20.92	20.86	20.70	21.50
1.4	1	LOW	Q16	21.06	21.26	20.61	21.50
		MID	Q16	21.13	21.37	20.76	21.50
		HIGH	Q16	21.10	21.28	20.72	21.50
	3	LOW	Q16	21.06	21.20	20.91	21.50
		MID	Q16	21.07	21.19	20.96	21.50
		HIGH	Q16	21.05	21.09	20.85	21.50
	6	LOW	Q16	20.21	19.86	19.88	20.50
1.4	1	LOW	64QAM	20.11	20.37	19.75	20.50
		MID	64QAM	20.06	20.29	19.65	20.50
		HIGH	64QAM	20.20	20.28	19.62	20.50
	3	LOW	64QAM	20.17	20.08	19.98	20.50
		MID	64QAM	20.12	20.23	19.92	20.50
		HIGH	64QAM	20.05	20.01	19.73	20.50
	6	LOW	64QAM	19.17	18.73	18.83	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	21.97	21.91	21.73	22.50
		MID	QPSK	21.98	21.94	21.76	22.50
		HIGH	QPSK	21.99	21.94	21.75	22.50
	8	LOW	QPSK	20.99	20.94	20.78	21.50
		MID	QPSK	21.03	20.99	20.78	21.50
		HIGH	QPSK	20.95	21.02	20.77	21.50
	15	LOW	QPSK	21.02	20.97	20.79	21.50
3	1	LOW	Q16	20.95	21.46	20.87	21.50
		MID	Q16	21.06	21.08	20.88	21.50
		HIGH	Q16	20.98	21.03	20.77	21.50
	8	LOW	Q16	20.14	19.98	19.85	20.50
		MID	Q16	20.13	20.12	19.82	20.50
		HIGH	Q16	20.13	20.11	19.83	20.50
	15	LOW	Q16	20.08	19.98	19.80	20.50
3	1	LOW	64QAM	19.84	20.44	19.80	20.50
		MID	64QAM	20.09	20.00	19.98	20.50
		HIGH	64QAM	19.99	20.46	19.92	20.50
	8	LOW	64QAM	19.16	19.03	18.93	19.50
		MID	64QAM	19.25	19.06	18.97	19.50
		HIGH	64QAM	18.98	19.18	18.79	19.50
	15	LOW	64QAM	19.09	18.88	18.95	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	21.86	21.89	21.69	22.50
		MID	QPSK	22.00	22.00	21.81	22.50
		HIGH	QPSK	21.91	22.00	21.70	22.50
	12	LOW	QPSK	20.99	20.88	20.78	21.50
		MID	QPSK	21.03	20.96	20.81	21.50
		HIGH	QPSK	21.05	20.96	20.75	21.50
	25	LOW	QPSK	21.00	20.90	20.78	21.50
5	1	LOW	Q16	21.11	21.40	20.93	21.50
		MID	Q16	21.22	21.36	21.00	21.50
		HIGH	Q16	21.19	21.32	20.91	21.50
	12	LOW	Q16	20.09	20.06	19.91	20.50
		MID	Q16	20.12	20.08	19.93	20.50
		HIGH	Q16	20.14	20.18	19.90	20.50
	25	LOW	Q16	20.02	20.02	19.76	20.50
5	1	LOW	64QAM	20.18	20.49	19.93	20.50
		MID	64QAM	20.26	20.31	19.88	20.50
		HIGH	64QAM	20.08	20.47	19.91	20.50
	12	LOW	64QAM	19.23	19.15	18.82	19.50
		MID	64QAM	19.24	18.99	18.94	19.50
		HIGH	64QAM	19.00	19.27	18.90	19.50
	25	LOW	64QAM	18.94	18.90	18.64	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	21.95	21.84	21.85	22.50
		MID	QPSK	21.92	21.91	21.82	22.50
		HIGH	QPSK	21.90	21.92	21.71	22.50
	25	LOW	QPSK	21.02	20.96	20.83	21.50
		MID	QPSK	21.09	20.97	20.80	21.50
		HIGH	QPSK	21.07	21.05	20.83	21.50
	50	LOW	QPSK	21.05	20.95	20.81	21.50
10	1	LOW	Q16	20.92	21.34	20.86	21.50
		MID	Q16	20.91	21.35	20.82	21.50
		HIGH	Q16	20.95	21.42	20.72	21.50
	25	LOW	Q16	20.04	20.01	19.92	20.50
		MID	Q16	20.07	20.01	19.93	20.50
		HIGH	Q16	20.06	20.06	19.94	20.50
	50	LOW	Q16	20.04	19.96	19.85	20.50
10	1	LOW	64QAM	19.98	20.24	19.86	20.50
		MID	64QAM	19.95	20.43	19.69	20.50
		HIGH	64QAM	20.03	20.46	19.58	20.50
	25	LOW	64QAM	19.04	18.97	19.04	19.50
		MID	64QAM	19.21	19.12	18.81	19.50
		HIGH	64QAM	18.98	19.18	19.03	19.50
	50	LOW	64QAM	18.96	19.01	19.00	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	21.91	21.93	21.87	22.50
		MID	QPSK	21.91	21.95	21.85	22.50
		HIGH	QPSK	22.01	21.90	21.69	22.50
	36	LOW	QPSK	21.01	20.95	20.85	21.50
		MID	QPSK	21.02	20.98	20.95	21.50
		HIGH	QPSK	21.05	21.07	20.89	21.50
	75	LOW	QPSK	21.02	20.94	20.92	21.50
15	1	LOW	Q16	20.84	21.40	21.24	21.50
		MID	Q16	20.92	21.39	21.40	21.50
		HIGH	Q16	20.97	21.41	21.25	21.50
	36	LOW	Q16	20.04	19.95	19.87	20.50
		MID	Q16	20.09	20.07	19.92	20.50
		HIGH	Q16	20.04	20.10	19.89	20.50
	75	LOW	Q16	20.05	20.00	19.93	20.50
15	1	LOW	64QAM	19.89	20.40	20.12	20.50
		MID	64QAM	20.01	20.35	20.32	20.50
		HIGH	64QAM	19.91	20.45	20.37	20.50
	36	LOW	64QAM	19.12	18.97	18.92	19.50
		MID	64QAM	19.18	19.10	18.87	19.50
		HIGH	64QAM	19.09	18.96	19.00	19.50
	75	LOW	64QAM	18.93	19.04	19.05	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	21.96	21.98	21.81	22.50
		MID	QPSK	21.96	21.88	21.81	22.50
		HIGH	QPSK	21.97	21.88	21.65	22.50
	50	LOW	QPSK	20.94	20.93	20.76	21.50
		MID	QPSK	21.11	21.00	20.99	21.50
		HIGH	QPSK	20.96	21.15	20.88	21.50
	100	LOW	QPSK	20.93	20.90	20.88	21.50
20	1	LOW	Q16	20.80	21.33	21.20	21.50
		MID	Q16	20.96	21.48	21.38	21.50
		HIGH	Q16	20.94	21.42	21.28	21.50
	50	LOW	Q16	20.02	19.88	19.79	20.50
		MID	Q16	20.06	20.03	19.97	20.50
		HIGH	Q16	20.05	20.15	19.91	20.50
	100	LOW	Q16	20.06	19.99	19.97	20.50
20	1	LOW	64QAM	19.84	20.35	20.17	20.50
		MID	64QAM	20.01	20.32	20.40	20.50
		HIGH	64QAM	19.85	20.32	20.39	20.50
	50	LOW	64QAM	19.03	19.06	18.89	19.50
		MID	64QAM	19.25	19.10	18.92	19.50
		HIGH	64QAM	19.08	18.95	18.97	19.50
	100	LOW	64QAM	18.91	19.07	18.98	19.50

LTE B2 -State 17-Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.87	21.86	21.60	22.50
		MID	QPSK	21.90	21.90	21.67	22.50
		HIGH	QPSK	21.88	21.91	21.58	22.50
	3	LOW	QPSK	21.94	21.83	21.65	22.50
		MID	QPSK	21.86	21.87	21.62	22.50
		HIGH	QPSK	21.93	21.84	21.62	22.50
	6	LOW	QPSK	20.92	20.86	20.70	21.50
1.4	1	LOW	Q16	21.06	21.26	20.61	21.50
		MID	Q16	21.13	21.37	20.76	21.50
		HIGH	Q16	21.10	21.28	20.72	21.50
	3	LOW	Q16	21.06	21.20	20.91	21.50
		MID	Q16	21.07	21.19	20.96	21.50
		HIGH	Q16	21.05	21.09	20.85	21.50
	6	LOW	Q16	20.21	19.86	19.88	20.50
1.4	1	LOW	64QAM	20.11	20.37	19.75	20.50
		MID	64QAM	20.06	20.29	19.65	20.50
		HIGH	64QAM	20.20	20.28	19.62	20.50
	3	LOW	64QAM	20.17	20.08	19.98	20.50
		MID	64QAM	20.12	20.23	19.92	20.50
		HIGH	64QAM	20.05	20.01	19.73	20.50
	6	LOW	64QAM	19.17	18.73	18.83	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	21.97	21.91	21.73	22.50
		MID	QPSK	21.98	21.94	21.76	22.50
		HIGH	QPSK	21.99	21.94	21.75	22.50
	8	LOW	QPSK	20.99	20.94	20.78	21.50
		MID	QPSK	21.03	20.99	20.78	21.50
		HIGH	QPSK	20.95	21.02	20.77	21.50
	15	LOW	QPSK	21.02	20.97	20.79	21.50
3	1	LOW	Q16	20.95	21.46	20.87	21.50
		MID	Q16	21.06	21.08	20.88	21.50
		HIGH	Q16	20.98	21.03	20.77	21.50
	8	LOW	Q16	20.14	19.98	19.85	20.50
		MID	Q16	20.13	20.12	19.82	20.50
		HIGH	Q16	20.13	20.11	19.83	20.50
	15	LOW	Q16	20.08	19.98	19.80	20.50
3	1	LOW	64QAM	19.84	20.44	19.80	20.50
		MID	64QAM	20.09	20.00	19.98	20.50
		HIGH	64QAM	19.99	20.46	19.92	20.50
	8	LOW	64QAM	19.16	19.03	18.93	19.50
		MID	64QAM	19.25	19.06	18.97	19.50
		HIGH	64QAM	18.98	19.18	18.79	19.50
	15	LOW	64QAM	19.09	18.88	18.95	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	21.86	21.89	21.69	22.50
		MID	QPSK	22.00	22.00	21.81	22.50
		HIGH	QPSK	21.91	22.00	21.70	22.50
	12	LOW	QPSK	20.99	20.88	20.78	21.50
		MID	QPSK	21.03	20.96	20.81	21.50
		HIGH	QPSK	21.05	20.96	20.75	21.50
	25	LOW	QPSK	21.00	20.90	20.78	21.50
5	1	LOW	Q16	21.11	21.40	20.93	21.50
		MID	Q16	21.22	21.36	21.00	21.50
		HIGH	Q16	21.19	21.32	20.91	21.50
	12	LOW	Q16	20.09	20.06	19.91	20.50
		MID	Q16	20.12	20.08	19.93	20.50
		HIGH	Q16	20.14	20.18	19.90	20.50
	25	LOW	Q16	20.02	20.02	19.76	20.50
5	1	LOW	64QAM	20.18	20.49	19.93	20.50
		MID	64QAM	20.26	20.31	19.88	20.50
		HIGH	64QAM	20.08	20.47	19.91	20.50
	12	LOW	64QAM	19.23	19.15	18.82	19.50
		MID	64QAM	19.24	18.99	18.94	19.50
		HIGH	64QAM	19.00	19.27	18.90	19.50
	25	LOW	64QAM	18.94	18.90	18.64	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	21.95	21.84	21.85	22.50
		MID	QPSK	21.92	21.91	21.82	22.50
		HIGH	QPSK	21.90	21.92	21.71	22.50
	25	LOW	QPSK	21.02	20.96	20.83	21.50
		MID	QPSK	21.09	20.97	20.80	21.50
		HIGH	QPSK	21.07	21.05	20.83	21.50
	50	LOW	QPSK	21.05	20.95	20.81	21.50
10	1	LOW	Q16	20.92	21.34	20.86	21.50
		MID	Q16	20.91	21.35	20.82	21.50
		HIGH	Q16	20.95	21.42	20.72	21.50
	25	LOW	Q16	20.04	20.01	19.92	20.50
		MID	Q16	20.07	20.01	19.93	20.50
		HIGH	Q16	20.06	20.06	19.94	20.50
	50	LOW	Q16	20.04	19.96	19.85	20.50
10	1	LOW	64QAM	19.98	20.24	19.86	20.50
		MID	64QAM	19.95	20.43	19.69	20.50
		HIGH	64QAM	20.03	20.46	19.58	20.50
	25	LOW	64QAM	19.04	18.97	19.04	19.50
		MID	64QAM	19.21	19.12	18.81	19.50
		HIGH	64QAM	18.98	19.18	19.03	19.50
	50	LOW	64QAM	18.96	19.01	19.00	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	21.91	21.93	21.87	22.50
		MID	QPSK	21.91	21.95	21.85	22.50
		HIGH	QPSK	22.01	21.90	21.69	22.50
	36	LOW	QPSK	21.01	20.95	20.85	21.50
		MID	QPSK	21.02	20.98	20.95	21.50
		HIGH	QPSK	21.05	21.07	20.89	21.50
	75	LOW	QPSK	21.02	20.94	20.92	21.50
15	1	LOW	Q16	20.84	21.40	21.24	21.50
		MID	Q16	20.92	21.39	21.40	21.50
		HIGH	Q16	20.97	21.41	21.25	21.50
	36	LOW	Q16	20.04	19.95	19.87	20.50
		MID	Q16	20.09	20.07	19.92	20.50
		HIGH	Q16	20.04	20.10	19.89	20.50
	75	LOW	Q16	20.05	20.00	19.93	20.50
15	1	LOW	64QAM	19.89	20.40	20.12	20.50
		MID	64QAM	20.01	20.35	20.32	20.50
		HIGH	64QAM	19.91	20.45	20.37	20.50
	36	LOW	64QAM	19.12	18.97	18.92	19.50
		MID	64QAM	19.18	19.10	18.87	19.50
		HIGH	64QAM	19.09	18.96	19.00	19.50
	75	LOW	64QAM	18.93	19.04	19.05	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	21.96	21.98	21.81	22.50
		MID	QPSK	21.96	21.88	21.81	22.50
		HIGH	QPSK	21.97	21.88	21.65	22.50
	50	LOW	QPSK	20.94	20.93	20.76	21.50
		MID	QPSK	21.11	21.00	20.99	21.50
		HIGH	QPSK	20.96	21.15	20.88	21.50
	100	LOW	QPSK	20.93	20.90	20.88	21.50
20	1	LOW	Q16	20.80	21.33	21.20	21.50
		MID	Q16	20.96	21.48	21.38	21.50
		HIGH	Q16	20.94	21.42	21.28	21.50
	50	LOW	Q16	20.02	19.88	19.79	20.50
		MID	Q16	20.06	20.03	19.97	20.50
		HIGH	Q16	20.05	20.15	19.91	20.50
	100	LOW	Q16	20.06	19.99	19.97	20.50
20	1	LOW	64QAM	19.84	20.35	20.17	20.50
		MID	64QAM	20.01	20.32	20.40	20.50
		HIGH	64QAM	19.85	20.32	20.39	20.50
	50	LOW	64QAM	19.03	19.06	18.89	19.50
		MID	64QAM	19.25	19.10	18.92	19.50
		HIGH	64QAM	19.08	18.95	18.97	19.50
	100	LOW	64QAM	18.91	19.07	18.98	19.50

LTE B2 -State 18-Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.87	21.86	21.60	22.50
		MID	QPSK	21.90	21.90	21.67	22.50
		HIGH	QPSK	21.88	21.91	21.58	22.50
	3	LOW	QPSK	21.94	21.83	21.65	22.50
		MID	QPSK	21.86	21.87	21.62	22.50
		HIGH	QPSK	21.93	21.84	21.62	22.50
	6	LOW	QPSK	20.92	20.86	20.70	21.50
1.4	1	LOW	Q16	21.06	21.26	20.61	21.50
		MID	Q16	21.13	21.37	20.76	21.50
		HIGH	Q16	21.10	21.28	20.72	21.50
	3	LOW	Q16	21.06	21.20	20.91	21.50
		MID	Q16	21.07	21.19	20.96	21.50
		HIGH	Q16	21.05	21.09	20.85	21.50
	6	LOW	Q16	20.21	19.86	19.88	20.50
1.4	1	LOW	64QAM	20.11	20.37	19.75	20.50
		MID	64QAM	20.06	20.29	19.65	20.50
		HIGH	64QAM	20.20	20.28	19.62	20.50
	3	LOW	64QAM	20.17	20.08	19.98	20.50
		MID	64QAM	20.12	20.23	19.92	20.50
		HIGH	64QAM	20.05	20.01	19.73	20.50
	6	LOW	64QAM	19.17	18.73	18.83	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	21.97	21.91	21.73	22.50
		MID	QPSK	21.98	21.94	21.76	22.50
		HIGH	QPSK	21.99	21.94	21.75	22.50
	8	LOW	QPSK	20.99	20.94	20.78	21.50
		MID	QPSK	21.03	20.99	20.78	21.50
		HIGH	QPSK	20.95	21.02	20.77	21.50
	15	LOW	QPSK	21.02	20.97	20.79	21.50
3	1	LOW	Q16	20.95	21.46	20.87	21.50
		MID	Q16	21.06	21.08	20.88	21.50
		HIGH	Q16	20.98	21.03	20.77	21.50
	8	LOW	Q16	20.14	19.98	19.85	20.50
		MID	Q16	20.13	20.12	19.82	20.50
		HIGH	Q16	20.13	20.11	19.83	20.50
	15	LOW	Q16	20.08	19.98	19.80	20.50
3	1	LOW	64QAM	19.84	20.44	19.80	20.50
		MID	64QAM	20.09	20.00	19.98	20.50
		HIGH	64QAM	19.99	20.46	19.92	20.50
	8	LOW	64QAM	19.16	19.03	18.93	19.50
		MID	64QAM	19.25	19.06	18.97	19.50
		HIGH	64QAM	18.98	19.18	18.79	19.50
	15	LOW	64QAM	19.09	18.88	18.95	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	21.86	21.89	21.69	22.50
		MID	QPSK	22.00	22.00	21.81	22.50
		HIGH	QPSK	21.91	22.00	21.70	22.50
	12	LOW	QPSK	20.99	20.88	20.78	21.50
		MID	QPSK	21.03	20.96	20.81	21.50
		HIGH	QPSK	21.05	20.96	20.75	21.50
	25	LOW	QPSK	21.00	20.90	20.78	21.50
5	1	LOW	Q16	21.11	21.40	20.93	21.50
		MID	Q16	21.22	21.36	21.00	21.50
		HIGH	Q16	21.19	21.32	20.91	21.50
	12	LOW	Q16	20.09	20.06	19.91	20.50
		MID	Q16	20.12	20.08	19.93	20.50
		HIGH	Q16	20.14	20.18	19.90	20.50
	25	LOW	Q16	20.02	20.02	19.76	20.50
5	1	LOW	64QAM	20.18	20.49	19.93	20.50
		MID	64QAM	20.26	20.31	19.88	20.50
		HIGH	64QAM	20.08	20.47	19.91	20.50
	12	LOW	64QAM	19.23	19.15	18.82	19.50
		MID	64QAM	19.24	18.99	18.94	19.50
		HIGH	64QAM	19.00	19.27	18.90	19.50
	25	LOW	64QAM	18.94	18.90	18.64	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	21.95	21.84	21.85	22.50
		MID	QPSK	21.92	21.91	21.82	22.50
		HIGH	QPSK	21.90	21.92	21.71	22.50
	25	LOW	QPSK	21.02	20.96	20.83	21.50
		MID	QPSK	21.09	20.97	20.80	21.50
		HIGH	QPSK	21.07	21.05	20.83	21.50
	50	LOW	QPSK	21.05	20.95	20.81	21.50
10	1	LOW	Q16	20.92	21.34	20.86	21.50
		MID	Q16	20.91	21.35	20.82	21.50
		HIGH	Q16	20.95	21.42	20.72	21.50
	25	LOW	Q16	20.04	20.01	19.92	20.50
		MID	Q16	20.07	20.01	19.93	20.50
		HIGH	Q16	20.06	20.06	19.94	20.50
	50	LOW	Q16	20.04	19.96	19.85	20.50
10	1	LOW	64QAM	19.98	20.24	19.86	20.50
		MID	64QAM	19.95	20.43	19.69	20.50
		HIGH	64QAM	20.03	20.46	19.58	20.50
	25	LOW	64QAM	19.04	18.97	19.04	19.50
		MID	64QAM	19.21	19.12	18.81	19.50
		HIGH	64QAM	18.98	19.18	19.03	19.50
	50	LOW	64QAM	18.96	19.01	19.00	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	21.91	21.93	21.87	22.50
		MID	QPSK	21.91	21.95	21.85	22.50
		HIGH	QPSK	22.01	21.90	21.69	22.50
	36	LOW	QPSK	21.01	20.95	20.85	21.50
		MID	QPSK	21.02	20.98	20.95	21.50
		HIGH	QPSK	21.05	21.07	20.89	21.50
	75	LOW	QPSK	21.02	20.94	20.92	21.50
15	1	LOW	Q16	20.84	21.40	21.24	21.50
		MID	Q16	20.92	21.39	21.40	21.50
		HIGH	Q16	20.97	21.41	21.25	21.50
	36	LOW	Q16	20.04	19.95	19.87	20.50
		MID	Q16	20.09	20.07	19.92	20.50
		HIGH	Q16	20.04	20.10	19.89	20.50
	75	LOW	Q16	20.05	20.00	19.93	20.50
15	1	LOW	64QAM	19.89	20.40	20.12	20.50
		MID	64QAM	20.01	20.35	20.32	20.50
		HIGH	64QAM	19.91	20.45	20.37	20.50
	36	LOW	64QAM	19.12	18.97	18.92	19.50
		MID	64QAM	19.18	19.10	18.87	19.50
		HIGH	64QAM	19.09	18.96	19.00	19.50
	75	LOW	64QAM	18.93	19.04	19.05	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	21.96	21.98	21.81	22.50
		MID	QPSK	21.96	21.88	21.81	22.50
		HIGH	QPSK	21.97	21.88	21.65	22.50
	50	LOW	QPSK	20.94	20.93	20.76	21.50
		MID	QPSK	21.11	21.00	20.99	21.50
		HIGH	QPSK	20.96	21.15	20.88	21.50
	100	LOW	QPSK	20.93	20.90	20.88	21.50
20	1	LOW	Q16	20.80	21.33	21.20	21.50
		MID	Q16	20.96	21.48	21.38	21.50
		HIGH	Q16	20.94	21.42	21.28	21.50
	50	LOW	Q16	20.02	19.88	19.79	20.50
		MID	Q16	20.06	20.03	19.97	20.50
		HIGH	Q16	20.05	20.15	19.91	20.50
	100	LOW	Q16	20.06	19.99	19.97	20.50
20	1	LOW	64QAM	19.84	20.35	20.17	20.50
		MID	64QAM	20.01	20.32	20.40	20.50
		HIGH	64QAM	19.85	20.32	20.39	20.50
	50	LOW	64QAM	19.03	19.06	18.89	19.50
		MID	64QAM	19.25	19.10	18.92	19.50
		HIGH	64QAM	19.08	18.95	18.97	19.50
	100	LOW	64QAM	18.91	19.07	18.98	19.50

LTE B2 -State 19-Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.87	21.86	21.60	22.50
		MID	QPSK	21.90	21.90	21.67	22.50
		HIGH	QPSK	21.88	21.91	21.58	22.50
	3	LOW	QPSK	21.94	21.83	21.65	22.50
		MID	QPSK	21.86	21.87	21.62	22.50
		HIGH	QPSK	21.93	21.84	21.62	22.50
	6	LOW	QPSK	20.92	20.86	20.70	21.50
1.4	1	LOW	Q16	21.06	21.26	20.61	21.50
		MID	Q16	21.13	21.37	20.76	21.50
		HIGH	Q16	21.10	21.28	20.72	21.50
	3	LOW	Q16	21.06	21.20	20.91	21.50
		MID	Q16	21.07	21.19	20.96	21.50
		HIGH	Q16	21.05	21.09	20.85	21.50
	6	LOW	Q16	20.21	19.86	19.88	20.50
1.4	1	LOW	64QAM	20.11	20.37	19.75	20.50
		MID	64QAM	20.06	20.29	19.65	20.50
		HIGH	64QAM	20.20	20.28	19.62	20.50
	3	LOW	64QAM	20.17	20.08	19.98	20.50
		MID	64QAM	20.12	20.23	19.92	20.50
		HIGH	64QAM	20.05	20.01	19.73	20.50
	6	LOW	64QAM	19.17	18.73	18.83	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	21.97	21.91	21.73	22.50
		MID	QPSK	21.98	21.94	21.76	22.50
		HIGH	QPSK	21.99	21.94	21.75	22.50
	8	LOW	QPSK	20.99	20.94	20.78	21.50
		MID	QPSK	21.03	20.99	20.78	21.50
		HIGH	QPSK	20.95	21.02	20.77	21.50
	15	LOW	QPSK	21.02	20.97	20.79	21.50
3	1	LOW	Q16	20.95	21.46	20.87	21.50
		MID	Q16	21.06	21.08	20.88	21.50
		HIGH	Q16	20.98	21.03	20.77	21.50
	8	LOW	Q16	20.14	19.98	19.85	20.50
		MID	Q16	20.13	20.12	19.82	20.50
		HIGH	Q16	20.13	20.11	19.83	20.50
	15	LOW	Q16	20.08	19.98	19.80	20.50
3	1	LOW	64QAM	19.84	20.44	19.80	20.50
		MID	64QAM	20.09	20.00	19.98	20.50
		HIGH	64QAM	19.99	20.46	19.92	20.50
	8	LOW	64QAM	19.16	19.03	18.93	19.50
		MID	64QAM	19.25	19.06	18.97	19.50
		HIGH	64QAM	18.98	19.18	18.79	19.50
	15	LOW	64QAM	19.09	18.88	18.95	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	21.86	21.89	21.69	22.50
		MID	QPSK	22.00	22.00	21.81	22.50
		HIGH	QPSK	21.91	22.00	21.70	22.50
	12	LOW	QPSK	20.99	20.88	20.78	21.50
		MID	QPSK	21.03	20.96	20.81	21.50
		HIGH	QPSK	21.05	20.96	20.75	21.50
	25	LOW	QPSK	21.00	20.90	20.78	21.50
5	1	LOW	Q16	21.11	21.40	20.93	21.50
		MID	Q16	21.22	21.36	21.00	21.50
		HIGH	Q16	21.19	21.32	20.91	21.50
	12	LOW	Q16	20.09	20.06	19.91	20.50
		MID	Q16	20.12	20.08	19.93	20.50
		HIGH	Q16	20.14	20.18	19.90	20.50
	25	LOW	Q16	20.02	20.02	19.76	20.50
5	1	LOW	64QAM	20.18	20.49	19.93	20.50
		MID	64QAM	20.26	20.31	19.88	20.50
		HIGH	64QAM	20.08	20.47	19.91	20.50
	12	LOW	64QAM	19.23	19.15	18.82	19.50
		MID	64QAM	19.24	18.99	18.94	19.50
		HIGH	64QAM	19.00	19.27	18.90	19.50
	25	LOW	64QAM	18.94	18.90	18.64	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	21.95	21.84	21.85	22.50
		MID	QPSK	21.92	21.91	21.82	22.50
		HIGH	QPSK	21.90	21.92	21.71	22.50
	25	LOW	QPSK	21.02	20.96	20.83	21.50
		MID	QPSK	21.09	20.97	20.80	21.50
		HIGH	QPSK	21.07	21.05	20.83	21.50
	50	LOW	QPSK	21.05	20.95	20.81	21.50
10	1	LOW	Q16	20.92	21.34	20.86	21.50
		MID	Q16	20.91	21.35	20.82	21.50
		HIGH	Q16	20.95	21.42	20.72	21.50
	25	LOW	Q16	20.04	20.01	19.92	20.50
		MID	Q16	20.07	20.01	19.93	20.50
		HIGH	Q16	20.06	20.06	19.94	20.50
	50	LOW	Q16	20.04	19.96	19.85	20.50
10	1	LOW	64QAM	19.98	20.24	19.86	20.50
		MID	64QAM	19.95	20.43	19.69	20.50
		HIGH	64QAM	20.03	20.46	19.58	20.50
	25	LOW	64QAM	19.04	18.97	19.04	19.50
		MID	64QAM	19.21	19.12	18.81	19.50
		HIGH	64QAM	18.98	19.18	19.03	19.50
	50	LOW	64QAM	18.96	19.01	19.00	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	21.91	21.93	21.87	22.50
		MID	QPSK	21.91	21.95	21.85	22.50
		HIGH	QPSK	22.01	21.90	21.69	22.50
	36	LOW	QPSK	21.01	20.95	20.85	21.50
		MID	QPSK	21.02	20.98	20.95	21.50
		HIGH	QPSK	21.05	21.07	20.89	21.50
	75	LOW	QPSK	21.02	20.94	20.92	21.50
15	1	LOW	Q16	20.84	21.40	21.24	21.50
		MID	Q16	20.92	21.39	21.40	21.50
		HIGH	Q16	20.97	21.41	21.25	21.50
	36	LOW	Q16	20.04	19.95	19.87	20.50
		MID	Q16	20.09	20.07	19.92	20.50
		HIGH	Q16	20.04	20.10	19.89	20.50
	75	LOW	Q16	20.05	20.00	19.93	20.50
15	1	LOW	64QAM	19.89	20.40	20.12	20.50
		MID	64QAM	20.01	20.35	20.32	20.50
		HIGH	64QAM	19.91	20.45	20.37	20.50
	36	LOW	64QAM	19.12	18.97	18.92	19.50
		MID	64QAM	19.18	19.10	18.87	19.50
		HIGH	64QAM	19.09	18.96	19.00	19.50
	75	LOW	64QAM	18.93	19.04	19.05	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	21.96	21.98	21.81	22.50
		MID	QPSK	21.96	21.88	21.81	22.50
		HIGH	QPSK	21.97	21.88	21.65	22.50
	50	LOW	QPSK	20.94	20.93	20.76	21.50
		MID	QPSK	21.11	21.00	20.99	21.50
		HIGH	QPSK	20.96	21.15	20.88	21.50
	100	LOW	QPSK	20.93	20.90	20.88	21.50
20	1	LOW	Q16	20.80	21.33	21.20	21.50
		MID	Q16	20.96	21.48	21.38	21.50
		HIGH	Q16	20.94	21.42	21.28	21.50
	50	LOW	Q16	20.02	19.88	19.79	20.50
		MID	Q16	20.06	20.03	19.97	20.50
		HIGH	Q16	20.05	20.15	19.91	20.50
	100	LOW	Q16	20.06	19.99	19.97	20.50
20	1	LOW	64QAM	19.84	20.35	20.17	20.50
		MID	64QAM	20.01	20.32	20.40	20.50
		HIGH	64QAM	19.85	20.32	20.39	20.50
	50	LOW	64QAM	19.03	19.06	18.89	19.50
		MID	64QAM	19.25	19.10	18.92	19.50
		HIGH	64QAM	19.08	18.95	18.97	19.50
	100	LOW	64QAM	18.91	19.07	18.98	19.50

LTE B2 -State 20-Ant.5(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.96	18.89	19.07	19.50
		MID	QPSK	19.11	18.88	19.22	19.50
		HIGH	QPSK	19.03	18.86	19.13	19.50
	3	LOW	QPSK	19.23	19.10	18.97	19.50
		MID	QPSK	19.21	19.14	19.11	19.50
		HIGH	QPSK	19.13	18.85	18.81	19.50
	6	LOW	QPSK	18.78	18.92	18.87	19.50
1.4	1	LOW	Q16	19.12	18.92	19.05	19.50
		MID	Q16	18.80	18.79	18.83	19.50
		HIGH	Q16	18.83	18.92	19.05	19.50
	3	LOW	Q16	19.03	18.90	18.77	19.50
		MID	Q16	18.90	19.09	19.14	19.50
		HIGH	Q16	19.24	18.90	19.06	19.50
	6	LOW	Q16	19.19	19.05	18.84	19.50
1.4	1	LOW	64QAM	19.24	18.80	19.12	19.50
		MID	64QAM	19.18	19.08	18.98	19.50
		HIGH	64QAM	18.79	19.02	18.88	19.50
	3	LOW	64QAM	19.11	18.94	19.09	19.50
		MID	64QAM	19.09	19.12	19.21	19.50
		HIGH	64QAM	19.02	19.03	18.87	19.50
	6	LOW	64QAM	19.16	19.22	18.94	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.14	18.78	18.85	19.50
		MID	QPSK	19.16	19.24	18.91	19.50
		HIGH	QPSK	19.19	18.80	18.89	19.50
	8	LOW	QPSK	19.01	18.94	18.77	19.50
		MID	QPSK	19.18	19.18	18.79	19.50
		HIGH	QPSK	18.94	19.03	18.84	19.50
	15	LOW	QPSK	18.85	19.10	19.04	19.50
3	1	LOW	Q16	18.85	19.12	18.81	19.50
		MID	Q16	18.93	19.08	19.00	19.50
		HIGH	Q16	19.00	18.77	18.96	19.50
	8	LOW	Q16	18.87	19.02	18.99	19.50
		MID	Q16	18.77	19.03	19.18	19.50
		HIGH	Q16	18.78	18.84	18.95	19.50
	15	LOW	Q16	19.06	19.17	18.87	19.50
3	1	LOW	64QAM	19.13	18.81	19.16	19.50
		MID	64QAM	19.21	18.82	18.86	19.50
		HIGH	64QAM	19.12	19.05	19.04	19.50
	8	LOW	64QAM	18.86	19.03	19.20	19.50
		MID	64QAM	19.04	19.13	19.13	19.50
		HIGH	64QAM	18.91	19.22	18.98	19.50
	15	LOW	64QAM	19.11	18.83	18.77	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.24	19.21	18.93	19.50
		MID	QPSK	18.80	19.07	19.08	19.50
		HIGH	QPSK	19.18	18.92	18.77	19.50
	12	LOW	QPSK	19.03	18.79	18.91	19.50
		MID	QPSK	18.96	19.08	18.95	19.50
		HIGH	QPSK	18.98	19.12	18.84	19.50
	25	LOW	QPSK	19.05	18.91	18.97	19.50
5	1	LOW	Q16	18.85	19.09	18.87	19.50
		MID	Q16	19.03	19.04	19.21	19.50
		HIGH	Q16	19.06	19.10	19.01	19.50
	12	LOW	Q16	19.22	19.03	18.90	19.50
		MID	Q16	19.18	18.96	18.96	19.50
		HIGH	Q16	19.21	19.08	19.17	19.50
	25	LOW	Q16	19.15	18.93	19.08	19.50
5	1	LOW	64QAM	19.07	19.22	19.19	19.50
		MID	64QAM	19.06	19.00	19.08	19.50
		HIGH	64QAM	19.24	18.79	19.13	19.50
	12	LOW	64QAM	18.94	19.20	18.82	19.50
		MID	64QAM	19.08	19.05	18.79	19.50
		HIGH	64QAM	19.20	18.82	19.16	19.50
	25	LOW	64QAM	19.10	18.92	19.19	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.84	19.10	19.02	19.50
		MID	QPSK	18.88	18.97	18.94	19.50
		HIGH	QPSK	19.04	18.97	19.17	19.50
	25	LOW	QPSK	19.13	19.08	18.92	19.50
		MID	QPSK	18.87	19.05	19.16	19.50
		HIGH	QPSK	18.89	18.86	19.23	19.50
	50	LOW	QPSK	19.20	19.21	18.94	19.50
10	1	LOW	Q16	19.04	18.80	18.92	19.50
		MID	Q16	19.22	18.96	19.12	19.50
		HIGH	Q16	19.16	18.82	18.81	19.50
	25	LOW	Q16	19.03	18.77	19.16	19.50
		MID	Q16	19.05	18.85	18.96	19.50
		HIGH	Q16	18.92	18.92	18.92	19.50
	50	LOW	Q16	19.06	19.12	18.77	19.50
10	1	LOW	64QAM	19.12	19.00	19.02	19.50
		MID	64QAM	19.24	18.78	18.89	19.50
		HIGH	64QAM	18.85	19.00	18.86	19.50
	25	LOW	64QAM	19.24	19.06	18.78	19.50
		MID	64QAM	18.90	18.98	18.86	19.50
		HIGH	64QAM	19.19	18.90	19.19	19.50
	50	LOW	64QAM	18.78	19.08	19.16	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.83	18.96	18.87	19.50
		MID	QPSK	19.03	19.08	19.08	19.50
		HIGH	QPSK	19.06	18.81	18.92	19.50
	36	LOW	QPSK	18.88	18.99	18.92	19.50
		MID	QPSK	19.14	19.21	18.84	19.50
		HIGH	QPSK	19.11	18.77	19.07	19.50
	75	LOW	QPSK	18.97	19.24	19.17	19.50
15	1	LOW	Q16	19.24	18.81	18.99	19.50
		MID	Q16	18.89	19.01	19.05	19.50
		HIGH	Q16	18.87	19.07	18.77	19.50
	36	LOW	Q16	18.99	19.12	18.78	19.50
		MID	Q16	18.86	19.07	19.14	19.50
		HIGH	Q16	18.94	18.98	18.88	19.50
	75	LOW	Q16	18.89	18.92	18.79	19.50
15	1	LOW	64QAM	18.93	19.06	19.07	19.50
		MID	64QAM	19.09	19.19	19.14	19.50
		HIGH	64QAM	18.91	18.78	18.81	19.50
	36	LOW	64QAM	18.89	18.93	19.00	19.50
		MID	64QAM	18.96	18.93	19.24	19.50
		HIGH	64QAM	19.16	19.23	19.20	19.50
	75	LOW	64QAM	18.88	18.86	18.81	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.09	19.09	19.07	19.50
		MID	QPSK	19.08	19.11	18.90	19.50
		HIGH	QPSK	18.83	19.18	18.77	19.50
	50	LOW	QPSK	18.85	19.14	18.80	19.50
		MID	QPSK	18.94	19.17	19.17	19.50
		HIGH	QPSK	18.86	19.23	19.12	19.50
	100	LOW	QPSK	18.80	19.00	19.21	19.50
20	1	LOW	Q16	19.23	19.11	18.96	19.50
		MID	Q16	19.02	19.17	18.83	19.50
		HIGH	Q16	19.14	18.86	18.90	19.50
	50	LOW	Q16	18.79	18.87	18.87	19.50
		MID	Q16	19.08	18.82	18.93	19.50
		HIGH	Q16	18.93	18.93	18.99	19.50
	100	LOW	Q16	18.94	18.92	19.06	19.50
20	1	LOW	64QAM	19.22	19.07	19.12	19.50
		MID	64QAM	19.01	19.24	19.17	19.50
		HIGH	64QAM	19.23	19.11	18.86	19.50
	50	LOW	64QAM	18.87	18.89	19.04	19.50
		MID	64QAM	18.83	19.08	18.88	19.50
		HIGH	64QAM	18.80	18.99	19.09	19.50
	100	LOW	64QAM	18.90	18.94	18.87	19.50

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.44	22.50	22.37	23.50
		MID	QPSK	22.46	22.52	22.42	23.50
		HIGH	QPSK	22.48	22.50	22.40	23.50
	3	LOW	QPSK	22.48	**22.54**	22.40	23.50
		MID	QPSK	22.53	22.51	22.43	23.50
		HIGH	QPSK	**22.54**	22.52	22.43	23.50
	6	LOW	QPSK	21.61	21.62	21.41	22.50
1.4	1	LOW	Q16	21.66	21.92	21.41	22.50
		MID	Q16	21.69	21.98	21.54	22.50
		HIGH	Q16	21.67	21.95	21.48	22.50
	3	LOW	Q16	21.60	21.77	21.66	22.50
		MID	Q16	21.64	21.75	21.73	22.50
		HIGH	Q16	21.59	21.76	21.68	22.50
	6	LOW	Q16	20.75	20.53	20.67	21.50
1.4	1	LOW	64QAM	20.81	20.79	20.43	21.50
		MID	64QAM	20.58	21.00	20.45	21.50
		HIGH	64QAM	20.79	21.05	20.38	21.50
	3	LOW	64QAM	20.65	20.76	20.60	21.50
		MID	64QAM	20.61	20.74	20.72	21.50
		HIGH	64QAM	20.57	20.81	20.72	21.50
	6	LOW	64QAM	19.78	19.68	19.67	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.55	22.53	22.51	23.50
		MID	QPSK	22.61	**22.65**	22.56	23.50
		HIGH	QPSK	22.61	22.53	22.50	23.50
	8	LOW	QPSK	21.63	21.60	21.54	22.50
		MID	QPSK	21.69	21.62	21.54	22.50
		HIGH	QPSK	21.61	21.69	21.54	22.50
	15	LOW	QPSK	21.62	21.60	21.55	22.50
3	1	LOW	Q16	21.54	22.03	21.60	22.50
		MID	Q16	21.60	22.20	21.63	22.50
		HIGH	Q16	21.57	22.06	21.59	22.50
	8	LOW	Q16	20.74	20.64	20.59	21.50
		MID	Q16	20.74	20.69	20.61	21.50
		HIGH	Q16	20.76	20.77	20.58	21.50
	15	LOW	Q16	20.69	20.69	20.58	21.50
3	1	LOW	64QAM	20.42	20.91	20.53	21.50
		MID	64QAM	20.49	21.12	20.74	21.50
		HIGH	64QAM	20.70	20.95	20.61	21.50
	8	LOW	64QAM	20.71	20.79	20.59	21.50
		MID	64QAM	20.77	20.68	20.60	21.50
		HIGH	64QAM	20.72	20.63	20.71	21.50
	15	LOW	64QAM	19.83	19.64	19.59	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.50	22.53	22.46	23.50
		MID	QPSK	22.61	22.63	22.56	23.50
		HIGH	QPSK	22.56	**22.64**	22.48	23.50
	12	LOW	QPSK	21.58	21.57	21.49	22.50
		MID	QPSK	21.66	21.62	21.61	22.50
		HIGH	QPSK	21.65	21.69	21.59	22.50
	25	LOW	QPSK	21.66	21.56	21.58	22.50
5	1	LOW	Q16	21.75	22.11	21.66	22.50
		MID	Q16	21.74	22.25	21.67	22.50
		HIGH	Q16	21.78	22.16	21.68	22.50
	12	LOW	Q16	20.70	20.73	20.65	21.50
		MID	Q16	20.78	20.75	20.68	21.50
		HIGH	Q16	20.74	20.88	20.62	21.50
	25	LOW	Q16	20.71	20.67	20.53	21.50
5	1	LOW	64QAM	20.73	21.12	20.62	21.50
		MID	64QAM	20.84	21.37	20.52	21.50
		HIGH	64QAM	20.75	21.19	20.82	21.50
	12	LOW	64QAM	19.66	19.88	19.72	20.50
		MID	64QAM	19.81	19.74	19.65	20.50
		HIGH	64QAM	19.84	19.82	19.57	20.50
	25	LOW	64QAM	19.57	19.75	19.58	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.57	22.56	22.50	23.50
		MID	QPSK	22.53	22.60	22.55	23.50
		HIGH	QPSK	22.55	**22.62**	22.54	23.50
	25	LOW	QPSK	21.66	21.59	21.61	22.50
		MID	QPSK	21.70	21.67	21.65	22.50
		HIGH	QPSK	21.74	21.73	21.62	22.50
	50	LOW	QPSK	21.68	21.67	21.62	22.50
10	1	LOW	Q16	21.55	22.09	21.62	22.50
		MID	Q16	21.50	22.09	21.53	22.50
		HIGH	Q16	21.59	22.07	21.67	22.50
	25	LOW	Q16	20.72	20.68	20.64	21.50
		MID	Q16	20.74	20.69	20.76	21.50
		HIGH	Q16	20.73	20.80	20.75	21.50
	50	LOW	Q16	20.64	20.71	20.65	21.50
10	1	LOW	64QAM	20.41	21.23	20.58	21.50
		MID	64QAM	20.51	21.04	20.41	21.50
		HIGH	64QAM	20.56	21.03	20.65	21.50
	25	LOW	64QAM	19.73	19.58	19.71	20.50
		MID	64QAM	19.82	19.83	19.84	20.50
		HIGH	64QAM	19.60	19.65	19.82	20.50
	50	LOW	64QAM	19.53	19.81	19.50	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.52	**22.69**	22.61	23.50
		MID	QPSK	22.50	22.54	22.50	23.50
		HIGH	QPSK	22.54	22.54	22.49	23.50
	36	LOW	QPSK	21.60	21.72	21.64	22.50
		MID	QPSK	21.63	21.64	21.66	22.50
		HIGH	QPSK	21.62	21.69	21.64	22.50
	75	LOW	QPSK	21.61	21.64	21.61	22.50
15	1	LOW	Q16	21.54	22.11	21.95	22.50
		MID	Q16	21.53	22.04	21.93	22.50
		HIGH	Q16	21.54	22.02	22.08	22.50
	36	LOW	Q16	20.64	20.76	20.61	21.50
		MID	Q16	20.64	20.74	20.64	21.50
		HIGH	Q16	20.66	20.79	20.64	21.50
	75	LOW	Q16	20.65	20.72	20.60	21.50
15	1	LOW	64QAM	20.49	20.99	21.09	21.50
		MID	64QAM	20.54	20.95	20.93	21.50
		HIGH	64QAM	20.44	20.90	21.10	21.50
	36	LOW	64QAM	19.53	19.72	19.48	20.50
		MID	64QAM	19.62	19.61	19.52	20.50
		HIGH	64QAM	19.62	19.89	19.78	20.50
	75	LOW	64QAM	19.53	19.69	19.63	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.63	22.62	22.55	23.50
		MID	QPSK	22.48	22.59	22.46	23.50
		HIGH	QPSK	22.67	**22.68**	22.55	23.50
	50	LOW	QPSK	21.69	21.70	21.64	22.50
		MID	QPSK	21.72	21.68	21.67	22.50
		HIGH	QPSK	21.67	21.69	21.64	22.50
	100	LOW	QPSK	21.76	21.68	21.63	22.50
20	1	LOW	Q16	22.21	22.05	22.03	22.50
		MID	Q16	22.14	22.05	21.96	22.50
		HIGH	Q16	22.21	22.11	21.94	22.50
	50	LOW	Q16	20.65	20.76	20.63	21.50
		MID	Q16	20.78	20.69	20.60	21.50
		HIGH	Q16	20.71	20.76	20.66	21.50
	100	LOW	Q16	20.80	20.70	20.63	21.50
20	1	LOW	64QAM	21.35	21.13	20.95	21.50
		MID	64QAM	21.13	21.11	20.98	21.50
		HIGH	64QAM	21.16	21.21	21.04	21.50
	50	LOW	64QAM	19.74	19.66	19.76	20.50
		MID	64QAM	19.65	19.69	19.50	20.50
		HIGH	64QAM	19.77	19.67	19.64	20.50
	100	LOW	64QAM	19.72	19.72	19.58	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.73	19.51	19.54	20.50
		MID	QPSK	19.38	19.56	19.64	20.50
		HIGH	QPSK	19.61	19.86	19.75	20.50
	3	LOW	QPSK	19.76	19.78	19.76	20.50
		MID	QPSK	19.91	19.81	19.70	20.50
		HIGH	QPSK	19.66	19.89	19.81	20.50
	6	LOW	QPSK	19.70	19.60	19.73	20.50
1.4	1	LOW	Q16	20.10	19.83	19.98	20.50
		MID	Q16	19.83	19.87	19.96	20.50
		HIGH	Q16	20.06	**20.33**	20.23	20.50
	3	LOW	Q16	19.78	19.79	19.77	20.50
		MID	Q16	19.79	19.75	19.60	20.50
		HIGH	Q16	19.59	19.88	19.68	20.50
	6	LOW	Q16	19.80	19.69	19.67	20.50
1.4	1	LOW	64QAM	20.18	20.08	20.05	20.50
		MID	64QAM	20.10	20.18	20.00	20.50
		HIGH	64QAM	20.20	20.31	19.99	20.50
	3	LOW	64QAM	19.62	19.67	19.88	20.50
		MID	64QAM	19.70	19.82	19.69	20.50
		HIGH	64QAM	19.70	19.69	19.87	20.50
	6	LOW	64QAM	19.66	19.85	19.69	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.50	19.60	19.80	20.50
		MID	QPSK	19.50	19.53	19.70	20.50
		HIGH	QPSK	19.59	19.77	19.67	20.50
	8	LOW	QPSK	19.78	19.61	19.86	20.50
		MID	QPSK	19.91	19.84	19.57	20.50
		HIGH	QPSK	19.71	19.89	19.68	20.50
	15	LOW	QPSK	19.64	19.70	19.59	20.50
3	1	LOW	Q16	19.99	20.03	20.15	20.50
		MID	Q16	19.86	20.03	20.16	20.50
		HIGH	Q16	19.94	20.23	20.16	20.50
	8	LOW	Q16	19.81	19.63	19.77	20.50
		MID	Q16	19.75	19.66	19.82	20.50
		HIGH	Q16	19.80	19.62	19.79	20.50
	15	LOW	Q16	19.64	19.83	19.78	20.50
3	1	LOW	64QAM	20.23	20.20	20.22	20.50
		MID	64QAM	19.89	20.42	20.08	20.50
		HIGH	64QAM	20.25	**20.43**	20.20	20.50
	8	LOW	64QAM	19.78	19.77	19.67	20.50
		MID	64QAM	19.76	19.68	19.76	20.50
		HIGH	64QAM	19.60	19.66	19.64	20.50
	15	LOW	64QAM	19.86	19.68	19.78	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.73	19.54	19.81	20.50
		MID	QPSK	19.56	19.65	19.67	20.50
		HIGH	QPSK	19.55	19.62	19.58	20.50
	12	LOW	QPSK	19.59	19.83	19.65	20.50
		MID	QPSK	19.92	19.73	19.78	20.50
		HIGH	QPSK	19.80	19.89	19.64	20.50
	25	LOW	QPSK	19.89	19.59	19.65	20.50
5	1	LOW	Q16	20.11	19.94	20.09	20.50
		MID	Q16	19.90	20.00	19.99	20.50
		HIGH	Q16	19.88	19.95	19.90	20.50
	12	LOW	Q16	19.52	19.91	19.71	20.50
		MID	Q16	19.82	19.80	19.62	20.50
		HIGH	Q16	19.62	19.80	19.79	20.50
	25	LOW	Q16	19.90	19.85	19.63	20.50
5	1	LOW	64QAM	20.07	20.28	20.06	20.50
		MID	64QAM	19.85	20.16	20.15	20.50
		HIGH	64QAM	20.07	**20.40**	20.10	20.50
	12	LOW	64QAM	19.72	19.71	19.72	20.50
		MID	64QAM	19.67	19.68	19.74	20.50
		HIGH	64QAM	19.61	19.74	19.85	20.50
	25	LOW	64QAM	19.71	19.78	19.54	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.57	**19.76**	19.61	20.50
		MID	QPSK	19.41	19.58	19.42	20.50
		HIGH	QPSK	19.60	19.67	19.80	20.50
	25	LOW	QPSK	19.65	19.60	19.68	20.50
		MID	QPSK	19.68	19.77	19.80	20.50
		HIGH	QPSK	19.68	19.70	19.56	20.50
	50	LOW	QPSK	19.62	19.68	19.59	20.50
10	1	LOW	Q16	20.05	20.09	20.01	20.50
		MID	Q16	19.78	19.91	19.78	20.50
		HIGH	Q16	20.06	20.01	20.02	20.50
	25	LOW	Q16	19.58	19.86	19.75	20.50
		MID	Q16	19.66	19.67	19.67	20.50
		HIGH	Q16	19.64	19.68	19.80	20.50
	50	LOW	Q16	19.64	19.61	19.62	20.50
10	1	LOW	64QAM	20.01	20.21	20.23	20.50
		MID	64QAM	19.97	**20.38**	19.92	20.50
		HIGH	64QAM	20.23	20.15	20.15	20.50
	25	LOW	64QAM	19.69	19.70	19.72	20.50
		MID	64QAM	19.61	19.71	19.67	20.50
		HIGH	64QAM	19.62	19.77	19.58	20.50
	50	LOW	64QAM	19.66	19.76	19.82	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.45	19.73	19.71	20.50
		MID	QPSK	19.56	19.56	19.43	20.50
		HIGH	QPSK	19.66	19.59	19.64	20.50
	36	LOW	QPSK	19.69	19.68	19.58	20.50
		MID	QPSK	19.66	19.72	19.77	20.50
		HIGH	QPSK	19.84	19.66	19.58	20.50
	75	LOW	QPSK	19.70	19.67	19.65	20.50
15	1	LOW	Q16	19.94	20.08	20.01	20.50
		MID	Q16	19.84	19.94	19.80	20.50
		HIGH	Q16	20.03	20.08	20.03	20.50
	36	LOW	Q16	19.65	19.81	19.62	20.50
		MID	Q16	19.63	19.84	19.78	20.50
		HIGH	Q16	19.79	19.73	19.87	20.50
	75	LOW	Q16	19.61	19.77	19.53	20.50
15	1	LOW	64QAM	20.10	20.33	20.30	20.50
		MID	64QAM	19.89	**20.39**	20.18	20.50
		HIGH	64QAM	19.96	20.17	20.18	20.50
	36	LOW	64QAM	19.80	19.61	19.77	20.50
		MID	64QAM	19.72	19.79	19.70	20.50
		HIGH	64QAM	19.53	19.89	19.75	20.50
	75	LOW	64QAM	19.79	19.76	19.68	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.60	19.69	19.61	20.50
		MID	QPSK	19.50	19.60	19.55	20.50
		HIGH	QPSK	19.66	**19.71**	19.70	20.50
	50	LOW	QPSK	19.72	**19.79**	19.71	20.50
		MID	QPSK	19.75	19.76	19.65	20.50
		HIGH	QPSK	19.71	19.77	19.67	20.50
	100	LOW	QPSK	19.75	19.70	19.64	20.50
20	1	LOW	Q16	19.93	**19.99**	20.15	20.50
		MID	Q16	19.97	20.08	19.87	20.50
		HIGH	Q16	20.11	20.10	20.09	20.50
	50	LOW	Q16	19.67	19.76	19.76	20.50
		MID	Q16	19.75	19.77	19.70	20.50
		HIGH	Q16	19.67	19.77	19.73	20.50
	100	LOW	Q16	19.75	19.75	19.67	20.50
20	1	LOW	64QAM	20.12	20.05	20.21	20.50
		MID	64QAM	20.11	**20.40**	20.12	20.50
		HIGH	64QAM	20.03	20.34	20.09	20.50
	50	LOW	64QAM	19.77	19.88	19.76	20.50
		MID	64QAM	19.82	19.92	19.65	20.50
		HIGH	64QAM	19.78	19.66	19.68	20.50
	100	LOW	64QAM	19.60	19.68	19.54	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.41	16.64	16.67	17.50
		MID	QPSK	16.49	16.49	16.36	17.50
		HIGH	QPSK	16.62	16.63	16.70	17.50
	3	LOW	QPSK	16.53	16.61	16.62	17.50
		MID	QPSK	16.57	16.49	16.43	17.50
		HIGH	QPSK	16.56	16.79	16.74	17.50
	6	LOW	QPSK	16.65	16.58	16.47	17.50
1.4	1	LOW	Q16	16.51	**16.94**	16.64	17.50
		MID	Q16	16.77	16.68	16.78	17.50
		HIGH	Q16	16.77	16.88	16.72	17.50
	3	LOW	Q16	16.69	16.71	16.59	17.50
		MID	Q16	16.77	16.78	16.67	17.50
		HIGH	Q16	16.76	16.83	16.59	17.50
	6	LOW	Q16	16.76	16.79	16.77	17.50
1.4	1	LOW	64QAM	16.55	16.81	16.69	17.50
		MID	64QAM	16.73	16.73	16.64	17.50
		HIGH	64QAM	16.81	16.85	16.72	17.50
	3	LOW	64QAM	16.83	16.61	16.50	17.50
		MID	64QAM	16.84	16.79	16.60	17.50
		HIGH	64QAM	16.81	16.68	16.69	17.50
	6	LOW	64QAM	16.62	16.73	16.73	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	16.63	16.44	16.48	17.50
		MID	QPSK	16.48	16.54	16.39	17.50
		HIGH	QPSK	16.66	16.56	16.61	17.50
	8	LOW	QPSK	16.59	16.58	16.56	17.50
		MID	QPSK	16.60	16.56	16.62	17.50
		HIGH	QPSK	16.53	16.78	16.75	17.50
	15	LOW	QPSK	16.64	16.60	16.59	17.50
3	1	LOW	Q16	16.56	16.90	16.69	17.50
		MID	Q16	16.78	16.76	16.58	17.50
		HIGH	Q16	16.76	16.91	16.53	17.50
	8	LOW	Q16	16.52	16.59	16.56	17.50
		MID	Q16	16.58	16.62	16.48	17.50
		HIGH	Q16	16.50	16.78	16.54	17.50
	15	LOW	Q16	16.83	16.60	16.67	17.50
3	1	LOW	64QAM	16.43	16.76	16.64	17.50
		MID	64QAM	16.87	16.87	16.54	17.50
		HIGH	64QAM	16.66	16.81	16.41	17.50
	8	LOW	64QAM	16.38	16.58	16.44	17.50
		MID	64QAM	16.63	16.61	16.34	17.50
		HIGH	64QAM	16.60	16.80	16.63	17.50
	15	LOW	64QAM	**16.96**	16.47	16.58	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	16.55	16.64	16.63	17.50
		MID	QPSK	16.32	16.65	16.47	17.50
		HIGH	QPSK	16.65	16.54	16.67	17.50
	12	LOW	QPSK	16.61	16.68	16.52	17.50
		MID	QPSK	16.77	16.67	16.67	17.50
		HIGH	QPSK	16.62	16.68	16.65	17.50
	25	LOW	QPSK	16.62	16.62	16.49	17.50
5	1	LOW	Q16	16.56	**16.99**	16.67	17.50
		MID	Q16	16.74	16.93	16.79	17.50
		HIGH	Q16	16.74	16.81	16.75	17.50
	12	LOW	Q16	16.68	16.84	16.61	17.50
		MID	Q16	16.78	16.81	16.59	17.50
		HIGH	Q16	16.69	16.71	16.52	17.50
	25	LOW	Q16	16.65	16.79	16.59	17.50
5	1	LOW	64QAM	16.52	16.93	16.75	17.50
		MID	64QAM	16.73	16.90	16.69	17.50
		HIGH	64QAM	16.74	16.84	16.63	17.50
	12	LOW	64QAM	16.83	16.90	16.75	17.50
		MID	64QAM	16.92	16.93	16.55	17.50
		HIGH	64QAM	16.83	16.67	16.50	17.50
	25	LOW	64QAM	16.72	16.83	16.61	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	16.40	16.68	16.64	17.50
		MID	QPSK	16.36	16.59	16.51	17.50
		HIGH	QPSK	16.70	16.63	16.68	17.50
	25	LOW	QPSK	16.65	16.66	16.67	17.50
		MID	QPSK	16.61	16.76	16.56	17.50
		HIGH	QPSK	16.55	16.64	16.71	17.50
	50	LOW	QPSK	16.73	16.78	16.44	17.50
10	1	LOW	Q16	16.56	16.90	16.72	17.50
		MID	Q16	16.72	16.91	16.74	17.50
		HIGH	Q16	16.87	**16.97**	16.69	17.50
	25	LOW	Q16	16.66	16.72	16.82	17.50
		MID	Q16	16.72	16.68	16.76	17.50
		HIGH	Q16	16.79	16.60	16.62	17.50
	50	LOW	Q16	16.61	16.75	16.48	17.50
10	1	LOW	64QAM	16.69	16.81	16.85	17.50
		MID	64QAM	16.73	**16.97**	16.80	17.50
		HIGH	64QAM	16.93	16.89	16.77	17.50
	25	LOW	64QAM	16.81	16.70	16.79	17.50
		MID	64QAM	16.72	16.74	16.67	17.50
		HIGH	64QAM	16.67	16.73	16.72	17.50
	50	LOW	64QAM	16.48	16.81	16.42	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	16.48	16.51	16.59	17.50
		MID	QPSK	16.43	16.56	16.42	17.50
		HIGH	QPSK	16.47	16.77	16.71	17.50
	36	LOW	QPSK	16.62	16.60	16.81	17.50
		MID	QPSK	16.78	16.49	16.68	17.50
		HIGH	QPSK	16.49	16.55	16.62	17.50
	75	LOW	QPSK	16.60	16.64	16.63	17.50
15	1	LOW	Q16	16.67	16.88	16.57	17.50
		MID	Q16	16.89	16.69	16.67	17.50
		HIGH	Q16	16.78	16.90	16.65	17.50
	36	LOW	Q16	16.75	16.83	16.55	17.50
		MID	Q16	16.61	16.60	16.72	17.50
		HIGH	Q16	16.57	16.66	16.78	17.50
	75	LOW	Q16	16.70	16.74	16.67	17.50
15	1	LOW	64QAM	16.82	16.82	16.56	17.50
		MID	64QAM	16.84	16.63	16.64	17.50
		HIGH	64QAM	16.67	16.86	16.80	17.50
	36	LOW	64QAM	16.86	**16.98**	16.58	17.50
		MID	64QAM	16.76	16.50	16.62	17.50
		HIGH	64QAM	16.51	16.70	16.72	17.50
	75	LOW	64QAM	16.58	16.67	16.82	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	16.53	**16.62**	16.59	17.50
		MID	QPSK	16.45	16.50	16.49	17.50
		HIGH	QPSK	16.58	16.56	16.57	17.50
	50	LOW	QPSK	16.62	**16.68**	16.66	17.50
		MID	QPSK	16.66	16.63	16.56	17.50
		HIGH	QPSK	16.63	16.66	16.61	17.50
	100	LOW	QPSK	16.67	16.63	16.59	17.50
20	1	LOW	Q16	16.65	**17.00**	16.70	17.50
		MID	Q16	16.77	16.79	16.69	17.50
		HIGH	Q16	16.77	16.92	16.66	17.50
	50	LOW	Q16	16.62	16.71	16.67	17.50
		MID	Q16	16.70	16.69	16.63	17.50
		HIGH	Q16	16.65	16.69	16.65	17.50
	100	LOW	Q16	16.71	16.68	16.62	17.50
20	1	LOW	64QAM	16.78	16.95	16.63	17.50
		MID	64QAM	16.90	16.74	16.62	17.50
		HIGH	64QAM	16.68	16.89	16.65	17.50
	50	LOW	64QAM	16.73	16.82	16.78	17.50
		MID	64QAM	16.81	16.82	16.65	17.50
		HIGH	64QAM	16.68	16.80	16.50	17.50
	100	LOW	64QAM	16.72	16.79	16.48	17.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.14	17.07	17.16	18.00
		MID	QPSK	17.00	17.02	16.99	18.00
		HIGH	QPSK	17.17	17.21	17.14	18.00
	3	LOW	QPSK	17.02	17.05	17.09	18.00
		MID	QPSK	17.24	17.07	16.99	18.00
		HIGH	QPSK	17.25	17.13	17.23	18.00
	6	LOW	QPSK	17.08	17.04	17.17	18.00
1.4	1	LOW	Q16	17.62	17.56	17.61	18.00
		MID	Q16	17.46	17.48	17.38	18.00
		HIGH	Q16	17.56	**17.68**	17.57	18.00
	3	LOW	Q16	17.16	17.23	17.26	18.00
		MID	Q16	17.18	17.25	17.07	18.00
		HIGH	Q16	17.24	17.33	17.24	18.00
	6	LOW	Q16	17.32	17.16	17.09	18.00
1.4	1	LOW	64QAM	17.58	17.44	17.57	18.00
		MID	64QAM	17.48	17.48	17.35	18.00
		HIGH	64QAM	17.64	17.61	17.42	18.00
	3	LOW	64QAM	17.28	17.26	17.24	18.00
		MID	64QAM	17.25	17.21	17.02	18.00
		HIGH	64QAM	17.20	17.21	17.14	18.00
	6	LOW	64QAM	17.31	17.30	17.09	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	17.14	17.06	17.06	18.00
		MID	QPSK	17.09	17.15	16.91	18.00
		HIGH	QPSK	17.11	17.10	17.20	18.00
	8	LOW	QPSK	17.12	17.29	17.28	18.00
		MID	QPSK	17.34	17.21	16.98	18.00
		HIGH	QPSK	17.10	17.17	17.23	18.00
	15	LOW	QPSK	17.04	17.21	17.10	18.00
3	1	LOW	Q16	17.46	17.53	17.54	18.00
		MID	Q16	17.48	17.63	17.37	18.00
		HIGH	Q16	17.47	17.57	**17.68**	18.00
	8	LOW	Q16	17.32	17.18	17.30	18.00
		MID	Q16	17.28	17.33	17.14	18.00
		HIGH	Q16	17.28	17.23	17.02	18.00
	15	LOW	Q16	17.14	17.33	17.28	18.00
3	1	LOW	64QAM	17.41	17.43	17.46	18.00
		MID	64QAM	17.34	17.62	17.30	18.00
		HIGH	64QAM	17.45	17.46	17.63	18.00
	8	LOW	64QAM	17.41	17.25	17.33	18.00
		MID	64QAM	17.19	17.40	17.16	18.00
		HIGH	64QAM	17.18	17.26	17.05	18.00
	15	LOW	64QAM	17.00	17.41	17.36	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	17.15	17.13	17.16	18.00
		MID	QPSK	17.11	17.02	17.01	18.00
		HIGH	QPSK	17.02	17.28	16.94	18.00
	12	LOW	QPSK	17.02	17.20	17.27	18.00
		MID	QPSK	17.32	17.19	17.00	18.00
		HIGH	QPSK	17.24	17.20	17.00	18.00
	25	LOW	QPSK	17.13	17.18	17.03	18.00
5	1	LOW	Q16	17.61	17.61	17.62	18.00
		MID	Q16	17.48	17.49	17.47	18.00
		HIGH	Q16	17.51	17.72	17.38	18.00
	12	LOW	Q16	17.16	17.16	17.22	18.00
		MID	Q16	17.19	17.31	17.23	18.00
		HIGH	Q16	17.14	17.17	17.17	18.00
	25	LOW	Q16	17.34	17.26	17.15	18.00
5	1	LOW	64QAM	17.61	17.53	17.56	18.00
		MID	64QAM	17.53	17.58	17.49	18.00
		HIGH	64QAM	17.43	**17.74**	17.35	18.00
	12	LOW	64QAM	17.11	17.01	17.32	18.00
		MID	64QAM	17.16	17.25	17.26	18.00
		HIGH	64QAM	16.99	17.31	17.28	18.00
	25	LOW	64QAM	17.39	17.35	17.23	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	16.99	17.04	17.26	18.00
		MID	QPSK	16.99	16.91	17.07	18.00
		HIGH	QPSK	17.01	17.29	17.02	18.00
	25	LOW	QPSK	17.21	17.18	17.21	18.00
		MID	QPSK	17.07	17.07	17.19	18.00
		HIGH	QPSK	17.24	17.04	17.16	18.00
	50	LOW	QPSK	17.10	17.02	17.03	18.00
10	1	LOW	Q16	17.36	17.27	17.62	18.00
		MID	Q16	17.28	17.28	17.26	18.00
		HIGH	Q16	17.47	17.76	17.50	18.00
	25	LOW	Q16	17.02	17.34	17.15	18.00
		MID	Q16	17.09	17.12	17.25	18.00
		HIGH	Q16	17.14	17.23	17.18	18.00
	50	LOW	Q16	17.27	17.31	16.98	18.00
10	1	LOW	64QAM	17.40	17.19	17.72	18.00
		MID	64QAM	17.15	17.22	17.36	18.00
		HIGH	64QAM	17.40	**17.77**	17.51	18.00
	25	LOW	64QAM	16.98	17.48	17.20	18.00
		MID	64QAM	17.00	17.18	17.21	18.00
		HIGH	64QAM	17.18	17.21	17.24	18.00
	50	LOW	64QAM	17.32	17.17	17.07	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	17.09	17.05	17.00	18.00
		MID	QPSK	17.11	17.01	17.13	18.00
		HIGH	QPSK	17.13	17.06	16.95	18.00
	36	LOW	QPSK	17.14	17.05	17.32	18.00
		MID	QPSK	17.26	17.12	17.00	18.00
		HIGH	QPSK	17.22	17.04	17.20	18.00
	75	LOW	QPSK	17.09	17.05	17.24	18.00
15	1	LOW	Q16	17.47	17.47	17.45	18.00
		MID	Q16	17.33	17.47	17.33	18.00
		HIGH	Q16	**17.61**	17.51	17.41	18.00
	36	LOW	Q16	17.28	17.17	17.16	18.00
		MID	Q16	17.25	17.30	17.24	18.00
		HIGH	Q16	17.20	17.16	17.20	18.00
	75	LOW	Q16	17.33	17.25	17.25	18.00
15	1	LOW	64QAM	17.39	17.46	17.46	18.00
		MID	64QAM	17.38	17.43	17.34	18.00
		HIGH	64QAM	17.56	17.54	17.30	18.00
	36	LOW	64QAM	17.19	17.29	17.31	18.00
		MID	64QAM	17.40	17.18	17.37	18.00
		HIGH	64QAM	17.18	17.02	17.33	18.00
	75	LOW	64QAM	17.43	17.17	17.27	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.09	**17.14**	17.13	18.00
		MID	QPSK	16.96	17.02	17.02	18.00
		HIGH	QPSK	17.09	17.09	17.09	18.00
	50	LOW	QPSK	17.17	**17.20**	17.17	18.00
		MID	QPSK	17.18	17.17	17.07	18.00
		HIGH	QPSK	17.14	17.19	17.11	18.00
	100	LOW	QPSK	17.18	17.15	17.09	18.00
20	1	LOW	Q16	17.52	17.57	**17.61**	18.00
		MID	Q16	17.45	17.51	17.48	18.00
		HIGH	Q16	17.58	17.60	17.55	18.00
	50	LOW	Q16	17.17	17.24	17.18	18.00
		MID	Q16	17.18	17.20	17.16	18.00
		HIGH	Q16	17.17	17.24	17.17	18.00
	100	LOW	Q16	17.23	17.19	17.13	18.00
20	1	LOW	64QAM	17.53	17.42	17.48	18.00
		MID	64QAM	17.37	17.47	17.41	18.00
		HIGH	64QAM	17.46	17.47	17.56	18.00
	50	LOW	64QAM	17.27	17.31	17.07	18.00
		MID	64QAM	17.18	17.16	17.17	18.00
		HIGH	64QAM	17.24	17.10	17.15	18.00
	100	LOW	64QAM	17.34	17.11	17.18	18.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.66	14.59	14.57	15.50
		MID	QPSK	14.38	14.57	14.58	15.50
		HIGH	QPSK	14.59	14.57	14.58	15.50
	3	LOW	QPSK	14.85	14.58	14.77	15.50
		MID	QPSK	14.62	14.64	14.79	15.50
		HIGH	QPSK	14.62	14.67	14.56	15.50
	6	LOW	QPSK	14.80	14.73	14.58	15.50
1.4	1	LOW	Q16	14.53	14.37	14.73	15.50
		MID	Q16	14.41	14.40	14.26	15.50
		HIGH	Q16	14.66	14.51	14.74	15.50
	3	LOW	Q16	14.68	14.84	14.66	15.50
		MID	Q16	14.76	14.65	14.66	15.50
		HIGH	Q16	14.58	14.78	14.71	15.50
	6	LOW	Q16	14.77	14.56	14.65	15.50
1.4	1	LOW	64QAM	14.59	14.81	14.99	15.50
		MID	64QAM	14.77	14.57	14.79	15.50
		HIGH	64QAM	14.85	14.90	14.96	15.50
	3	LOW	64QAM	14.75	14.79	14.74	15.50
		MID	64QAM	14.61	14.76	14.56	15.50
		HIGH	64QAM	14.66	14.81	14.78	15.50
	6	LOW	64QAM	14.85	14.76	14.55	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	14.61	14.71	14.80	15.50
		MID	QPSK	14.53	14.59	14.62	15.50
		HIGH	QPSK	14.56	14.63	14.68	15.50
	8	LOW	QPSK	14.79	14.62	14.66	15.50
		MID	QPSK	14.78	14.60	14.72	15.50
		HIGH	QPSK	14.70	14.67	14.74	15.50
	15	LOW	QPSK	14.63	14.58	14.71	15.50
3	1	LOW	Q16	14.40	14.45	14.44	15.50
		MID	Q16	14.43	14.50	14.53	15.50
		HIGH	Q16	14.67	14.52	14.65	15.50
	8	LOW	Q16	14.64	14.57	14.72	15.50
		MID	Q16	14.57	14.62	14.70	15.50
		HIGH	Q16	14.72	14.79	14.59	15.50
	15	LOW	Q16	14.58	14.70	14.55	15.50
3	1	LOW	64QAM	14.88	14.66	14.81	15.50
		MID	64QAM	14.70	14.58	14.76	15.50
		HIGH	64QAM	14.95	14.92	14.78	15.50
	8	LOW	64QAM	14.57	14.71	14.89	15.50
		MID	64QAM	14.86	14.55	14.62	15.50
		HIGH	64QAM	14.75	14.72	14.53	15.50
	15	LOW	64QAM	14.72	14.65	14.50	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	14.55	14.56	14.69	15.50
		MID	QPSK	14.57	14.57	14.55	15.50
		HIGH	QPSK	14.53	14.78	14.81	15.50
	12	LOW	QPSK	14.81	14.81	14.72	15.50
		MID	QPSK	14.64	14.69	14.78	15.50
		HIGH	QPSK	14.67	14.78	14.84	15.50
	25	LOW	QPSK	14.88	14.73	14.65	15.50
5	1	LOW	Q16	14.52	14.42	14.56	15.50
		MID	Q16	14.48	14.27	14.46	15.50
		HIGH	Q16	14.71	14.57	14.57	15.50
	12	LOW	Q16	14.58	14.72	14.88	15.50
		MID	Q16	14.65	14.56	14.73	15.50
		HIGH	Q16	14.70	14.81	14.52	15.50
	25	LOW	Q16	14.62	14.63	14.73	15.50
5	1	LOW	64QAM	14.66	14.95	14.88	15.50
		MID	64QAM	14.74	14.66	14.82	15.50
		HIGH	64QAM	14.88	14.81	14.78	15.50
	12	LOW	64QAM	14.54	14.59	14.70	15.50
		MID	64QAM	14.62	14.79	14.55	15.50
		HIGH	64QAM	14.67	14.86	14.60	15.50
	25	LOW	64QAM	14.55	14.67	14.54	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	14.58	14.60	14.68	15.50
		MID	QPSK	14.38	14.65	14.62	15.50
		HIGH	QPSK	14.58	14.71	14.72	15.50
	25	LOW	QPSK	14.55	14.74	14.79	15.50
		MID	QPSK	14.63	14.82	14.79	15.50
		HIGH	QPSK	14.54	14.81	14.55	15.50
	50	LOW	QPSK	14.73	14.67	14.60	15.50
10	1	LOW	Q16	14.29	14.40	14.68	15.50
		MID	Q16	14.43	14.47	14.44	15.50
		HIGH	Q16	14.74	14.57	14.69	15.50
	25	LOW	Q16	14.78	14.70	14.86	15.50
		MID	Q16	14.79	14.65	14.73	15.50
		HIGH	Q16	14.72	14.62	14.58	15.50
	50	LOW	Q16	14.69	14.61	14.56	15.50
10	1	LOW	64QAM	14.76	14.74	14.81	15.50
		MID	64QAM	14.53	14.79	14.59	15.50
		HIGH	64QAM	14.90	14.89	14.81	15.50
	25	LOW	64QAM	14.58	14.80	14.87	15.50
		MID	64QAM	14.59	14.80	14.78	15.50
		HIGH	64QAM	14.71	14.79	14.72	15.50
	50	LOW	64QAM	14.76	14.75	14.68	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	14.52	14.81	14.70	15.50
		MID	QPSK	14.53	14.52	14.52	15.50
		HIGH	QPSK	14.50	14.76	14.71	15.50
	36	LOW	QPSK	14.77	14.78	14.75	15.50
		MID	QPSK	14.78	14.54	14.80	15.50
		HIGH	QPSK	14.83	14.73	14.62	15.50
	75	LOW	QPSK	14.73	14.79	14.59	15.50
15	1	LOW	Q16	14.46	14.60	14.61	15.50
		MID	Q16	14.38	14.24	14.31	15.50
		HIGH	Q16	14.59	14.73	14.74	15.50
	36	LOW	Q16	14.68	14.77	14.70	15.50
		MID	Q16	14.80	14.71	14.72	15.50
		HIGH	Q16	14.57	14.61	14.52	15.50
	75	LOW	Q16	14.57	14.81	14.57	15.50
15	1	LOW	64QAM	14.85	14.80	14.86	15.50
		MID	64QAM	14.53	14.77	14.58	15.50
		HIGH	64QAM	14.81	14.91	14.91	15.50
	36	LOW	64QAM	14.57	14.59	14.78	15.50
		MID	64QAM	14.83	14.69	14.59	15.50
		HIGH	64QAM	14.69	14.67	14.61	15.50
	75	LOW	64QAM	14.76	14.76	14.72	15.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	14.57	14.66	14.68	15.50
		MID	QPSK	14.49	14.56	14.55	15.50
		HIGH	QPSK	14.62	14.68	14.66	15.50
	50	LOW	QPSK	14.70	14.73	14.77	15.50
		MID	QPSK	14.76	14.68	14.72	15.50
		HIGH	QPSK	14.69	14.78	14.69	15.50
	100	LOW	QPSK	14.73	14.68	14.71	15.50
20	1	LOW	Q16	14.74	14.81	14.88	15.50
		MID	Q16	14.68	14.69	14.69	15.50
		HIGH	Q16	14.96	14.94	14.90	15.50
	50	LOW	Q16	14.68	14.72	14.75	15.50
		MID	Q16	14.71	14.70	14.69	15.50
		HIGH	Q16	14.69	14.74	14.64	15.50
	100	LOW	Q16	14.70	14.70	14.61	15.50
20	1	LOW	64QAM	14.80	14.77	14.96	15.50
		MID	64QAM	14.78	14.61	14.57	15.50
		HIGH	64QAM	14.81	14.87	14.94	15.50
	50	LOW	64QAM	14.77	14.77	14.62	15.50
		MID	64QAM	14.58	14.74	14.68	15.50
		HIGH	64QAM	14.62	14.87	14.57	15.50
	100	LOW	64QAM	14.61	14.83	14.62	15.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.94	23.05	22.93	24.00
		MID	QPSK	23.02	23.05	22.94	24.00
		HIGH	QPSK	22.98	23.03	22.86	24.00
	3	LOW	QPSK	23.03	23.01	22.89	24.00
		MID	QPSK	23.04	**23.07**	22.98	24.00
		HIGH	QPSK	23.03	23.04	22.95	24.00
	6	LOW	QPSK	22.07	22.15	21.98	23.00
1.4	1	LOW	Q16	22.18	22.45	21.94	23.00
		MID	Q16	22.21	22.59	22.09	23.00
		HIGH	Q16	22.22	22.49	22.02	23.00
	3	LOW	Q16	22.14	22.26	22.12	23.00
		MID	Q16	22.15	22.32	22.26	23.00
		HIGH	Q16	22.15	22.34	22.21	23.00
	6	LOW	Q16	21.24	21.04	21.22	22.00
1.4	1	LOW	64QAM	21.07	21.53	21.07	22.00
		MID	64QAM	21.14	21.72	21.23	22.00
		HIGH	64QAM	21.11	21.63	21.16	22.00
	3	LOW	64QAM	21.13	21.32	21.27	22.00
		MID	64QAM	21.22	21.33	21.27	22.00
		HIGH	64QAM	21.20	21.41	21.23	22.00
	6	LOW	64QAM	20.11	20.05	20.30	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.08	23.02	23.01	24.00
		MID	QPSK	23.09	**23.11**	23.10	24.00
		HIGH	QPSK	23.09	23.09	23.05	24.00
	8	LOW	QPSK	22.15	22.10	22.05	23.00
		MID	QPSK	22.18	22.10	22.10	23.00
		HIGH	QPSK	22.17	22.20	22.03	23.00
	15	LOW	QPSK	22.15	22.15	22.08	23.00
3	1	LOW	Q16	22.08	22.50	22.12	23.00
		MID	Q16	22.15	22.65	22.15	23.00
		HIGH	Q16	22.10	22.61	22.11	23.00
	8	LOW	Q16	21.29	21.18	21.09	22.00
		MID	Q16	21.27	21.18	21.14	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.20	21.16	21.08	22.00
3	1	LOW	64QAM	21.22	21.65	21.19	22.00
		MID	64QAM	21.09	21.62	21.05	22.00
		HIGH	64QAM	21.25	21.76	21.21	22.00
	8	LOW	64QAM	21.33	21.29	21.22	22.00
		MID	64QAM	21.36	21.32	21.29	22.00
		HIGH	64QAM	21.39	21.30	21.08	22.00
	15	LOW	64QAM	20.29	20.04	20.04	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	23.06	22.97	24.00
		MID	QPSK	23.16	23.14	23.08	24.00
		HIGH	QPSK	23.05	**23.17**	22.97	24.00
	12	LOW	QPSK	22.14	22.07	22.04	23.00
		MID	QPSK	22.22	22.13	22.09	23.00
		HIGH	QPSK	22.18	22.22	22.08	23.00
	25	LOW	QPSK	22.12	22.09	22.08	23.00
5	1	LOW	Q16	22.29	22.59	22.10	23.00
		MID	Q16	22.32	22.72	22.26	23.00
		HIGH	Q16	22.32	22.69	22.22	23.00
	12	LOW	Q16	21.23	21.23	21.15	22.00
		MID	Q16	21.28	21.28	21.20	22.00
		HIGH	Q16	21.29	21.41	21.20	22.00
	25	LOW	Q16	21.19	21.17	21.04	22.00
5	1	LOW	64QAM	21.14	21.51	21.10	22.00
		MID	64QAM	21.47	21.86	21.15	22.00
		HIGH	64QAM	21.44	21.68	21.07	22.00
	12	LOW	64QAM	20.31	20.35	20.15	21.00
		MID	64QAM	20.14	20.14	20.35	21.00
		HIGH	64QAM	20.35	20.28	20.09	21.00
	25	LOW	64QAM	20.25	20.23	19.95	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.05	23.06	23.06	24.00
		MID	QPSK	22.97	23.10	23.05	24.00
		HIGH	QPSK	23.02	**23.14**	**23.14**	24.00
	25	LOW	QPSK	22.18	22.13	22.12	23.00
		MID	QPSK	22.19	22.16	22.12	23.00
		HIGH	QPSK	22.27	22.23	22.12	23.00
	50	LOW	QPSK	22.21	22.15	22.15	23.00
10	1	LOW	Q16	22.05	22.58	22.17	23.00
		MID	Q16	22.02	22.62	22.02	23.00
		HIGH	Q16	22.05	22.56	22.10	23.00
	25	LOW	Q16	21.20	21.21	21.19	22.00
		MID	Q16	21.23	21.18	21.25	22.00
		HIGH	Q16	21.23	21.30	21.25	22.00
	50	LOW	Q16	21.18	21.18	21.16	22.00
10	1	LOW	64QAM	20.91	21.48	21.14	22.00
		MID	64QAM	20.94	21.74	21.00	22.00
		HIGH	64QAM	21.11	21.59	21.13	22.00
	25	LOW	64QAM	20.17	20.25	20.25	21.00
		MID	64QAM	20.23	20.32	20.17	21.00
		HIGH	64QAM	20.21	20.32	20.30	21.00
	50	LOW	64QAM	20.08	20.30	20.17	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.09	**23.16**	23.11	24.00
		MID	QPSK	22.99	23.04	22.98	24.00
		HIGH	QPSK	23.03	23.05	22.98	24.00
	36	LOW	QPSK	22.07	22.22	22.15	23.00
		MID	QPSK	22.15	22.19	22.17	23.00
		HIGH	QPSK	22.13	22.24	22.14	23.00
	75	LOW	QPSK	22.14	22.14	22.07	23.00
15	1	LOW	Q16	22.07	22.64	22.50	23.00
		MID	Q16	21.99	22.52	22.51	23.00
		HIGH	Q16	22.01	22.53	22.53	23.00
	36	LOW	Q16	21.13	21.25	21.12	22.00
		MID	Q16	21.19	21.24	21.14	22.00
		HIGH	Q16	21.10	21.28	21.15	22.00
	75	LOW	Q16	21.13	21.18	21.13	22.00
15	1	LOW	64QAM	20.92	21.62	21.63	22.00
		MID	64QAM	20.92	21.40	21.48	22.00
		HIGH	64QAM	21.05	21.41	21.49	22.00
	36	LOW	64QAM	19.98	20.12	20.27	21.00
		MID	64QAM	20.33	20.35	20.17	21.00
		HIGH	64QAM	20.03	20.33	20.06	21.00
	75	LOW	64QAM	20.18	20.14	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.08	**23.15**	23.14	24.00
		MID	QPSK	23.01	23.07	22.99	24.00
		HIGH	QPSK	23.04	23.12	23.12	24.00
	50	LOW	QPSK	22.20	22.26	22.20	23.00
		MID	QPSK	22.21	22.18	22.13	23.00
		HIGH	QPSK	22.15	22.23	22.16	23.00
	100	LOW	QPSK	22.18	22.18	22.11	23.00
20	1	LOW	Q16	22.55	22.61	22.59	23.00
		MID	Q16	22.48	22.65	22.49	23.00
		HIGH	Q16	22.62	22.77	22.52	23.00
	50	LOW	Q16	21.12	21.27	21.21	22.00
		MID	Q16	21.12	21.19	21.19	22.00
		HIGH	Q16	21.14	21.25	21.18	22.00
	100	LOW	Q16	21.19	21.22	21.18	22.00
20	1	LOW	64QAM	21.54	21.47	21.62	22.00
		MID	64QAM	21.59	21.80	21.36	22.00
		HIGH	64QAM	21.68	21.73	21.43	22.00
	50	LOW	64QAM	20.15	20.39	20.33	21.00
		MID	64QAM	20.25	20.08	20.07	21.00
		HIGH	64QAM	20.29	20.25	20.03	21.00
	100	LOW	64QAM	20.17	20.33	20.18	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.27	20.04	20.06	21.00
		MID	QPSK	20.03	20.02	20.12	21.00
		HIGH	QPSK	20.33	20.34	20.28	21.00
	3	LOW	QPSK	20.11	20.19	20.22	21.00
		MID	QPSK	20.38	20.32	20.26	21.00
		HIGH	QPSK	20.35	20.34	20.24	21.00
	6	LOW	QPSK	20.30	20.40	20.24	21.00
1.4	1	LOW	Q16	20.65	20.30	20.46	21.00
		MID	Q16	20.46	20.51	20.51	21.00
		HIGH	Q16	20.60	**20.72**	20.67	21.00
	3	LOW	Q16	20.18	20.22	20.42	21.00
		MID	Q16	20.12	20.33	20.20	21.00
		HIGH	Q16	20.41	20.22	20.17	21.00
	6	LOW	Q16	20.26	20.30	20.05	21.00
1.4	1	LOW	64QAM	20.53	20.18	20.46	21.00
		MID	64QAM	20.48	20.52	20.59	21.00
		HIGH	64QAM	20.64	20.66	20.54	21.00
	3	LOW	64QAM	20.25	20.36	20.20	21.00
		MID	64QAM	20.15	20.19	20.36	21.00
		HIGH	64QAM	20.35	20.36	20.29	21.00
	6	LOW	64QAM	20.29	20.26	20.05	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.26	20.17	20.08	21.00
		MID	QPSK	20.14	20.19	20.09	21.00
		HIGH	QPSK	20.18	20.24	20.28	21.00
	8	LOW	QPSK	20.13	20.35	20.35	21.00
		MID	QPSK	20.47	20.41	20.13	21.00
		HIGH	QPSK	20.21	20.45	20.11	21.00
	15	LOW	QPSK	20.46	20.12	20.25	21.00
3	1	LOW	Q16	**20.76**	20.53	20.54	21.00
		MID	Q16	20.45	20.54	20.52	21.00
		HIGH	Q16	20.52	20.56	20.74	21.00
	8	LOW	Q16	20.23	20.44	20.16	21.00
		MID	Q16	20.27	20.34	20.12	21.00
		HIGH	Q16	20.37	20.41	20.28	21.00
	15	LOW	Q16	20.17	20.25	20.32	21.00
3	1	LOW	64QAM	20.58	20.48	20.48	21.00
		MID	64QAM	20.60	20.59	20.43	21.00
		HIGH	64QAM	20.50	20.74	20.73	21.00
	8	LOW	64QAM	20.21	20.41	20.33	21.00
		MID	64QAM	20.20	20.36	20.25	21.00
		HIGH	64QAM	20.40	20.33	20.40	21.00
	15	LOW	64QAM	20.17	20.20	20.09	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.26	20.10	20.19	21.00
		MID	QPSK	19.96	19.98	20.18	21.00
		HIGH	QPSK	20.14	20.32	20.24	21.00
	12	LOW	QPSK	20.22	20.22	20.30	21.00
		MID	QPSK	20.23	20.13	20.30	21.00
		HIGH	QPSK	20.32	20.25	20.32	21.00
	25	LOW	QPSK	20.21	20.39	20.32	21.00
5	1	LOW	Q16	20.61	20.51	20.66	21.00
		MID	Q16	20.39	20.42	20.58	21.00
		HIGH	Q16	20.58	20.64	20.56	21.00
	12	LOW	Q16	20.23	20.42	20.41	21.00
		MID	Q16	20.36	20.35	20.11	21.00
		HIGH	Q16	20.19	20.37	20.40	21.00
	25	LOW	Q16	20.28	20.25	20.26	21.00
5	1	LOW	64QAM	**20.76**	20.48	20.68	21.00
		MID	64QAM	20.43	20.47	20.52	21.00
		HIGH	64QAM	20.56	20.70	20.47	21.00
	12	LOW	64QAM	20.15	20.34	20.41	21.00
		MID	64QAM	20.36	20.14	20.13	21.00
		HIGH	64QAM	20.31	20.44	20.11	21.00
	25	LOW	64QAM	20.25	20.29	20.23	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.14	20.26	**20.27**	21.00
		MID	QPSK	19.95	20.18	20.15	21.00
		HIGH	QPSK	20.08	20.17	20.23	21.00
	25	LOW	QPSK	20.38	20.37	20.21	21.00
		MID	QPSK	20.42	20.23	20.20	21.00
		HIGH	QPSK	20.21	20.27	20.24	21.00
	50	LOW	QPSK	20.45	20.19	20.32	21.00
10	1	LOW	Q16	20.57	20.57	20.72	21.00
		MID	Q16	20.39	20.53	20.58	21.00
		HIGH	Q16	20.42	20.60	20.65	21.00
	25	LOW	Q16	20.21	20.38	20.32	21.00
		MID	Q16	20.21	20.17	20.20	21.00
		HIGH	Q16	20.26	20.21	20.40	21.00
	50	LOW	Q16	20.42	20.43	20.09	21.00
10	1	LOW	64QAM	20.49	20.69	**20.73**	21.00
		MID	64QAM	20.34	20.65	20.46	21.00
		HIGH	64QAM	20.42	20.53	20.72	21.00
	25	LOW	64QAM	20.24	20.32	20.35	21.00
		MID	64QAM	20.24	20.43	20.11	21.00
		HIGH	64QAM	20.25	20.39	20.29	21.00
	50	LOW	64QAM	20.31	20.25	20.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.12	20.07	20.31	21.00
		MID	QPSK	20.14	19.98	19.95	21.00
		HIGH	QPSK	20.07	20.37	20.14	21.00
	36	LOW	QPSK	20.10	20.17	20.21	21.00
		MID	QPSK	20.29	20.15	20.10	21.00
		HIGH	QPSK	20.24	20.15	20.21	21.00
	75	LOW	QPSK	20.30	20.39	20.33	21.00
15	1	LOW	Q16	20.55	20.43	20.68	21.00
		MID	Q16	20.47	20.43	20.44	21.00
		HIGH	Q16	20.40	**20.75**	20.64	21.00
	36	LOW	Q16	20.36	20.40	20.36	21.00
		MID	Q16	20.20	20.34	20.32	21.00
		HIGH	Q16	20.15	20.16	20.32	21.00
	75	LOW	Q16	20.28	20.17	20.32	21.00
15	1	LOW	64QAM	20.46	20.46	20.63	21.00
		MID	64QAM	20.41	20.41	20.40	21.00
		HIGH	64QAM	20.55	20.74	20.56	21.00
	36	LOW	64QAM	20.25	20.26	20.27	21.00
		MID	64QAM	20.31	20.29	20.33	21.00
		HIGH	64QAM	20.28	20.36	20.29	21.00
	75	LOW	64QAM	20.25	20.17	20.27	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.15	20.19	20.14	21.00
		MID	QPSK	20.05	20.13	20.09	21.00
		HIGH	QPSK	20.21	**20.23**	20.19	21.00
	50	LOW	QPSK	20.25	**20.32**	20.24	21.00
		MID	QPSK	20.28	20.26	20.20	21.00
		HIGH	QPSK	20.27	20.30	20.21	21.00
	100	LOW	QPSK	20.32	20.26	20.20	21.00
20	1	LOW	Q16	20.64	**20.54**	20.60	21.00
		MID	Q16	20.53	20.56	20.59	21.00
		HIGH	Q16	**20.69**	20.65	20.62	21.00
	50	LOW	Q16	20.21	20.36	20.27	21.00
		MID	Q16	20.26	20.29	20.21	21.00
		HIGH	Q16	20.27	20.31	20.25	21.00
	100	LOW	Q16	20.32	20.30	20.18	21.00
20	1	LOW	64QAM	20.54	20.53	20.53	21.00
		MID	64QAM	20.51	20.54	20.43	21.00
		HIGH	64QAM	20.67	**20.69**	20.56	21.00
	50	LOW	64QAM	20.15	20.32	20.32	21.00
		MID	64QAM	20.27	20.21	20.23	21.00
		HIGH	64QAM	20.29	20.35	20.11	21.00
	100	LOW	64QAM	20.29	20.43	20.33	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.94	23.05	22.93	24.00
		MID	QPSK	23.02	23.05	22.94	24.00
		HIGH	QPSK	22.98	23.03	22.86	24.00
	3	LOW	QPSK	23.03	23.01	22.89	24.00
		MID	QPSK	23.04	**23.07**	22.98	24.00
		HIGH	QPSK	23.03	23.04	22.95	24.00
	6	LOW	QPSK	22.07	22.15	21.98	23.00
1.4	1	LOW	Q16	22.18	22.45	21.94	23.00
		MID	Q16	22.21	22.59	22.09	23.00
		HIGH	Q16	22.22	22.49	22.02	23.00
	3	LOW	Q16	22.14	22.26	22.12	23.00
		MID	Q16	22.15	22.32	22.26	23.00
		HIGH	Q16	22.15	22.34	22.21	23.00
	6	LOW	Q16	21.24	21.04	21.22	22.00
1.4	1	LOW	64QAM	21.07	21.53	21.07	22.00
		MID	64QAM	21.14	21.72	21.23	22.00
		HIGH	64QAM	21.11	21.63	21.16	22.00
	3	LOW	64QAM	21.13	21.32	21.27	22.00
		MID	64QAM	21.22	21.33	21.27	22.00
		HIGH	64QAM	21.20	21.41	21.23	22.00
	6	LOW	64QAM	20.11	20.05	20.30	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.08	23.02	23.01	24.00
		MID	QPSK	23.09	**23.11**	23.10	24.00
		HIGH	QPSK	23.09	23.09	23.05	24.00
	8	LOW	QPSK	22.15	22.10	22.05	23.00
		MID	QPSK	22.18	22.10	22.10	23.00
		HIGH	QPSK	22.17	22.20	22.03	23.00
	15	LOW	QPSK	22.15	22.15	22.08	23.00
3	1	LOW	Q16	22.08	22.50	22.12	23.00
		MID	Q16	22.15	22.65	22.15	23.00
		HIGH	Q16	22.10	22.61	22.11	23.00
	8	LOW	Q16	21.29	21.18	21.09	22.00
		MID	Q16	21.27	21.18	21.14	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.20	21.16	21.08	22.00
3	1	LOW	64QAM	21.22	21.65	21.19	22.00
		MID	64QAM	21.09	21.62	21.05	22.00
		HIGH	64QAM	21.25	21.76	21.21	22.00
	8	LOW	64QAM	21.33	21.29	21.22	22.00
		MID	64QAM	21.36	21.32	21.29	22.00
		HIGH	64QAM	21.39	21.30	21.08	22.00
	15	LOW	64QAM	20.29	20.04	20.04	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	23.06	22.97	24.00
		MID	QPSK	23.16	23.14	23.08	24.00
		HIGH	QPSK	23.05	**23.17**	22.97	24.00
	12	LOW	QPSK	22.14	22.07	22.04	23.00
		MID	QPSK	22.22	22.13	22.09	23.00
		HIGH	QPSK	22.18	22.22	22.08	23.00
	25	LOW	QPSK	22.12	22.09	22.08	23.00
5	1	LOW	Q16	22.29	22.59	22.10	23.00
		MID	Q16	22.32	22.72	22.26	23.00
		HIGH	Q16	22.32	22.69	22.22	23.00
	12	LOW	Q16	21.23	21.23	21.15	22.00
		MID	Q16	21.28	21.28	21.20	22.00
		HIGH	Q16	21.29	21.41	21.20	22.00
	25	LOW	Q16	21.19	21.17	21.04	22.00
5	1	LOW	64QAM	21.14	21.51	21.10	22.00
		MID	64QAM	21.47	21.86	21.15	22.00
		HIGH	64QAM	21.44	21.68	21.07	22.00
	12	LOW	64QAM	20.31	20.35	20.15	21.00
		MID	64QAM	20.14	20.14	20.35	21.00
		HIGH	64QAM	20.35	20.28	20.09	21.00
	25	LOW	64QAM	20.25	20.23	19.95	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.05	23.06	23.06	24.00
		MID	QPSK	22.97	23.10	23.05	24.00
		HIGH	QPSK	23.02	**23.14**	**23.14**	24.00
	25	LOW	QPSK	22.18	22.13	22.12	23.00
		MID	QPSK	22.19	22.16	22.12	23.00
		HIGH	QPSK	22.27	22.23	22.12	23.00
	50	LOW	QPSK	22.21	22.15	22.15	23.00
10	1	LOW	Q16	22.05	22.58	22.17	23.00
		MID	Q16	22.02	22.62	22.02	23.00
		HIGH	Q16	22.05	22.56	22.10	23.00
	25	LOW	Q16	21.20	21.21	21.19	22.00
		MID	Q16	21.23	21.18	21.25	22.00
		HIGH	Q16	21.23	21.30	21.25	22.00
	50	LOW	Q16	21.18	21.18	21.16	22.00
10	1	LOW	64QAM	20.91	21.48	21.14	22.00
		MID	64QAM	20.94	21.74	21.00	22.00
		HIGH	64QAM	21.11	21.59	21.13	22.00
	25	LOW	64QAM	20.17	20.25	20.25	21.00
		MID	64QAM	20.23	20.32	20.17	21.00
		HIGH	64QAM	20.21	20.32	20.30	21.00
	50	LOW	64QAM	20.08	20.30	20.17	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.09	**23.16**	23.11	24.00
		MID	QPSK	22.99	23.04	22.98	24.00
		HIGH	QPSK	23.03	23.05	22.98	24.00
	36	LOW	QPSK	22.07	22.22	22.15	23.00
		MID	QPSK	22.15	22.19	22.17	23.00
		HIGH	QPSK	22.13	22.24	22.14	23.00
	75	LOW	QPSK	22.14	22.14	22.07	23.00
15	1	LOW	Q16	22.07	22.64	22.50	23.00
		MID	Q16	21.99	22.52	22.51	23.00
		HIGH	Q16	22.01	22.53	22.53	23.00
	36	LOW	Q16	21.13	21.25	21.12	22.00
		MID	Q16	21.19	21.24	21.14	22.00
		HIGH	Q16	21.10	21.28	21.15	22.00
	75	LOW	Q16	21.13	21.18	21.13	22.00
15	1	LOW	64QAM	20.92	21.62	21.63	22.00
		MID	64QAM	20.92	21.40	21.48	22.00
		HIGH	64QAM	21.05	21.41	21.49	22.00
	36	LOW	64QAM	19.98	20.12	20.27	21.00
		MID	64QAM	20.33	20.35	20.17	21.00
		HIGH	64QAM	20.03	20.33	20.06	21.00
	75	LOW	64QAM	20.18	20.14	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.08	**23.15**	23.14	24.00
		MID	QPSK	23.01	23.07	22.99	24.00
		HIGH	QPSK	23.04	23.12	23.12	24.00
	50	LOW	QPSK	22.20	**22.26**	22.20	23.00
		MID	QPSK	22.21	22.18	22.13	23.00
		HIGH	QPSK	22.15	22.23	22.16	23.00
	100	LOW	QPSK	22.18	22.18	22.11	23.00
20	1	LOW	Q16	22.55	22.61	22.59	23.00
		MID	Q16	22.48	22.65	22.49	23.00
		HIGH	Q16	22.62	**22.77**	22.52	23.00
	50	LOW	Q16	21.12	21.27	21.21	22.00
		MID	Q16	21.12	21.19	21.19	22.00
		HIGH	Q16	21.14	21.25	21.18	22.00
	100	LOW	Q16	21.19	21.22	21.18	22.00
20	1	LOW	64QAM	21.54	21.47	21.62	22.00
		MID	64QAM	21.59	21.80	21.36	22.00
		HIGH	64QAM	21.68	21.73	21.43	22.00
	50	LOW	64QAM	20.15	20.39	20.33	21.00
		MID	64QAM	20.25	20.08	20.07	21.00
		HIGH	64QAM	20.29	20.25	20.03	21.00
	100	LOW	64QAM	20.17	20.33	20.18	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.23	18.04	18.10	19.00
		MID	QPSK	17.88	18.02	18.14	19.00
		HIGH	QPSK	18.09	18.08	18.32	19.00
	3	LOW	QPSK	18.31	18.25	18.20	19.00
		MID	QPSK	18.43	18.15	18.25	19.00
		HIGH	QPSK	18.29	18.14	18.32	19.00
	6	LOW	QPSK	18.36	18.18	18.02	19.00
1.4	1	LOW	Q16	18.54	18.37	18.41	19.00
		MID	Q16	18.36	18.38	18.47	19.00
		HIGH	Q16	18.55	18.41	18.52	19.00
	3	LOW	Q16	18.22	18.30	18.14	19.00
		MID	Q16	18.33	18.35	18.29	19.00
		HIGH	Q16	18.28	18.40	18.37	19.00
	6	LOW	Q16	18.29	18.21	18.12	19.00
1.4	1	LOW	64QAM	**18.69**	18.63	18.42	19.00
		MID	64QAM	18.51	18.58	18.52	19.00
		HIGH	64QAM	18.51	18.49	18.51	19.00
	3	LOW	64QAM	18.38	18.38	18.26	19.00
		MID	64QAM	18.23	18.20	18.22	19.00
		HIGH	64QAM	18.10	18.45	18.23	19.00
	6	LOW	64QAM	18.19	18.37	18.19	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.18	18.24	18.04	19.00
		MID	QPSK	17.89	18.15	17.98	19.00
		HIGH	QPSK	18.27	18.27	18.07	19.00
	8	LOW	QPSK	18.36	18.10	18.20	19.00
		MID	QPSK	18.43	18.29	18.31	19.00
		HIGH	QPSK	18.34	18.22	18.07	19.00
	15	LOW	QPSK	18.22	18.30	18.18	19.00
3	1	LOW	Q16	18.60	**18.73**	18.47	19.00
		MID	Q16	18.29	18.58	18.40	19.00
		HIGH	Q16	18.56	18.70	18.41	19.00
	8	LOW	Q16	18.25	18.37	18.20	19.00
		MID	Q16	18.38	18.42	18.28	19.00
		HIGH	Q16	18.14	18.36	18.09	19.00
	15	LOW	Q16	18.30	18.17	18.31	19.00
3	1	LOW	64QAM	18.70	18.45	18.41	19.00
		MID	64QAM	18.50	18.59	18.54	19.00
		HIGH	64QAM	18.69	18.59	18.60	19.00
	8	LOW	64QAM	18.25	18.17	18.35	19.00
		MID	64QAM	18.17	18.29	18.11	19.00
		HIGH	64QAM	18.33	18.42	18.09	19.00
	15	LOW	64QAM	18.45	18.45	18.14	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.14	18.19	18.06	19.00
		MID	QPSK	17.86	18.11	17.96	19.00
		HIGH	QPSK	18.22	18.02	18.15	19.00
	12	LOW	QPSK	18.24	18.14	18.22	19.00
		MID	QPSK	18.24	18.16	18.10	19.00
		HIGH	QPSK	18.35	18.13	18.18	19.00
	25	LOW	QPSK	18.22	18.28	18.18	19.00
5	1	LOW	Q16	18.62	18.48	18.56	19.00
		MID	Q16	18.32	18.45	18.46	19.00
		HIGH	Q16	18.56	18.38	18.46	19.00
	12	LOW	Q16	18.18	18.40	18.28	19.00
		MID	Q16	18.15	18.23	18.12	19.00
		HIGH	Q16	18.19	18.34	18.08	19.00
	25	LOW	Q16	18.16	18.33	18.26	19.00
5	1	LOW	64QAM	18.55	18.61	18.46	19.00
		MID	64QAM	18.62	18.63	18.48	19.00
		HIGH	64QAM	18.61	18.54	**18.65**	19.00
	12	LOW	64QAM	18.16	18.30	18.13	19.00
		MID	64QAM	18.14	18.35	18.21	19.00
		HIGH	64QAM	18.39	18.35	18.22	19.00
	25	LOW	64QAM	18.27	18.41	18.21	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	18.16	18.03	18.09	19.00
		MID	QPSK	18.09	18.13	18.05	19.00
		HIGH	QPSK	18.35	18.29	18.15	19.00
	25	LOW	QPSK	18.30	18.23	18.15	19.00
		MID	QPSK	18.26	18.29	18.15	19.00
		HIGH	QPSK	18.13	18.32	18.27	19.00
	50	LOW	QPSK	18.12	18.36	18.09	19.00
10	1	LOW	Q16	18.56	18.34	18.41	19.00
		MID	Q16	18.44	18.45	18.30	19.00
		HIGH	Q16	18.66	18.61	18.65	19.00
	25	LOW	Q16	18.29	18.30	18.14	19.00
		MID	Q16	18.25	18.17	18.32	19.00
		HIGH	Q16	18.19	18.29	18.11	19.00
	50	LOW	Q16	18.19	18.33	18.05	19.00
10	1	LOW	64QAM	18.62	18.47	**18.67**	19.00
		MID	64QAM	18.57	18.44	18.33	19.00
		HIGH	64QAM	18.54	18.47	18.61	19.00
	25	LOW	64QAM	18.37	18.22	18.29	19.00
		MID	64QAM	18.17	18.42	18.12	19.00
		HIGH	64QAM	18.19	18.38	18.29	19.00
	50	LOW	64QAM	18.24	18.22	18.06	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	18.06	18.14	18.16	19.00
		MID	QPSK	18.08	18.23	18.04	19.00
		HIGH	QPSK	18.13	18.20	18.27	19.00
	36	LOW	QPSK	18.21	18.10	18.33	19.00
		MID	QPSK	18.24	18.24	18.04	19.00
		HIGH	QPSK	18.12	18.08	18.26	19.00
	75	LOW	QPSK	18.31	18.24	18.06	19.00
15	1	LOW	Q16	18.54	18.50	18.64	19.00
		MID	Q16	18.55	18.45	18.51	19.00
		HIGH	Q16	18.52	18.58	18.71	19.00
	36	LOW	Q16	18.31	18.36	18.28	19.00
		MID	Q16	18.39	18.34	18.33	19.00
		HIGH	Q16	18.33	18.20	18.24	19.00
	75	LOW	Q16	18.31	18.32	18.25	19.00
15	1	LOW	64QAM	18.73	18.64	18.55	19.00
		MID	64QAM	18.47	18.61	18.35	19.00
		HIGH	64QAM	18.66	18.50	**18.77**	19.00
	36	LOW	64QAM	18.36	18.18	18.22	19.00
		MID	64QAM	18.38	18.25	18.25	19.00
		HIGH	64QAM	18.13	18.24	18.28	19.00
	75	LOW	64QAM	18.33	18.33	18.22	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	18.10	**18.20**	18.16	19.00
		MID	QPSK	18.01	18.08	18.07	19.00
		HIGH	QPSK	18.15	18.17	18.17	19.00
	50	LOW	QPSK	18.21	**18.29**	18.23	19.00
		MID	QPSK	18.25	18.22	18.17	19.00
		HIGH	QPSK	18.23	18.23	18.22	19.00
	100	LOW	QPSK	18.24	18.21	18.13	19.00
20	1	LOW	Q16	18.59	18.58	18.56	19.00
		MID	Q16	18.50	18.51	18.45	19.00
		HIGH	Q16	18.66	18.59	18.63	19.00
	50	LOW	Q16	18.25	18.30	18.28	19.00
		MID	Q16	18.27	18.27	18.24	19.00
		HIGH	Q16	18.25	18.30	18.22	19.00
	100	LOW	Q16	18.31	18.30	18.20	19.00
20	1	LOW	64QAM	18.55	18.75	**18.86**	19.00
		MID	64QAM	18.45	18.73	18.76	19.00
		HIGH	64QAM	18.58	18.75	18.77	19.00
	50	LOW	64QAM	18.38	18.15	18.30	19.00
		MID	64QAM	18.33	18.25	18.29	19.00
		HIGH	64QAM	18.39	18.29	18.31	19.00
	100	LOW	64QAM	18.29	18.44	18.09	19.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.94	23.05	22.93	24.00
		MID	QPSK	23.02	23.05	22.94	24.00
		HIGH	QPSK	22.98	23.03	22.86	24.00
	3	LOW	QPSK	23.03	23.01	22.89	24.00
		MID	QPSK	23.04	23.07	22.98	24.00
		HIGH	QPSK	23.03	23.04	22.95	24.00
	6	LOW	QPSK	22.07	22.15	21.98	23.00
1.4	1	LOW	Q16	22.18	22.45	21.94	23.00
		MID	Q16	22.21	22.59	22.09	23.00
		HIGH	Q16	22.22	22.49	22.02	23.00
	3	LOW	Q16	22.14	22.26	22.12	23.00
		MID	Q16	22.15	22.32	22.26	23.00
		HIGH	Q16	22.15	22.34	22.21	23.00
	6	LOW	Q16	21.24	21.04	21.22	22.00
1.4	1	LOW	64QAM	21.07	21.53	21.07	22.00
		MID	64QAM	21.14	21.72	21.23	22.00
		HIGH	64QAM	21.11	21.63	21.16	22.00
	3	LOW	64QAM	21.13	21.32	21.27	22.00
		MID	64QAM	21.22	21.33	21.27	22.00
		HIGH	64QAM	21.20	21.41	21.23	22.00
	6	LOW	64QAM	20.11	20.05	20.30	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.08	23.02	23.01	24.00
		MID	QPSK	23.09	23.11	23.10	24.00
		HIGH	QPSK	23.09	23.09	23.05	24.00
	8	LOW	QPSK	22.15	22.10	22.05	23.00
		MID	QPSK	22.18	22.10	22.10	23.00
		HIGH	QPSK	22.17	22.20	22.03	23.00
	15	LOW	QPSK	22.15	22.15	22.08	23.00
3	1	LOW	Q16	22.08	22.50	22.12	23.00
		MID	Q16	22.15	22.65	22.15	23.00
		HIGH	Q16	22.10	22.61	22.11	23.00
	8	LOW	Q16	21.29	21.18	21.09	22.00
		MID	Q16	21.27	21.18	21.14	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.20	21.16	21.08	22.00
3	1	LOW	64QAM	21.22	21.65	21.19	22.00
		MID	64QAM	21.09	21.62	21.05	22.00
		HIGH	64QAM	21.25	21.76	21.21	22.00
	8	LOW	64QAM	21.33	21.29	21.22	22.00
		MID	64QAM	21.36	21.32	21.29	22.00
		HIGH	64QAM	21.39	21.30	21.08	22.00
	15	LOW	64QAM	20.29	20.04	20.04	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	23.06	22.97	24.00
		MID	QPSK	23.16	23.14	23.08	24.00
		HIGH	QPSK	23.05	23.17	22.97	24.00
	12	LOW	QPSK	22.14	22.07	22.04	23.00
		MID	QPSK	22.22	22.13	22.09	23.00
		HIGH	QPSK	22.18	22.22	22.08	23.00
	25	LOW	QPSK	22.12	22.09	22.08	23.00
5	1	LOW	Q16	22.29	22.59	22.10	23.00
		MID	Q16	22.32	22.72	22.26	23.00
		HIGH	Q16	22.32	22.69	22.22	23.00
	12	LOW	Q16	21.23	21.23	21.15	22.00
		MID	Q16	21.28	21.28	21.20	22.00
		HIGH	Q16	21.29	21.41	21.20	22.00
	25	LOW	Q16	21.19	21.17	21.04	22.00
5	1	LOW	64QAM	21.14	21.51	21.10	22.00
		MID	64QAM	21.47	21.86	21.15	22.00
		HIGH	64QAM	21.44	21.68	21.07	22.00
	12	LOW	64QAM	20.31	20.35	20.15	21.00
		MID	64QAM	20.14	20.14	20.35	21.00
		HIGH	64QAM	20.35	20.28	20.09	21.00
	25	LOW	64QAM	20.25	20.23	19.95	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.05	23.06	23.06	24.00
		MID	QPSK	22.97	23.10	23.05	24.00
		HIGH	QPSK	23.02	23.14	23.14	24.00
	25	LOW	QPSK	22.18	22.13	22.12	23.00
		MID	QPSK	22.19	22.16	22.12	23.00
		HIGH	QPSK	22.27	22.23	22.12	23.00
	50	LOW	QPSK	22.21	22.15	22.15	23.00
10	1	LOW	Q16	22.05	22.58	22.17	23.00
		MID	Q16	22.02	22.62	22.02	23.00
		HIGH	Q16	22.05	22.56	22.10	23.00
	25	LOW	Q16	21.20	21.21	21.19	22.00
		MID	Q16	21.23	21.18	21.25	22.00
		HIGH	Q16	21.23	21.30	21.25	22.00
	50	LOW	Q16	21.18	21.18	21.16	22.00
10	1	LOW	64QAM	20.91	21.48	21.14	22.00
		MID	64QAM	20.94	21.74	21.00	22.00
		HIGH	64QAM	21.11	21.59	21.13	22.00
	25	LOW	64QAM	20.17	20.25	20.25	21.00
		MID	64QAM	20.23	20.32	20.17	21.00
		HIGH	64QAM	20.21	20.32	20.30	21.00
	50	LOW	64QAM	20.08	20.30	20.17	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.09	23.16	23.11	24.00
		MID	QPSK	22.99	23.04	22.98	24.00
		HIGH	QPSK	23.03	23.05	22.98	24.00
	36	LOW	QPSK	22.07	22.22	22.15	23.00
		MID	QPSK	22.15	22.19	22.17	23.00
		HIGH	QPSK	22.13	22.24	22.14	23.00
	75	LOW	QPSK	22.14	22.14	22.07	23.00
15	1	LOW	Q16	22.07	22.64	22.50	23.00
		MID	Q16	21.99	22.52	22.51	23.00
		HIGH	Q16	22.01	22.53	22.53	23.00
	36	LOW	Q16	21.13	21.25	21.12	22.00
		MID	Q16	21.19	21.24	21.14	22.00
		HIGH	Q16	21.10	21.28	21.15	22.00
	75	LOW	Q16	21.13	21.18	21.13	22.00
15	1	LOW	64QAM	20.92	21.62	21.63	22.00
		MID	64QAM	20.92	21.40	21.48	22.00
		HIGH	64QAM	21.05	21.41	21.49	22.00
	36	LOW	64QAM	19.98	20.12	20.27	21.00
		MID	64QAM	20.33	20.35	20.17	21.00
		HIGH	64QAM	20.03	20.33	20.06	21.00
	75	LOW	64QAM	20.18	20.14	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.08	**23.15**	23.14	24.00
		MID	QPSK	23.01	23.07	22.99	24.00
		HIGH	QPSK	23.04	23.12	23.12	24.00
	50	LOW	QPSK	22.20	22.26	22.20	23.00
		MID	QPSK	22.21	22.18	22.13	23.00
		HIGH	QPSK	22.15	22.23	22.16	23.00
	100	LOW	QPSK	22.18	22.18	22.11	23.00
20	1	LOW	Q16	22.55	22.61	22.59	23.00
		MID	Q16	22.48	22.65	22.49	23.00
		HIGH	Q16	22.62	22.77	22.52	23.00
	50	LOW	Q16	21.12	21.27	21.21	22.00
		MID	Q16	21.12	21.19	21.19	22.00
		HIGH	Q16	21.14	21.25	21.18	22.00
	100	LOW	Q16	21.19	21.22	21.18	22.00
20	1	LOW	64QAM	21.54	21.47	21.62	22.00
		MID	64QAM	21.59	21.80	21.36	22.00
		HIGH	64QAM	21.68	21.73	21.43	22.00
	50	LOW	64QAM	20.15	20.39	20.33	21.00
		MID	64QAM	20.25	20.08	20.07	21.00
		HIGH	64QAM	20.29	20.25	20.03	21.00
	100	LOW	64QAM	20.17	20.33	20.18	21.00

8.3.3 LTE Band5 Output Power

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.04	22.90	24.00
		MID	QPSK	23.09	23.07	22.96	24.00
		HIGH	QPSK	23.05	23.03	22.80	24.00
	3	LOW	QPSK	23.15	23.03	22.93	24.00
		MID	QPSK	**23.16**	23.00	22.98	24.00
		HIGH	QPSK	23.09	23.04	22.91	24.00
	6	LOW	QPSK	22.17	22.15	21.92	23.00
1.4	1	LOW	Q16	22.34	22.47	21.98	23.00
		MID	Q16	22.34	22.49	22.09	23.00
		HIGH	Q16	22.31	22.43	21.98	23.00
	3	LOW	Q16	22.25	22.33	22.16	23.00
		MID	Q16	22.25	22.31	22.24	23.00
		HIGH	Q16	22.22	22.31	22.18	23.00
	6	LOW	Q16	21.46	21.06	21.19	22.00
1.4	1	LOW	64QAM	21.24	21.41	21.05	22.00
		MID	64QAM	21.34	21.59	21.23	22.00
		HIGH	64QAM	21.42	21.36	21.02	22.00
	3	LOW	64QAM	21.24	21.24	21.20	22.00
		MID	64QAM	21.13	21.23	21.32	22.00
		HIGH	64QAM	21.37	21.30	21.28	22.00
	6	LOW	64QAM	20.48	20.11	20.04	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.28**	23.08	23.10	24.00
		MID	QPSK	23.23	23.07	23.09	24.00
		HIGH	QPSK	23.13	23.03	22.93	24.00
	8	LOW	QPSK	22.33	22.14	22.08	23.00
		MID	QPSK	22.28	22.22	22.07	23.00
		HIGH	QPSK	22.23	22.11	21.98	23.00
	15	LOW	QPSK	22.28	22.17	22.08	23.00
3	1	LOW	Q16	22.29	22.62	22.17	23.00
		MID	Q16	22.26	22.62	22.15	23.00
		HIGH	Q16	22.14	22.53	22.03	23.00
	8	LOW	Q16	21.37	21.20	21.15	22.00
		MID	Q16	21.40	21.29	21.16	22.00
		HIGH	Q16	21.34	21.24	21.09	22.00
	15	LOW	Q16	21.32	21.28	21.10	22.00
3	1	LOW	64QAM	21.36	21.57	21.16	22.00
		MID	64QAM	21.22	21.60	21.17	22.00
		HIGH	64QAM	21.28	21.45	21.02	22.00
	8	LOW	64QAM	21.25	21.12	21.14	22.00
		MID	64QAM	21.36	21.28	21.04	22.00
		HIGH	64QAM	21.33	21.29	21.13	22.00
	15	LOW	64QAM	20.20	20.37	20.23	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	**23.26**	23.19	23.06	24.00
		MID	QPSK	23.22	23.15	23.04	24.00
		HIGH	QPSK	23.06	23.10	22.89	24.00
	12	LOW	QPSK	22.30	22.15	22.00	23.00
		MID	QPSK	22.29	22.20	22.04	23.00
		HIGH	QPSK	22.23	22.13	22.03	23.00
	25	LOW	QPSK	22.25	22.09	22.05	23.00
5	1	LOW	Q16	22.51	22.76	22.26	23.00
		MID	Q16	22.41	22.72	22.25	23.00
		HIGH	Q16	22.37	22.61	22.10	23.00
	12	LOW	Q16	21.41	21.35	21.15	22.00
		MID	Q16	21.33	21.39	21.16	22.00
		HIGH	Q16	21.29	21.32	21.16	22.00
	25	LOW	Q16	21.28	21.21	20.95	22.00
5	1	LOW	64QAM	21.49	21.74	21.39	22.00
		MID	64QAM	21.47	21.65	21.18	22.00
		HIGH	64QAM	21.40	21.57	21.11	22.00
	12	LOW	64QAM	20.39	20.23	20.14	21.00
		MID	64QAM	20.25	20.41	20.17	21.00
		HIGH	64QAM	20.35	20.17	20.18	21.00
	25	LOW	64QAM	20.26	20.36	19.93	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.08	**23.17**	23.11	24.00
		MID	QPSK	23.10	23.06	23.07	24.00
		HIGH	QPSK	23.08	23.03	23.03	24.00
	25	LOW	QPSK	22.23	**22.29**	22.11	23.00
		MID	QPSK	22.22	22.24	22.15	23.00
		HIGH	QPSK	22.20	22.22	22.18	23.00
	50	LOW	QPSK	22.31	22.19	22.10	23.00
10	1	LOW	Q16	22.22	22.56	22.14	23.00
		MID	Q16	22.12	**22.58**	22.05	23.00
		HIGH	Q16	22.11	22.49	22.09	23.00
	25	LOW	Q16	21.28	21.27	21.22	22.00
		MID	Q16	21.33	21.34	21.25	22.00
		HIGH	Q16	21.28	21.30	21.24	22.00
	50	LOW	Q16	21.30	21.24	21.19	22.00
10	1	LOW	64QAM	21.10	21.61	21.09	22.00
		MID	64QAM	21.23	21.50	20.94	22.00
		HIGH	64QAM	21.05	21.38	21.15	22.00
	25	LOW	64QAM	20.21	20.13	20.30	21.00
		MID	64QAM	20.39	20.24	20.34	21.00
		HIGH	64QAM	20.24	20.37	20.35	21.00
	50	LOW	64QAM	20.25	20.37	20.31	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.04	22.90	24.00
		MID	QPSK	23.09	23.07	22.96	24.00
		HIGH	QPSK	23.05	23.03	22.80	24.00
	3	LOW	QPSK	23.15	23.03	22.93	24.00
		MID	QPSK	**23.16**	23.00	22.98	24.00
		HIGH	QPSK	23.09	23.04	22.91	24.00
	6	LOW	QPSK	22.17	22.15	21.92	23.00
1.4	1	LOW	Q16	22.34	22.47	21.98	23.00
		MID	Q16	22.34	22.49	22.09	23.00
		HIGH	Q16	22.31	22.43	21.98	23.00
	3	LOW	Q16	22.25	22.33	22.16	23.00
		MID	Q16	22.25	22.31	22.24	23.00
		HIGH	Q16	22.22	22.31	22.18	23.00
	6	LOW	Q16	21.46	21.06	21.19	22.00
1.4	1	LOW	64QAM	21.24	21.41	21.05	22.00
		MID	64QAM	21.34	21.59	21.23	22.00
		HIGH	64QAM	21.42	21.36	21.02	22.00
	3	LOW	64QAM	21.24	21.24	21.20	22.00
		MID	64QAM	21.13	21.23	21.32	22.00
		HIGH	64QAM	21.37	21.30	21.28	22.00
	6	LOW	64QAM	20.48	20.11	20.04	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.28**	23.08	23.10	24.00
		MID	QPSK	23.23	23.07	23.09	24.00
		HIGH	QPSK	23.13	23.03	22.93	24.00
	8	LOW	QPSK	22.33	22.14	22.08	23.00
		MID	QPSK	22.28	22.22	22.07	23.00
		HIGH	QPSK	22.23	22.11	21.98	23.00
	15	LOW	QPSK	22.28	22.17	22.08	23.00
3	1	LOW	Q16	22.29	22.62	22.17	23.00
		MID	Q16	22.26	22.62	22.15	23.00
		HIGH	Q16	22.14	22.53	22.03	23.00
	8	LOW	Q16	21.37	21.20	21.15	22.00
		MID	Q16	21.40	21.29	21.16	22.00
		HIGH	Q16	21.34	21.24	21.09	22.00
	15	LOW	Q16	21.32	21.28	21.10	22.00
3	1	LOW	64QAM	21.36	21.57	21.16	22.00
		MID	64QAM	21.22	21.60	21.17	22.00
		HIGH	64QAM	21.28	21.45	21.02	22.00
	8	LOW	64QAM	21.25	21.12	21.14	22.00
		MID	64QAM	21.36	21.28	21.04	22.00
		HIGH	64QAM	21.33	21.29	21.13	22.00
	15	LOW	64QAM	20.20	20.37	20.23	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	**23.26**	23.19	23.06	24.00
		MID	QPSK	23.22	23.15	23.04	24.00
		HIGH	QPSK	23.06	23.10	22.89	24.00
	12	LOW	QPSK	22.30	22.15	22.00	23.00
		MID	QPSK	22.29	22.20	22.04	23.00
		HIGH	QPSK	22.23	22.13	22.03	23.00
	25	LOW	QPSK	22.25	22.09	22.05	23.00
5	1	LOW	Q16	22.51	22.76	22.26	23.00
		MID	Q16	22.41	22.72	22.25	23.00
		HIGH	Q16	22.37	22.61	22.10	23.00
	12	LOW	Q16	21.41	21.35	21.15	22.00
		MID	Q16	21.33	21.39	21.16	22.00
		HIGH	Q16	21.29	21.32	21.16	22.00
	25	LOW	Q16	21.28	21.21	20.95	22.00
5	1	LOW	64QAM	21.49	21.74	21.39	22.00
		MID	64QAM	21.47	21.65	21.18	22.00
		HIGH	64QAM	21.40	21.57	21.11	22.00
	12	LOW	64QAM	20.39	20.23	20.14	21.00
		MID	64QAM	20.25	20.41	20.17	21.00
		HIGH	64QAM	20.35	20.17	20.18	21.00
	25	LOW	64QAM	20.26	20.36	19.93	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.17**	23.08	23.11	24.00
		MID	QPSK	23.10	23.06	23.07	24.00
		HIGH	QPSK	**23.08**	23.03	23.03	24.00
	25	LOW	QPSK	22.23	22.22	22.11	23.00
		MID	QPSK	**22.29**	22.24	22.15	23.00
		HIGH	QPSK	22.20	22.22	22.18	23.00
	50	LOW	QPSK	22.31	22.19	22.10	23.00
10	1	LOW	Q16	22.22	22.56	22.14	23.00
		MID	Q16	22.12	**22.58**	22.05	23.00
		HIGH	Q16	22.11	22.49	22.09	23.00
	25	LOW	Q16	21.28	21.27	21.22	22.00
		MID	Q16	21.33	21.34	21.25	22.00
		HIGH	Q16	21.28	21.30	21.24	22.00
	50	LOW	Q16	21.30	21.24	21.19	22.00
10	1	LOW	64QAM	21.10	21.61	21.09	22.00
		MID	64QAM	21.23	21.50	20.94	22.00
		HIGH	64QAM	21.05	21.38	21.15	22.00
	25	LOW	64QAM	20.21	20.13	20.30	21.00
		MID	64QAM	20.39	20.24	20.34	21.00
		HIGH	64QAM	20.24	20.37	20.35	21.00
	50	LOW	64QAM	20.25	20.37	20.31	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.61	21.66	21.54	22.50
		MID	QPSK	21.61	21.58	21.56	22.50
		HIGH	QPSK	21.68	21.46	21.31	22.50
	3	LOW	QPSK	21.56	21.42	21.40	22.50
		MID	QPSK	21.53	21.56	21.38	22.50
		HIGH	QPSK	21.50	21.45	21.41	22.50
	6	LOW	QPSK	21.73	21.79	21.49	22.50
1.4	1	LOW	Q16	21.83	**21.98**	21.46	22.50
		MID	Q16	21.97	21.85	21.45	22.50
		HIGH	Q16	21.92	21.97	21.36	22.50
	3	LOW	Q16	21.76	21.80	21.68	22.50
		MID	Q16	21.72	21.96	21.82	22.50
		HIGH	Q16	21.63	21.82	21.57	22.50
	6	LOW	Q16	21.31	21.10	21.04	22.00
1.4	1	LOW	64QAM	21.21	21.53	21.06	22.00
		MID	64QAM	21.43	21.72	21.17	22.00
		HIGH	64QAM	21.40	21.45	21.04	22.00
	3	LOW	64QAM	21.28	21.24	21.09	22.00
		MID	64QAM	21.05	21.09	21.41	22.00
		HIGH	64QAM	21.44	21.18	21.34	22.00
	6	LOW	64QAM	20.35	20.02	20.14	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	21.71	21.60	21.69	22.50
		MID	QPSK	21.85	21.71	21.52	22.50
		HIGH	QPSK	21.64	21.66	21.49	22.50
	8	LOW	QPSK	21.86	21.53	21.71	22.50
		MID	QPSK	21.86	21.82	21.57	22.50
		HIGH	QPSK	21.66	21.51	21.59	22.50
	15	LOW	QPSK	21.66	21.58	21.68	22.50
3	1	LOW	Q16	21.77	21.98	21.81	22.50
		MID	Q16	21.83	**22.22**	21.61	22.50
		HIGH	Q16	21.72	21.90	21.49	22.50
	8	LOW	Q16	21.32	21.21	21.06	22.00
		MID	Q16	21.26	21.21	21.01	22.00
		HIGH	Q16	21.37	21.18	21.09	22.00
	15	LOW	Q16	21.29	21.35	21.20	22.00
3	1	LOW	64QAM	21.41	21.45	21.08	22.00
		MID	64QAM	21.31	21.66	21.14	22.00
		HIGH	64QAM	21.22	21.46	21.01	22.00
	8	LOW	64QAM	21.18	21.03	21.10	22.00
		MID	64QAM	21.21	21.28	20.96	22.00
		HIGH	64QAM	21.20	21.34	21.18	22.00
	15	LOW	64QAM	20.19	20.44	20.38	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	21.83	21.61	21.55	22.50
		MID	QPSK	21.59	21.58	21.41	22.50
		HIGH	QPSK	21.63	21.70	21.34	22.50
	12	LOW	QPSK	21.85	21.68	21.42	22.50
		MID	QPSK	21.83	21.65	21.40	22.50
		HIGH	QPSK	21.86	21.57	21.50	22.50
	25	LOW	QPSK	21.71	21.57	21.70	22.50
5	1	LOW	Q16	22.12	**22.29**	21.88	22.50
		MID	Q16	21.78	22.11	21.67	22.50
		HIGH	Q16	21.81	22.07	21.69	22.50
	12	LOW	Q16	21.46	21.21	21.19	22.00
		MID	Q16	21.43	21.30	21.16	22.00
		HIGH	Q16	21.21	21.32	21.14	22.00
	25	LOW	Q16	21.16	21.22	21.04	22.00
5	1	LOW	64QAM	21.37	21.60	21.46	22.00
		MID	64QAM	21.37	21.57	21.25	22.00
		HIGH	64QAM	21.51	21.69	20.96	22.00
	12	LOW	64QAM	20.43	20.32	20.13	21.00
		MID	64QAM	20.39	20.28	20.31	21.00
		HIGH	64QAM	20.35	20.05	20.04	21.00
	25	LOW	64QAM	20.40	20.51	20.02	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	21.53	**21.78**	21.76	22.50
		MID	QPSK	21.69	21.50	21.72	22.50
		HIGH	QPSK	21.68	21.54	21.55	22.50
	25	LOW	QPSK	21.65	**21.83**	21.54	22.50
		MID	QPSK	21.58	21.70	21.70	22.50
		HIGH	QPSK	21.76	21.67	21.80	22.50
	50	LOW	QPSK	21.67	21.71	21.54	22.50
10	1	LOW	Q16	21.81	21.95	21.79	22.50
		MID	Q16	21.66	**22.13**	21.49	22.50
		HIGH	Q16	21.58	22.06	21.53	22.50
	25	LOW	Q16	21.22	21.19	21.30	22.00
		MID	Q16	21.35	21.38	21.10	22.00
		HIGH	Q16	21.32	21.37	21.31	22.00
	50	LOW	Q16	21.38	21.12	21.24	22.00
10	1	LOW	64QAM	21.08	21.73	21.04	22.00
		MID	64QAM	21.17	21.54	20.80	22.00
		HIGH	64QAM	21.10	21.26	21.10	22.00
	25	LOW	64QAM	20.07	20.03	20.15	21.00
		MID	64QAM	20.41	20.16	20.40	21.00
		HIGH	64QAM	20.14	20.24	20.35	21.00
	50	LOW	64QAM	20.21	20.27	20.38	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.62	22.54	22.38	23.50
		MID	QPSK	**22.64**	22.56	22.42	23.50
		HIGH	QPSK	22.53	22.46	22.35	23.50
	3	LOW	QPSK	**22.64**	22.55	22.41	23.50
		MID	QPSK	22.59	22.54	22.44	23.50
		HIGH	QPSK	22.59	22.49	22.40	23.50
	6	LOW	QPSK	22.12	22.17	21.91	23.00
1.4	1	LOW	Q16	22.31	22.41	21.97	23.00
		MID	Q16	22.36	22.49	22.08	23.00
		HIGH	Q16	22.28	22.41	21.96	23.00
	3	LOW	Q16	22.30	22.31	22.13	23.00
		MID	Q16	22.29	22.34	22.23	23.00
		HIGH	Q16	22.25	22.29	22.17	23.00
	6	LOW	Q16	21.42	21.08	21.19	22.00
1.4	1	LOW	64QAM	21.29	21.34	21.01	22.00
		MID	64QAM	21.25	21.50	21.04	22.00
		HIGH	64QAM	21.42	21.39	21.09	22.00
	3	LOW	64QAM	21.21	21.24	21.06	22.00
		MID	64QAM	21.39	21.25	21.08	22.00
		HIGH	64QAM	21.27	21.36	21.07	22.00
	6	LOW	64QAM	20.31	20.21	20.32	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**22.79**	22.59	22.61	23.50
		MID	QPSK	22.69	22.57	22.53	23.50
		HIGH	QPSK	22.66	22.48	22.47	23.50
	8	LOW	QPSK	22.30	22.12	22.06	23.00
		MID	QPSK	22.30	22.17	22.03	23.00
		HIGH	QPSK	22.24	22.16	21.98	23.00
	15	LOW	QPSK	22.30	22.15	22.06	23.00
3	1	LOW	Q16	22.26	22.29	22.19	23.00
		MID	Q16	22.26	22.24	22.17	23.00
		HIGH	Q16	22.12	22.48	22.05	23.00
	8	LOW	Q16	21.39	21.25	21.21	22.00
		MID	Q16	21.39	21.28	21.13	22.00
		HIGH	Q16	21.27	21.24	21.06	22.00
	15	LOW	Q16	21.31	21.27	21.07	22.00
3	1	LOW	64QAM	21.40	21.16	21.26	22.00
		MID	64QAM	21.21	21.14	21.14	22.00
		HIGH	64QAM	21.06	21.44	20.92	22.00
	8	LOW	64QAM	20.45	20.15	20.30	22.00
		MID	64QAM	20.43	20.28	20.09	22.00
		HIGH	64QAM	20.23	20.21	20.09	22.00
	15	LOW	64QAM	20.32	20.40	20.02	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.70	22.67	22.54	23.50
		MID	QPSK	**22.72**	22.63	22.62	23.50
		HIGH	QPSK	22.57	22.56	22.42	23.50
	12	LOW	QPSK	22.31	22.13	22.06	23.00
		MID	QPSK	22.31	22.19	22.04	23.00
		HIGH	QPSK	22.22	22.12	22.04	23.00
	25	LOW	QPSK	22.27	22.07	22.02	23.00
5	1	LOW	Q16	22.08	22.38	22.28	23.00
		MID	Q16	22.45	22.28	22.25	23.00
		HIGH	Q16	22.34	22.23	22.15	23.00
	12	LOW	Q16	21.41	21.35	21.14	22.00
		MID	Q16	21.36	21.34	21.13	22.00
		HIGH	Q16	21.33	21.32	21.14	22.00
	25	LOW	Q16	21.32	21.19	20.99	22.00
5	1	LOW	64QAM	21.03	21.33	21.19	22.00
		MID	64QAM	21.35	21.13	21.39	22.00
		HIGH	64QAM	21.34	21.37	21.23	22.00
	12	LOW	64QAM	20.45	20.50	20.28	22.00
		MID	64QAM	20.30	20.48	20.18	22.00
		HIGH	64QAM	20.20	20.41	20.02	22.00
	25	LOW	64QAM	20.36	20.22	19.96	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.59	**22.65**	22.56	23.50
		MID	QPSK	22.58	22.58	22.56	23.50
		HIGH	QPSK	22.56	22.51	22.50	23.50
	25	LOW	QPSK	22.23	**22.28**	22.10	23.00
		MID	QPSK	22.17	22.24	22.09	23.00
		HIGH	QPSK	22.25	22.23	22.13	23.00
	50	LOW	QPSK	22.27	22.17	22.12	23.00
10	1	LOW	Q16	22.18	22.15	22.18	23.00
		MID	Q16	22.10	**22.39**	22.10	23.00
		HIGH	Q16	22.10	22.20	22.06	23.00
	25	LOW	Q16	21.26	21.24	21.21	22.00
		MID	Q16	21.34	21.30	21.25	22.00
		HIGH	Q16	21.34	21.30	21.25	22.00
	50	LOW	Q16	21.31	21.25	21.16	22.00
10	1	LOW	64QAM	21.17	21.09	21.20	22.00
		MID	64QAM	21.12	21.50	21.07	22.00
		HIGH	64QAM	21.20	21.31	21.20	22.00
	25	LOW	64QAM	20.22	20.36	20.33	22.00
		MID	64QAM	20.36	20.35	20.18	22.00
		HIGH	64QAM	20.27	20.25	20.19	22.00
	50	LOW	64QAM	20.36	20.31	20.30	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.53	19.50	19.34	20.50
		MID	QPSK	19.59	19.50	19.38	20.50
		HIGH	QPSK	19.55	19.48	19.29	20.50
	3	LOW	QPSK	19.62	19.47	19.44	20.50
		MID	QPSK	19.58	19.48	19.38	20.50
		HIGH	QPSK	19.57	19.43	19.37	20.50
	6	LOW	QPSK	19.64	19.56	19.38	20.50
1.4	1	LOW	Q16	19.83	19.86	19.44	20.50
		MID	Q16	19.81	19.83	19.53	20.50
		HIGH	Q16	19.77	19.79	19.39	20.50
	3	LOW	Q16	19.73	19.78	19.58	20.50
		MID	Q16	19.75	19.78	19.63	20.50
		HIGH	Q16	19.70	19.70	19.53	20.50
	6	LOW	Q16	19.84	19.52	19.60	20.50
1.4	1	LOW	64QAM	19.59	19.93	19.62	20.50
		MID	64QAM	19.75	19.90	19.54	20.50
		HIGH	64QAM	19.57	19.93	19.24	20.50
	3	LOW	64QAM	19.80	19.83	19.71	20.50
		MID	64QAM	19.86	19.83	19.77	20.50
		HIGH	64QAM	19.68	19.86	19.77	20.50
	6	LOW	64QAM	19.90	19.63	19.66	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.72	19.45	19.52	20.50
		MID	QPSK	19.68	19.44	19.48	20.50
		HIGH	QPSK	19.61	19.34	19.36	20.50
	8	LOW	QPSK	19.76	19.50	19.46	20.50
		MID	QPSK	19.73	19.52	19.40	20.50
		HIGH	QPSK	19.72	19.51	19.42	20.50
	15	LOW	QPSK	19.76	19.58	19.47	20.50
3	1	LOW	Q16	19.70	19.92	19.60	20.50
		MID	Q16	19.74	19.82	19.54	20.50
		HIGH	Q16	19.58	19.88	19.45	20.50
	8	LOW	Q16	19.85	19.60	19.55	20.50
		MID	Q16	19.77	19.63	19.51	20.50
		HIGH	Q16	19.79	19.60	19.47	20.50
	15	LOW	Q16	19.73	19.61	19.49	20.50
3	1	LOW	64QAM	19.83	19.94	19.57	20.50
		MID	64QAM	19.70	19.92	19.35	20.50
		HIGH	64QAM	19.72	19.81	19.33	20.50
	8	LOW	64QAM	19.90	19.86	19.54	20.50
		MID	64QAM	19.73	19.64	19.73	20.50
		HIGH	64QAM	19.73	19.59	19.55	20.50
	15	LOW	64QAM	19.79	19.81	19.63	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.69	19.48	19.33	20.50
		MID	QPSK	19.64	19.45	19.34	20.50
		HIGH	QPSK	19.48	19.37	19.13	20.50
	12	LOW	QPSK	19.75	19.33	19.37	20.50
		MID	QPSK	19.72	19.40	19.33	20.50
		HIGH	QPSK	19.71	19.31	19.19	20.50
	25	LOW	QPSK	19.72	19.35	19.25	20.50
5	1	LOW	Q16	19.94	19.89	19.53	20.50
		MID	Q16	19.88	19.84	19.57	20.50
		HIGH	Q16	19.79	19.81	19.36	20.50
	12	LOW	Q16	19.82	19.66	19.45	20.50
		MID	Q16	19.75	19.67	19.35	20.50
		HIGH	Q16	19.71	19.64	19.36	20.50
	25	LOW	Q16	19.72	19.58	19.25	20.50
5	1	LOW	64QAM	19.78	19.92	19.56	20.50
		MID	64QAM	19.75	19.91	19.56	20.50
		HIGH	64QAM	19.50	19.82	19.36	20.50
	12	LOW	64QAM	19.72	19.60	19.76	20.50
		MID	64QAM	19.83	19.66	19.76	20.50
		HIGH	64QAM	19.86	19.74	19.68	20.50
	25	LOW	64QAM	19.80	19.80	19.74	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	19.53	19.68	19.56	20.50
		MID	QPSK	19.51	19.66	19.49	20.50
		HIGH	QPSK	19.48	19.61	19.47	20.50
	25	LOW	QPSK	19.65	19.73	19.62	20.50
		MID	QPSK	19.74	19.81	19.57	20.50
		HIGH	QPSK	19.68	19.78	19.62	20.50
	50	LOW	QPSK	19.66	19.84	19.57	20.50
10	1	LOW	Q16	19.71	19.97	19.51	20.50
		MID	Q16	19.69	19.95	19.49	20.50
		HIGH	Q16	19.57	19.97	19.37	20.50
	25	LOW	Q16	19.80	19.72	19.66	20.50
		MID	Q16	19.88	19.76	19.70	20.50
		HIGH	Q16	19.82	19.72	19.69	20.50
	50	LOW	Q16	19.85	19.67	19.62	20.50
10	1	LOW	64QAM	19.56	19.91	19.42	20.50
		MID	64QAM	19.67	19.89	19.64	20.50
		HIGH	64QAM	19.68	19.96	19.32	20.50
	25	LOW	64QAM	19.73	19.74	19.70	20.50
		MID	64QAM	19.75	19.73	19.68	20.50
		HIGH	64QAM	19.80	19.83	19.68	20.50
	50	LOW	64QAM	19.91	19.73	19.49	20.50

LTE B5-Full Power -Ant.1(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.04	22.90	24.00
		MID	QPSK	23.09	23.07	22.96	24.00
		HIGH	QPSK	23.05	23.03	22.80	24.00
	3	LOW	QPSK	23.15	23.03	22.93	24.00
		MID	QPSK	**23.16**	23.00	22.98	24.00
		HIGH	QPSK	23.09	23.04	22.91	24.00
	6	LOW	QPSK	22.17	22.15	21.92	23.00
1.4	1	LOW	Q16	22.34	22.47	21.98	23.00
		MID	Q16	22.34	22.49	22.09	23.00
		HIGH	Q16	22.31	22.43	21.98	23.00
	3	LOW	Q16	22.25	22.33	22.16	23.00
		MID	Q16	22.25	22.31	22.24	23.00
		HIGH	Q16	22.22	22.31	22.18	23.00
	6	LOW	Q16	21.46	21.06	21.19	22.00
1.4	1	LOW	64QAM	21.24	21.41	21.05	22.00
		MID	64QAM	21.34	21.59	21.23	22.00
		HIGH	64QAM	21.42	21.36	21.02	22.00
	3	LOW	64QAM	21.24	21.24	21.20	22.00
		MID	64QAM	21.13	21.23	21.32	22.00
		HIGH	64QAM	21.37	21.30	21.28	22.00
	6	LOW	64QAM	20.48	20.11	20.04	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.28**	23.08	23.10	24.00
		MID	QPSK	23.23	23.07	23.09	24.00
		HIGH	QPSK	23.13	23.03	22.93	24.00
	8	LOW	QPSK	22.33	22.14	22.08	23.00
		MID	QPSK	22.28	22.22	22.07	23.00
		HIGH	QPSK	22.23	22.11	21.98	23.00
	15	LOW	QPSK	22.28	22.17	22.08	23.00
3	1	LOW	Q16	22.29	22.62	22.17	23.00
		MID	Q16	22.26	22.62	22.15	23.00
		HIGH	Q16	22.14	22.53	22.03	23.00
	8	LOW	Q16	21.37	21.20	21.15	22.00
		MID	Q16	21.40	21.29	21.16	22.00
		HIGH	Q16	21.34	21.24	21.09	22.00
	15	LOW	Q16	21.32	21.28	21.10	22.00
3	1	LOW	64QAM	21.36	21.57	21.16	22.00
		MID	64QAM	21.22	21.60	21.17	22.00
		HIGH	64QAM	21.28	21.45	21.02	22.00
	8	LOW	64QAM	21.25	21.12	21.14	22.00
		MID	64QAM	21.36	21.28	21.04	22.00
		HIGH	64QAM	21.33	21.29	21.13	22.00
	15	LOW	64QAM	20.20	20.37	20.23	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	**23.26**	23.19	23.06	24.00
		MID	QPSK	23.22	23.15	23.04	24.00
		HIGH	QPSK	23.06	23.10	22.89	24.00
	12	LOW	QPSK	22.30	22.15	22.00	23.00
		MID	QPSK	22.29	22.20	22.04	23.00
		HIGH	QPSK	22.23	22.13	22.03	23.00
	25	LOW	QPSK	22.25	22.09	22.05	23.00
5	1	LOW	Q16	22.51	22.76	22.26	23.00
		MID	Q16	22.41	22.72	22.25	23.00
		HIGH	Q16	22.37	22.61	22.10	23.00
	12	LOW	Q16	21.41	21.35	21.15	22.00
		MID	Q16	21.33	21.39	21.16	22.00
		HIGH	Q16	21.29	21.32	21.16	22.00
	25	LOW	Q16	21.28	21.21	20.95	22.00
5	1	LOW	64QAM	21.49	21.74	21.39	22.00
		MID	64QAM	21.47	21.65	21.18	22.00
		HIGH	64QAM	21.40	21.57	21.11	22.00
	12	LOW	64QAM	20.39	20.23	20.14	21.00
		MID	64QAM	20.25	20.41	20.17	21.00
		HIGH	64QAM	20.35	20.17	20.18	21.00
	25	LOW	64QAM	20.26	20.36	19.93	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.08	**23.17**	23.11	24.00
		MID	QPSK	23.10	23.06	23.07	24.00
		HIGH	QPSK	23.08	23.03	23.03	24.00
	25	LOW	QPSK	22.23	**22.29**	22.11	23.00
		MID	QPSK	22.22	22.24	22.15	23.00
		HIGH	QPSK	22.20	22.22	22.18	23.00
	50	LOW	QPSK	22.31	22.19	22.10	23.00
10	1	LOW	Q16	22.22	22.56	22.14	23.00
		MID	Q16	22.12	**22.58**	22.05	23.00
		HIGH	Q16	22.11	22.49	22.09	23.00
	25	LOW	Q16	21.28	21.27	21.22	22.00
		MID	Q16	21.33	21.34	21.25	22.00
		HIGH	Q16	21.28	21.30	21.24	22.00
	50	LOW	Q16	21.30	21.24	21.19	22.00
10	1	LOW	64QAM	21.10	21.61	21.09	22.00
		MID	64QAM	21.23	21.50	20.94	22.00
		HIGH	64QAM	21.05	21.38	21.15	22.00
	25	LOW	64QAM	20.21	20.13	20.30	21.00
		MID	64QAM	20.39	20.24	20.34	21.00
		HIGH	64QAM	20.24	20.37	20.35	21.00
	50	LOW	64QAM	20.25	20.37	20.31	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.12	23.04	22.90	24.00
		MID	QPSK	23.09	23.07	22.96	24.00
		HIGH	QPSK	23.05	23.03	22.80	24.00
	3	LOW	QPSK	23.15	23.03	22.93	24.00
		MID	QPSK	**23.16**	23.00	22.98	24.00
		HIGH	QPSK	23.09	23.04	22.91	24.00
	6	LOW	QPSK	22.17	22.15	21.92	23.00
1.4	1	LOW	Q16	22.34	22.47	21.98	23.00
		MID	Q16	22.34	22.49	22.09	23.00
		HIGH	Q16	22.31	22.43	21.98	23.00
	3	LOW	Q16	22.25	22.33	22.16	23.00
		MID	Q16	22.25	22.31	22.24	23.00
		HIGH	Q16	22.22	22.31	22.18	23.00
	6	LOW	Q16	21.46	21.06	21.19	22.00
1.4	1	LOW	64QAM	21.24	21.41	21.05	22.00
		MID	64QAM	21.34	21.59	21.23	22.00
		HIGH	64QAM	21.42	21.36	21.02	22.00
	3	LOW	64QAM	21.24	21.24	21.20	22.00
		MID	64QAM	21.13	21.23	21.32	22.00
		HIGH	64QAM	21.37	21.30	21.28	22.00
	6	LOW	64QAM	20.48	20.11	20.04	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.28**	23.08	23.10	24.00
		MID	QPSK	23.23	23.07	23.09	24.00
		HIGH	QPSK	23.13	23.03	22.93	24.00
	8	LOW	QPSK	22.33	22.14	22.08	23.00
		MID	QPSK	22.28	22.22	22.07	23.00
		HIGH	QPSK	22.23	22.11	21.98	23.00
	15	LOW	QPSK	22.28	22.17	22.08	23.00
3	1	LOW	Q16	22.29	22.62	22.17	23.00
		MID	Q16	22.26	22.62	22.15	23.00
		HIGH	Q16	22.14	22.53	22.03	23.00
	8	LOW	Q16	21.37	21.20	21.15	22.00
		MID	Q16	21.40	21.29	21.16	22.00
		HIGH	Q16	21.34	21.24	21.09	22.00
	15	LOW	Q16	21.32	21.28	21.10	22.00
3	1	LOW	64QAM	21.36	21.57	21.16	22.00
		MID	64QAM	21.22	21.60	21.17	22.00
		HIGH	64QAM	21.28	21.45	21.02	22.00
	8	LOW	64QAM	21.25	21.12	21.14	22.00
		MID	64QAM	21.36	21.28	21.04	22.00
		HIGH	64QAM	21.33	21.29	21.13	22.00
	15	LOW	64QAM	20.20	20.37	20.23	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	**23.26**	23.19	23.06	24.00
		MID	QPSK	23.22	23.15	23.04	24.00
		HIGH	QPSK	23.06	23.10	22.89	24.00
	12	LOW	QPSK	22.30	22.15	22.00	23.00
		MID	QPSK	22.29	22.20	22.04	23.00
		HIGH	QPSK	22.23	22.13	22.03	23.00
	25	LOW	QPSK	22.25	22.09	22.05	23.00
5	1	LOW	Q16	22.51	22.76	22.26	23.00
		MID	Q16	22.41	22.72	22.25	23.00
		HIGH	Q16	22.37	22.61	22.10	23.00
	12	LOW	Q16	21.41	21.35	21.15	22.00
		MID	Q16	21.33	21.39	21.16	22.00
		HIGH	Q16	21.29	21.32	21.16	22.00
	25	LOW	Q16	21.28	21.21	20.95	22.00
5	1	LOW	64QAM	21.49	21.74	21.39	22.00
		MID	64QAM	21.47	21.65	21.18	22.00
		HIGH	64QAM	21.40	21.57	21.11	22.00
	12	LOW	64QAM	20.39	20.23	20.14	21.00
		MID	64QAM	20.25	20.41	20.17	21.00
		HIGH	64QAM	20.35	20.17	20.18	21.00
	25	LOW	64QAM	20.26	20.36	19.93	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.17**	23.08	23.11	24.00
		MID	QPSK	23.10	23.06	23.07	24.00
		HIGH	QPSK	23.08	23.03	23.03	24.00
	25	LOW	QPSK	22.23	22.22	22.11	23.00
		MID	QPSK	**22.29**	22.24	22.15	23.00
		HIGH	QPSK	22.20	22.22	22.18	23.00
	50	LOW	QPSK	22.31	22.19	22.10	23.00
10	1	LOW	Q16	22.22	22.56	22.14	23.00
		MID	Q16	22.12	**22.58**	22.05	23.00
		HIGH	Q16	22.11	22.49	22.09	23.00
	25	LOW	Q16	21.28	21.27	21.22	22.00
		MID	Q16	21.33	21.34	21.25	22.00
		HIGH	Q16	21.28	21.30	21.24	22.00
	50	LOW	Q16	21.30	21.24	21.19	22.00
10	1	LOW	64QAM	21.10	21.61	21.09	22.00
		MID	64QAM	21.23	21.50	20.94	22.00
		HIGH	64QAM	21.05	21.38	21.15	22.00
	25	LOW	64QAM	20.21	20.13	20.30	21.00
		MID	64QAM	20.39	20.24	20.34	21.00
		HIGH	64QAM	20.24	20.37	20.35	21.00
	50	LOW	64QAM	20.25	20.37	20.31	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.53	19.50	19.34	20.50
		MID	QPSK	19.59	19.50	19.38	20.50
		HIGH	QPSK	19.55	19.48	19.29	20.50
	3	LOW	QPSK	19.62	19.47	19.44	20.50
		MID	QPSK	19.58	19.48	19.38	20.50
		HIGH	QPSK	19.57	19.43	19.37	20.50
	6	LOW	QPSK	19.64	19.56	19.38	20.50
1.4	1	LOW	Q16	19.83	19.86	19.44	20.50
		MID	Q16	19.81	19.83	19.53	20.50
		HIGH	Q16	19.77	19.79	19.39	20.50
	3	LOW	Q16	19.73	19.78	19.58	20.50
		MID	Q16	19.75	19.78	19.63	20.50
		HIGH	Q16	19.70	19.70	19.53	20.50
	6	LOW	Q16	19.84	19.52	19.60	20.50
1.4	1	LOW	64QAM	19.59	19.93	19.62	20.50
		MID	64QAM	19.75	19.90	19.54	20.50
		HIGH	64QAM	19.57	19.93	19.24	20.50
	3	LOW	64QAM	19.80	19.83	19.71	20.50
		MID	64QAM	19.86	19.83	19.77	20.50
		HIGH	64QAM	19.68	19.86	19.77	20.50
	6	LOW	64QAM	19.90	19.63	19.66	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.72	19.45	19.52	20.50
		MID	QPSK	19.68	19.44	19.48	20.50
		HIGH	QPSK	19.61	19.34	19.36	20.50
	8	LOW	QPSK	19.76	19.50	19.46	20.50
		MID	QPSK	19.73	19.52	19.40	20.50
		HIGH	QPSK	19.72	19.51	19.42	20.50
	15	LOW	QPSK	19.76	19.58	19.47	20.50
3	1	LOW	Q16	19.70	19.92	19.60	20.50
		MID	Q16	19.74	19.82	19.54	20.50
		HIGH	Q16	19.58	19.88	19.45	20.50
	8	LOW	Q16	19.85	19.60	19.55	20.50
		MID	Q16	19.77	19.63	19.51	20.50
		HIGH	Q16	19.79	19.60	19.47	20.50
	15	LOW	Q16	19.73	19.61	19.49	20.50
3	1	LOW	64QAM	19.83	19.94	19.57	20.50
		MID	64QAM	19.70	19.92	19.35	20.50
		HIGH	64QAM	19.72	19.81	19.33	20.50
	8	LOW	64QAM	19.90	19.86	19.54	20.50
		MID	64QAM	19.73	19.64	19.73	20.50
		HIGH	64QAM	19.73	19.59	19.55	20.50
	15	LOW	64QAM	19.79	19.81	19.63	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.69	19.48	19.33	20.50
		MID	QPSK	19.64	19.45	19.34	20.50
		HIGH	QPSK	19.48	19.37	19.13	20.50
	12	LOW	QPSK	19.75	19.33	19.37	20.50
		MID	QPSK	19.72	19.40	19.33	20.50
		HIGH	QPSK	19.71	19.31	19.19	20.50
	25	LOW	QPSK	19.72	19.35	19.25	20.50
5	1	LOW	Q16	19.94	19.89	19.53	20.50
		MID	Q16	19.88	19.84	19.57	20.50
		HIGH	Q16	19.79	19.81	19.36	20.50
	12	LOW	Q16	19.82	19.66	19.45	20.50
		MID	Q16	19.75	19.67	19.35	20.50
		HIGH	Q16	19.71	19.64	19.36	20.50
	25	LOW	Q16	19.72	19.58	19.25	20.50
5	1	LOW	64QAM	19.78	19.92	19.56	20.50
		MID	64QAM	19.75	19.91	19.56	20.50
		HIGH	64QAM	19.50	19.82	19.36	20.50
	12	LOW	64QAM	19.72	19.60	19.76	20.50
		MID	64QAM	19.83	19.66	19.76	20.50
		HIGH	64QAM	19.86	19.74	19.68	20.50
	25	LOW	64QAM	19.80	19.80	19.74	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	19.53	**19.68**	19.56	20.50
		MID	QPSK	19.51	19.66	19.49	20.50
		HIGH	QPSK	19.48	19.61	19.47	20.50
	25	LOW	QPSK	19.65	19.73	19.62	20.50
		MID	QPSK	19.74	**19.81**	19.57	20.50
		HIGH	QPSK	19.68	19.78	19.62	20.50
	50	LOW	QPSK	19.66	19.84	19.57	20.50
10	1	LOW	Q16	19.71	19.97	19.51	20.50
		MID	Q16	19.69	19.95	19.49	20.50
		HIGH	Q16	19.57	19.97	19.37	20.50
	25	LOW	Q16	19.80	19.72	19.66	20.50
		MID	Q16	19.88	19.76	19.70	20.50
		HIGH	Q16	19.82	19.72	19.69	20.50
	50	LOW	Q16	19.85	19.67	19.62	20.50
10	1	LOW	64QAM	19.56	19.91	19.42	20.50
		MID	64QAM	19.67	19.89	19.64	20.50
		HIGH	64QAM	19.68	19.96	19.32	20.50
	25	LOW	64QAM	19.73	19.74	19.70	20.50
		MID	64QAM	19.75	19.73	19.68	20.50
		HIGH	64QAM	19.80	19.83	19.68	20.50
	50	LOW	64QAM	19.91	19.73	19.49	20.50

LTE B5-State 19 -Ant.1(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.62	22.54	22.38	23.50
		MID	QPSK	**22.64**	22.56	22.42	23.50
		HIGH	QPSK	22.53	22.46	22.35	23.50
	3	LOW	QPSK	**22.64**	22.55	22.41	23.50
		MID	QPSK	22.59	22.54	22.44	23.50
		HIGH	QPSK	22.59	22.49	22.40	23.50
	6	LOW	QPSK	22.12	22.17	21.91	23.00
1.4	1	LOW	Q16	22.31	22.41	21.97	23.00
		MID	Q16	22.36	22.49	22.08	23.00
		HIGH	Q16	22.28	22.41	21.96	23.00
	3	LOW	Q16	22.30	22.31	22.13	23.00
		MID	Q16	22.29	22.34	22.23	23.00
		HIGH	Q16	22.25	22.29	22.17	23.00
	6	LOW	Q16	21.42	21.08	21.19	22.00
1.4	1	LOW	64QAM	21.29	21.34	21.01	22.00
		MID	64QAM	21.25	21.50	21.04	22.00
		HIGH	64QAM	21.42	21.39	21.09	22.00
	3	LOW	64QAM	21.21	21.24	21.06	22.00
		MID	64QAM	21.39	21.25	21.08	22.00
		HIGH	64QAM	21.27	21.36	21.07	22.00
	6	LOW	64QAM	20.31	20.21	20.32	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**22.79**	22.59	22.61	23.50
		MID	QPSK	22.69	22.57	22.53	23.50
		HIGH	QPSK	22.66	22.48	22.47	23.50
	8	LOW	QPSK	22.30	22.12	22.06	23.00
		MID	QPSK	22.30	22.17	22.03	23.00
		HIGH	QPSK	22.24	22.16	21.98	23.00
	15	LOW	QPSK	22.30	22.15	22.06	23.00
3	1	LOW	Q16	22.26	22.29	22.19	23.00
		MID	Q16	22.26	22.24	22.17	23.00
		HIGH	Q16	22.12	22.48	22.05	23.00
	8	LOW	Q16	21.39	21.25	21.21	22.00
		MID	Q16	21.39	21.28	21.13	22.00
		HIGH	Q16	21.27	21.24	21.06	22.00
	15	LOW	Q16	21.31	21.27	21.07	22.00
3	1	LOW	64QAM	21.40	21.16	21.26	22.00
		MID	64QAM	21.21	21.14	21.14	22.00
		HIGH	64QAM	21.06	21.44	20.92	22.00
	8	LOW	64QAM	20.45	20.15	20.30	22.00
		MID	64QAM	20.43	20.28	20.09	22.00
		HIGH	64QAM	20.23	20.21	20.09	22.00
	15	LOW	64QAM	20.32	20.40	20.02	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.70	22.67	22.54	23.50
		MID	QPSK	**22.72**	22.63	22.62	23.50
		HIGH	QPSK	22.57	22.56	22.42	23.50
	12	LOW	QPSK	22.31	22.13	22.06	23.00
		MID	QPSK	22.31	22.19	22.04	23.00
		HIGH	QPSK	22.22	22.12	22.04	23.00
	25	LOW	QPSK	22.27	22.07	22.02	23.00
5	1	LOW	Q16	22.08	22.38	22.28	23.00
		MID	Q16	22.45	22.28	22.25	23.00
		HIGH	Q16	22.34	22.23	22.15	23.00
	12	LOW	Q16	21.41	21.35	21.14	22.00
		MID	Q16	21.36	21.34	21.13	22.00
		HIGH	Q16	21.33	21.32	21.14	22.00
	25	LOW	Q16	21.32	21.19	20.99	22.00
5	1	LOW	64QAM	21.03	21.33	21.19	22.00
		MID	64QAM	21.35	21.13	21.39	22.00
		HIGH	64QAM	21.34	21.37	21.23	22.00
	12	LOW	64QAM	20.45	20.50	20.28	22.00
		MID	64QAM	20.30	20.48	20.18	22.00
		HIGH	64QAM	20.20	20.41	20.02	22.00
	25	LOW	64QAM	20.36	20.22	19.96	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.59	**22.65**	22.56	23.50
		MID	QPSK	22.58	22.58	22.56	23.50
		HIGH	QPSK	22.56	22.51	22.50	23.50
	25	LOW	QPSK	22.23	**22.28**	22.10	23.00
		MID	QPSK	22.17	22.24	22.09	23.00
		HIGH	QPSK	22.25	22.23	22.13	23.00
	50	LOW	QPSK	22.27	22.17	22.12	23.00
10	1	LOW	Q16	22.18	22.15	22.18	23.00
		MID	Q16	22.10	**22.39**	22.10	23.00
		HIGH	Q16	22.10	22.20	22.06	23.00
	25	LOW	Q16	21.26	21.24	21.21	22.00
		MID	Q16	21.34	21.30	21.25	22.00
		HIGH	Q16	21.34	21.30	21.25	22.00
	50	LOW	Q16	21.31	21.25	21.16	22.00
10	1	LOW	64QAM	21.17	21.09	21.20	22.00
		MID	64QAM	21.12	21.50	21.07	22.00
		HIGH	64QAM	21.20	21.31	21.20	22.00
	25	LOW	64QAM	20.22	20.36	20.33	22.00
		MID	64QAM	20.36	20.35	20.18	22.00
		HIGH	64QAM	20.27	20.25	20.19	22.00
	50	LOW	64QAM	20.36	20.31	20.30	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.86	16.96	16.86	18.00
		MID	QPSK	16.94	16.97	16.76	18.00
		HIGH	QPSK	16.91	16.94	16.72	18.00
	3	LOW	QPSK	16.98	16.83	16.82	18.00
		MID	QPSK	16.95	16.91	16.70	18.00
		HIGH	QPSK	17.00	16.80	16.73	18.00
	6	LOW	QPSK	17.08	17.04	16.84	18.00
1.4	1	LOW	Q16	17.15	17.37	16.87	18.00
		MID	Q16	17.31	17.26	16.87	18.00
		HIGH	Q16	17.25	17.20	16.85	18.00
	3	LOW	Q16	17.08	17.29	16.90	18.00
		MID	Q16	17.13	17.21	17.06	18.00
		HIGH	Q16	17.20	17.06	16.85	18.00
	6	LOW	Q16	17.18	16.95	16.99	18.00
1.4	1	LOW	64QAM	16.91	17.30	16.97	18.00
		MID	64QAM	17.07	17.22	17.00	18.00
		HIGH	64QAM	17.01	17.45	16.57	18.00
	3	LOW	64QAM	17.13	17.17	17.12	18.00
		MID	64QAM	17.30	17.35	17.15	18.00
		HIGH	64QAM	17.10	17.19	17.23	18.00
	6	LOW	64QAM	17.29	17.08	17.17	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	17.11	16.91	16.95	18.00
		MID	QPSK	17.18	16.80	16.85	18.00
		HIGH	QPSK	17.13	16.76	16.70	18.00
	8	LOW	QPSK	17.22	16.89	16.81	18.00
		MID	QPSK	17.13	16.84	16.78	18.00
		HIGH	QPSK	17.18	16.84	16.77	18.00
	15	LOW	QPSK	17.10	16.90	16.89	18.00
3	1	LOW	Q16	17.14	17.33	17.01	18.00
		MID	Q16	17.06	17.18	16.91	18.00
		HIGH	Q16	16.90	17.34	16.85	18.00
	8	LOW	Q16	17.37	16.94	16.92	18.00
		MID	Q16	17.11	17.03	17.03	18.00
		HIGH	Q16	17.31	17.08	16.96	18.00
	15	LOW	Q16	17.23	17.01	16.85	18.00
3	1	LOW	64QAM	17.15	17.44	16.89	18.00
		MID	64QAM	17.13	17.36	16.77	18.00
		HIGH	64QAM	17.19	17.22	16.68	18.00
	8	LOW	64QAM	17.34	17.35	17.02	18.00
		MID	64QAM	17.19	17.00	17.16	18.00
		HIGH	64QAM	17.11	17.03	17.05	18.00
	15	LOW	64QAM	17.15	17.18	17.02	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	17.16	16.89	16.70	18.00
		MID	QPSK	17.01	16.88	16.77	18.00
		HIGH	QPSK	16.94	16.76	16.46	18.00
	12	LOW	QPSK	17.18	16.77	16.87	18.00
		MID	QPSK	17.13	16.83	16.65	18.00
		HIGH	QPSK	17.07	16.70	16.62	18.00
	25	LOW	QPSK	17.18	16.68	16.63	18.00
5	1	LOW	Q16	17.39	17.39	16.87	18.00
		MID	Q16	17.32	17.25	17.07	18.00
		HIGH	Q16	17.20	17.16	16.84	18.00
	12	LOW	Q16	17.14	17.09	16.86	18.00
		MID	Q16	17.23	16.99	16.85	18.00
		HIGH	Q16	17.22	17.05	16.75	18.00
	25	LOW	Q16	17.20	16.96	16.63	18.00
5	1	LOW	64QAM	17.13	17.36	16.89	18.00
		MID	64QAM	17.26	17.29	17.06	18.00
		HIGH	64QAM	16.87	17.33	16.84	18.00
	12	LOW	64QAM	17.07	17.00	17.25	18.00
		MID	64QAM	17.32	17.11	17.23	18.00
		HIGH	64QAM	17.22	17.21	17.06	18.00
	25	LOW	64QAM	17.31	17.13	17.18	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	16.92	**17.12**	16.89	18.00
		MID	QPSK	16.98	17.00	16.98	18.00
		HIGH	QPSK	16.91	16.97	16.90	18.00
	25	LOW	QPSK	16.98	17.09	17.03	18.00
		MID	QPSK	17.08	**17.22**	16.91	18.00
		HIGH	QPSK	17.18	17.19	16.94	18.00
	50	LOW	QPSK	17.09	17.16	17.06	18.00
10	1	LOW	Q16	17.16	17.45	16.95	18.00
		MID	Q16	17.05	17.44	16.94	18.00
		HIGH	Q16	16.93	17.37	16.77	18.00
	25	LOW	Q16	17.13	17.12	17.16	18.00
		MID	Q16	17.30	17.25	17.02	18.00
		HIGH	Q16	17.16	17.16	17.05	18.00
	50	LOW	Q16	17.34	17.15	17.04	18.00
10	1	LOW	64QAM	17.00	17.35	16.80	18.00
		MID	64QAM	17.05	17.35	17.08	18.00
		HIGH	64QAM	17.07	17.43	16.74	18.00
	25	LOW	64QAM	17.13	17.08	17.19	18.00
		MID	64QAM	17.08	17.07	17.18	18.00
		HIGH	64QAM	17.15	17.30	17.05	18.00
	50	LOW	64QAM	17.27	17.22	16.82	18.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	23.47	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.59	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	23.59	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

LTE B5-Full Power -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	**23.47**	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	**23.59**	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	**23.59**	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.45	23.40	23.29	24.50
		MID	QPSK	23.46	23.40	23.29	24.50
		HIGH	QPSK	23.41	23.31	23.19	24.50
	3	LOW	QPSK	23.47	23.39	23.27	24.50
		MID	QPSK	23.46	23.39	23.26	24.50
		HIGH	QPSK	23.43	23.38	23.30	24.50
	6	LOW	QPSK	22.51	22.51	22.28	23.50
1.4	1	LOW	Q16	22.66	22.89	22.34	23.50
		MID	Q16	22.67	22.86	22.46	23.50
		HIGH	Q16	22.65	22.82	22.31	23.50
	3	LOW	Q16	22.61	22.68	22.48	23.50
		MID	Q16	22.59	22.71	22.61	23.50
		HIGH	Q16	22.55	22.69	22.52	23.50
	6	LOW	Q16	21.77	21.40	21.52	22.50
1.4	1	LOW	64QAM	21.77	21.96	21.46	22.50
		MID	64QAM	21.77	21.93	21.31	22.50
		HIGH	64QAM	21.73	21.88	21.46	22.50
	3	LOW	64QAM	21.73	21.59	21.48	22.50
		MID	64QAM	21.62	21.72	21.63	22.50
		HIGH	64QAM	21.66	21.76	21.62	22.50
	6	LOW	64QAM	20.90	20.31	20.60	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.59	23.44	23.47	24.50
		MID	QPSK	23.55	23.43	23.43	24.50
		HIGH	QPSK	23.49	23.33	23.30	24.50
	8	LOW	QPSK	22.61	22.51	22.48	23.50
		MID	QPSK	22.62	22.54	22.43	23.50
		HIGH	QPSK	22.54	22.53	22.34	23.50
	15	LOW	QPSK	22.61	22.54	22.43	23.50
3	1	LOW	Q16	22.58	22.95	22.59	23.50
		MID	Q16	22.58	22.99	22.51	23.50
		HIGH	Q16	22.45	22.89	22.41	23.50
	8	LOW	Q16	21.69	21.58	21.54	22.50
		MID	Q16	21.71	21.64	21.53	22.50
		HIGH	Q16	21.69	21.58	21.43	22.50
	15	LOW	Q16	21.66	21.59	21.46	22.50
3	1	LOW	64QAM	21.60	21.93	21.56	22.50
		MID	64QAM	21.51	22.12	21.54	22.50
		HIGH	64QAM	21.60	21.88	21.35	22.50
	8	LOW	64QAM	21.73	21.69	21.57	22.50
		MID	64QAM	21.70	21.50	21.55	22.50
		HIGH	64QAM	21.79	21.54	21.45	22.50
	15	LOW	64QAM	20.67	20.66	20.38	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.56	23.59	23.41	24.50
		MID	QPSK	23.57	23.48	23.37	24.50
		HIGH	QPSK	23.44	23.43	23.29	24.50
	12	LOW	QPSK	22.62	22.49	22.41	23.50
		MID	QPSK	22.61	22.53	22.33	23.50
		HIGH	QPSK	22.54	22.45	22.32	23.50
	25	LOW	QPSK	22.58	22.43	22.35	23.50
5	1	LOW	Q16	22.82	23.04	22.59	23.50
		MID	Q16	22.76	23.06	22.56	23.50
		HIGH	Q16	22.67	22.97	22.47	23.50
	12	LOW	Q16	21.73	21.71	21.49	22.50
		MID	Q16	21.68	21.70	21.48	22.50
		HIGH	Q16	21.63	21.67	21.51	22.50
	25	LOW	Q16	21.63	21.55	21.33	22.50
5	1	LOW	64QAM	21.84	22.02	21.53	22.50
		MID	64QAM	21.66	22.16	21.68	22.50
		HIGH	64QAM	21.65	21.93	21.56	22.50
	12	LOW	64QAM	20.67	20.84	20.49	21.50
		MID	64QAM	20.57	20.83	20.46	21.50
		HIGH	64QAM	20.63	20.63	20.50	21.50
	25	LOW	64QAM	20.52	20.63	20.45	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.39	**23.49**	23.44	24.50
		MID	QPSK	23.46	23.39	23.42	24.50
		HIGH	QPSK	23.43	23.36	23.34	24.50
	25	LOW	QPSK	22.51	**22.63**	22.50	23.50
		MID	QPSK	22.47	22.61	22.44	23.50
		HIGH	QPSK	22.58	22.52	22.49	23.50
	50	LOW	QPSK	22.61	22.51	22.43	23.50
10	1	LOW	Q16	22.54	**22.95**	22.45	23.50
		MID	Q16	22.47	22.86	22.35	23.50
		HIGH	Q16	22.45	22.85	22.44	23.50
	25	LOW	Q16	21.58	21.60	21.60	22.50
		MID	Q16	21.66	21.66	21.58	22.50
		HIGH	Q16	21.65	21.63	21.60	22.50
	50	LOW	Q16	21.64	21.57	21.56	22.50
10	1	LOW	64QAM	21.58	21.85	21.41	22.50
		MID	64QAM	21.43	21.86	21.48	22.50
		HIGH	64QAM	21.43	21.78	21.54	22.50
	25	LOW	64QAM	20.72	20.59	20.66	21.50
		MID	64QAM	20.62	20.59	20.65	21.50
		HIGH	64QAM	20.65	20.56	20.67	21.50
	50	LOW	64QAM	20.60	20.48	20.48	21.50

8.3.4 LTE Band7 Output Power

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**22.00**	21.85	21.89	23.00
		MID	QPSK	21.95	21.90	21.94	23.00
		HIGH	QPSK	21.84	21.97	21.90	23.00
	12	LOW	QPSK	21.04	20.97	21.04	22.00
		MID	QPSK	21.05	20.97	21.02	22.00
		HIGH	QPSK	21.02	21.04	21.02	22.00
	25	LOW	QPSK	21.04	20.95	21.04	22.00
5	1	LOW	Q16	21.20	21.37	21.07	22.00
		MID	Q16	21.21	21.48	21.21	22.00
		HIGH	Q16	21.15	21.45	21.05	22.00
	12	LOW	Q16	20.14	20.17	20.13	21.00
		MID	Q16	20.15	20.15	20.12	21.00
		HIGH	Q16	20.14	20.21	20.13	21.00
	25	LOW	Q16	20.07	20.05	20.01	21.00
5	1	LOW	64QAM	20.26	20.40	19.94	21.00
		MID	64QAM	20.07	20.49	20.10	21.00
		HIGH	64QAM	20.01	20.34	20.01	21.00
	12	LOW	64QAM	19.28	19.28	19.00	20.00
		MID	64QAM	19.22	19.18	18.97	20.00
		HIGH	64QAM	19.22	19.07	19.27	20.00
	25	LOW	64QAM	19.17	19.20	19.10	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**21.97**	21.82	21.94	23.00
		MID	QPSK	21.83	21.85	21.94	23.00
		HIGH	QPSK	21.88	21.85	21.89	23.00
	25	LOW	QPSK	21.10	21.05	21.00	22.00
		MID	QPSK	21.08	21.05	21.06	22.00
		HIGH	QPSK	21.09	21.08	21.10	22.00
	50	LOW	QPSK	21.08	21.02	21.01	22.00
10	1	LOW	Q16	20.95	21.31	21.09	22.00
		MID	Q16	20.89	21.36	20.99	22.00
		HIGH	Q16	20.89	21.34	20.87	22.00
	25	LOW	Q16	20.13	20.12	20.09	21.00
		MID	Q16	20.10	20.10	20.17	21.00
		HIGH	Q16	20.08	20.15	20.21	21.00
	50	LOW	Q16	20.05	20.07	20.10	21.00
10	1	LOW	64QAM	19.83	20.28	20.01	21.00
		MID	64QAM	19.90	20.42	19.85	21.00
		HIGH	64QAM	20.03	20.29	19.78	21.00
	25	LOW	64QAM	19.22	19.17	18.98	20.00
		MID	64QAM	19.15	19.20	19.10	20.00
		HIGH	64QAM	19.11	19.05	19.11	20.00
	50	LOW	64QAM	18.91	19.13	19.20	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**22.01**	21.93	21.99	23.00
		MID	QPSK	21.96	21.91	21.97	23.00
		HIGH	QPSK	21.98	21.82	21.92	23.00
	36	LOW	QPSK	21.00	21.00	21.01	22.00
		MID	QPSK	21.08	21.02	21.10	22.00
		HIGH	QPSK	21.05	21.05	21.08	22.00
	75	LOW	QPSK	21.03	20.95	21.06	22.00
15	1	LOW	Q16	20.99	21.41	21.48	22.00
		MID	Q16	20.96	21.41	21.63	22.00
		HIGH	Q16	20.87	21.33	21.39	22.00
	36	LOW	Q16	19.97	20.05	20.02	21.00
		MID	Q16	20.11	20.08	20.09	21.00
		HIGH	Q16	20.03	20.10	20.06	21.00
	75	LOW	Q16	20.08	20.00	20.06	21.00
15	1	LOW	64QAM	19.95	20.43	20.42	21.00
		MID	64QAM	19.94	20.41	20.54	21.00
		HIGH	64QAM	20.00	20.39	20.46	21.00
	36	LOW	64QAM	18.89	19.11	18.88	20.00
		MID	64QAM	19.04	19.18	19.17	20.00
		HIGH	64QAM	19.07	19.17	19.15	20.00
	75	LOW	64QAM	18.94	19.10	19.15	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**22.04**	21.96	21.91	23.00
		MID	QPSK	21.94	22.00	21.93	23.00
		HIGH	QPSK	21.91	21.89	21.90	23.00
	50	LOW	QPSK	20.99	20.99	20.96	22.00
		MID	QPSK	21.07	21.01	21.00	22.00
		HIGH	QPSK	21.06	21.06	21.07	22.00
	100	LOW	QPSK	21.06	20.98	20.96	22.00
20	1	LOW	Q16	21.57	21.49	21.41	22.00
		MID	Q16	21.57	21.45	21.38	22.00
		HIGH	Q16	21.50	21.50	21.39	22.00
	50	LOW	Q16	20.02	20.03	19.95	21.00
		MID	Q16	20.10	20.06	19.97	21.00
		HIGH	Q16	20.07	20.09	20.07	21.00
	100	LOW	Q16	20.08	20.00	20.00	21.00
20	1	LOW	64QAM	20.50	20.51	20.51	21.00
		MID	64QAM	20.61	20.54	20.27	21.00
		HIGH	64QAM	20.46	20.64	20.32	21.00
	50	LOW	64QAM	18.98	19.03	19.09	20.00
		MID	64QAM	19.01	19.00	18.96	20.00
		HIGH	64QAM	18.95	19.14	19.11	20.00
	100	LOW	64QAM	19.22	19.09	19.06	20.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.54	18.47	18.63	19.50
		MID	QPSK	18.54	18.61	18.52	19.50
		HIGH	QPSK	18.43	18.66	18.43	19.50
	12	LOW	QPSK	18.69	18.72	18.73	19.50
		MID	QPSK	18.66	18.73	18.75	19.50
		HIGH	QPSK	18.57	18.65	18.95	19.50
	25	LOW	QPSK	18.73	18.61	18.76	19.50
5	1	LOW	Q16	18.93	18.81	18.97	19.50
		MID	Q16	18.87	19.08	18.89	19.50
		HIGH	Q16	18.80	19.11	18.88	19.50
	12	LOW	Q16	18.46	18.87	18.64	19.50
		MID	Q16	18.64	18.62	18.58	19.50
		HIGH	Q16	18.50	18.81	18.67	19.50
	25	LOW	Q16	18.67	18.54	18.61	19.50
5	1	LOW	64QAM	19.03	19.01	18.90	19.50
		MID	64QAM	**19.29**	19.17	19.05	19.50
		HIGH	64QAM	19.10	19.18	19.18	19.50
	12	LOW	64QAM	18.63	18.76	18.69	19.50
		MID	64QAM	18.88	18.64	18.58	19.50
		HIGH	64QAM	18.49	18.63	18.63	19.50
	25	LOW	64QAM	18.85	18.67	18.61	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.62	18.55	18.57	19.50
		MID	QPSK	18.40	18.73	18.48	19.50
		HIGH	QPSK	18.52	18.72	18.60	19.50
	25	LOW	QPSK	18.62	18.59	18.51	19.50
		MID	QPSK	18.55	18.82	18.58	19.50
		HIGH	QPSK	18.67	18.66	18.83	19.50
	50	LOW	QPSK	18.78	18.77	18.60	19.50
10	1	LOW	Q16	18.85	19.02	19.05	19.50
		MID	Q16	18.71	19.01	18.93	19.50
		HIGH	Q16	18.90	19.05	19.05	19.50
	25	LOW	Q16	18.46	18.62	18.66	19.50
		MID	Q16	18.64	18.78	18.61	19.50
		HIGH	Q16	18.66	18.84	18.80	19.50
	50	LOW	Q16	18.56	18.70	18.78	19.50
10	1	LOW	64QAM	19.16	18.99	19.17	19.50
		MID	64QAM	**19.20**	18.88	18.99	19.50
		HIGH	64QAM	19.06	19.03	19.08	19.50
	25	LOW	64QAM	18.56	18.82	18.77	19.50
		MID	64QAM	18.69	18.88	18.82	19.50
		HIGH	64QAM	18.70	18.67	18.83	19.50
	50	LOW	64QAM	18.64	18.64	18.58	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.72	18.70	18.70	19.50
		MID	QPSK	18.56	18.69	18.59	19.50
		HIGH	QPSK	18.51	18.51	18.59	19.50
	36	LOW	QPSK	18.65	18.57	18.54	19.50
		MID	QPSK	18.66	18.84	18.72	19.50
		HIGH	QPSK	18.54	18.86	18.91	19.50
	75	LOW	QPSK	18.68	18.54	18.83	19.50
15	1	LOW	Q16	19.12	18.98	19.03	19.50
		MID	Q16	18.89	19.14	19.05	19.50
		HIGH	Q16	19.00	19.00	19.05	19.50
	36	LOW	Q16	18.48	18.82	18.60	19.50
		MID	Q16	18.84	18.65	18.75	19.50
		HIGH	Q16	18.72	18.87	18.63	19.50
	75	LOW	Q16	18.82	18.60	18.81	19.50
15	1	LOW	64QAM	19.03	18.93	18.91	19.50
		MID	64QAM	19.07	19.16	19.19	19.50
		HIGH	64QAM	19.07	19.05	**19.20**	19.50
	36	LOW	64QAM	18.58	18.75	18.62	19.50
		MID	64QAM	18.71	18.82	18.71	19.50
		HIGH	64QAM	18.74	18.68	18.88	19.50
	75	LOW	64QAM	18.85	18.62	18.59	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.57	**18.62**	18.58	19.50
		MID	QPSK	18.51	18.61	18.60	19.50
		HIGH	QPSK	18.55	18.59	18.57	19.50
	50	LOW	QPSK	18.57	**18.81**	18.66	19.50
		MID	QPSK	18.66	18.69	18.72	19.50
		HIGH	QPSK	18.62	18.74	18.63	19.50
	100	LOW	QPSK	18.66	18.62	18.69	19.50
20	1	LOW	Q16	18.98	19.07	19.03	19.50
		MID	Q16	18.97	19.02	19.06	19.50
		HIGH	Q16	18.73	18.97	19.05	19.50
	50	LOW	Q16	18.58	18.73	18.71	19.50
		MID	Q16	18.74	18.73	18.71	19.50
		HIGH	Q16	18.64	18.76	18.78	19.50
	100	LOW	Q16	18.71	18.69	18.72	19.50
20	1	LOW	64QAM	19.23	19.10	18.89	19.50
		MID	64QAM	19.10	18.89	19.08	19.50
		HIGH	64QAM	19.12	**19.24**	18.93	19.50
	50	LOW	64QAM	18.50	18.63	18.63	19.50
		MID	64QAM	18.83	18.58	18.71	19.50
		HIGH	64QAM	18.72	18.71	18.82	19.50
	100	LOW	64QAM	18.80	18.78	18.80	19.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	14.97	14.86	14.92	16.00
		MID	QPSK	14.79	14.97	14.95	16.00
		HIGH	QPSK	14.84	14.81	15.22	16.00
	12	LOW	QPSK	14.83	15.07	14.95	16.00
		MID	QPSK	15.08	15.13	14.96	16.00
		HIGH	QPSK	14.93	15.10	15.05	16.00
	25	LOW	QPSK	15.01	14.89	15.20	16.00
5	1	LOW	Q16	15.21	15.17	**15.41**	16.00
		MID	Q16	15.11	15.02	15.40	16.00
		HIGH	Q16	15.07	15.00	15.33	16.00
	12	LOW	Q16	15.11	14.85	14.98	16.00
		MID	Q16	14.99	15.04	15.17	16.00
		HIGH	Q16	15.04	15.23	15.34	16.00
	25	LOW	Q16	15.17	15.02	15.13	16.00
5	1	LOW	64QAM	15.13	15.20	15.34	16.00
		MID	64QAM	15.24	15.21	15.29	16.00
		HIGH	64QAM	15.20	15.05	15.33	16.00
	12	LOW	64QAM	14.85	15.03	14.98	16.00
		MID	64QAM	15.12	14.95	15.23	16.00
		HIGH	64QAM	14.89	15.13	15.36	16.00
	25	LOW	64QAM	14.91	15.06	15.00	16.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	14.91	14.98	14.89	16.00
		MID	QPSK	14.82	14.82	14.99	16.00
		HIGH	QPSK	14.71	15.01	15.06	16.00
	25	LOW	QPSK	15.07	15.08	15.10	16.00
		MID	QPSK	15.11	15.08	14.98	16.00
		HIGH	QPSK	14.88	15.06	15.20	16.00
	50	LOW	QPSK	14.81	15.15	15.16	16.00
10	1	LOW	Q16	15.16	14.99	15.27	16.00
		MID	Q16	15.12	15.20	15.38	16.00
		HIGH	Q16	15.03	14.90	**15.47**	16.00
	25	LOW	Q16	15.09	14.94	14.97	16.00
		MID	Q16	15.13	14.92	15.25	16.00
		HIGH	Q16	14.91	15.03	15.19	16.00
	50	LOW	Q16	15.19	15.09	15.07	16.00
10	1	LOW	64QAM	15.25	15.22	15.36	16.00
		MID	64QAM	15.30	14.96	15.31	16.00
		HIGH	64QAM	15.04	14.94	15.32	16.00
	25	LOW	64QAM	14.92	15.02	15.20	16.00
		MID	64QAM	15.12	14.92	15.29	16.00
		HIGH	64QAM	15.00	14.97	15.29	16.00
	50	LOW	64QAM	15.11	14.98	15.02	16.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.78	14.97	14.93	16.00
		MID	QPSK	14.86	14.81	14.98	16.00
		HIGH	QPSK	14.62	15.02	15.03	16.00
	36	LOW	QPSK	14.92	15.17	14.90	16.00
		MID	QPSK	15.03	15.13	14.97	16.00
		HIGH	QPSK	14.92	15.00	15.21	16.00
	75	LOW	QPSK	14.99	15.01	15.06	16.00
15	1	LOW	Q16	15.15	15.20	15.42	16.00
		MID	Q16	15.01	14.96	15.42	16.00
		HIGH	Q16	15.09	15.00	15.36	16.00
	36	LOW	Q16	15.06	14.97	15.05	16.00
		MID	Q16	15.11	15.09	15.07	16.00
		HIGH	Q16	14.90	15.02	15.37	16.00
	75	LOW	Q16	14.96	14.94	15.20	16.00
15	1	LOW	64QAM	15.21	15.20	15.40	16.00
		MID	64QAM	15.26	15.03	15.35	16.00
		HIGH	64QAM	15.05	14.84	**15.44**	16.00
	36	LOW	64QAM	15.05	14.99	15.06	16.00
		MID	64QAM	15.18	15.09	15.21	16.00
		HIGH	64QAM	14.93	15.26	15.31	16.00
	75	LOW	64QAM	14.89	14.89	15.27	16.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	14.91	**15.15**	15.03	16.00
		MID	QPSK	14.88	14.94	15.07	16.00
		HIGH	QPSK	14.77	14.91	14.87	16.00
	50	LOW	QPSK	14.92	**15.11**	15.05	16.00
		MID	QPSK	15.00	15.06	15.07	16.00
		HIGH	QPSK	14.99	15.09	15.06	16.00
	100	LOW	QPSK	14.96	15.03	15.08	16.00
20	1	LOW	Q16	15.11	15.10	15.36	16.00
		MID	Q16	15.16	15.09	15.42	16.00
		HIGH	Q16	15.16	14.98	**15.47**	16.00
	50	LOW	Q16	14.96	15.00	15.12	16.00
		MID	Q16	15.05	15.01	15.14	16.00
		HIGH	Q16	15.02	15.12	15.24	16.00
	100	LOW	Q16	15.04	15.04	15.14	16.00
20	1	LOW	64QAM	15.22	15.06	15.40	16.00
		MID	64QAM	15.04	15.10	15.42	16.00
		HIGH	64QAM	15.20	15.05	15.35	16.00
	50	LOW	64QAM	14.89	15.01	14.99	16.00
		MID	64QAM	14.90	14.95	15.07	16.00
		HIGH	64QAM	14.91	15.01	15.11	16.00
	100	LOW	64QAM	15.15	14.96	15.21	16.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	16.48	16.53	16.43	17.50
		MID	QPSK	16.48	16.46	16.38	17.50
		HIGH	QPSK	16.43	16.66	16.46	17.50
	12	LOW	QPSK	16.33	16.57	16.71	17.50
		MID	QPSK	16.71	16.51	16.72	17.50
		HIGH	QPSK	16.58	16.64	16.61	17.50
	25	LOW	QPSK	16.55	16.51	16.71	17.50
5	1	LOW	Q16	16.90	16.65	16.79	17.50
		MID	Q16	16.88	16.67	16.47	17.50
		HIGH	Q16	16.91	16.75	16.66	17.50
	12	LOW	Q16	16.51	16.56	16.51	17.50
		MID	Q16	16.58	16.60	16.69	17.50
		HIGH	Q16	16.70	16.63	16.76	17.50
	25	LOW	Q16	16.55	16.51	16.55	17.50
5	1	LOW	64QAM	16.80	16.68	16.87	17.50
		MID	64QAM	**16.95**	16.55	16.45	17.50
		HIGH	64QAM	16.76	16.67	16.63	17.50
	12	LOW	64QAM	16.58	16.50	16.60	17.50
		MID	64QAM	16.45	16.63	16.56	17.50
		HIGH	64QAM	16.63	16.65	16.66	17.50
	25	LOW	64QAM	16.68	16.47	16.50	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	16.50	16.43	16.53	17.50
		MID	QPSK	16.31	16.39	16.36	17.50
		HIGH	QPSK	16.35	16.59	16.45	17.50
	25	LOW	QPSK	16.57	16.63	16.50	17.50
		MID	QPSK	16.55	16.71	16.82	17.50
		HIGH	QPSK	16.62	16.61	16.56	17.50
	50	LOW	QPSK	16.50	16.57	16.59	17.50
10	1	LOW	Q16	16.93	16.59	**16.97**	17.50
		MID	Q16	16.63	16.82	16.81	17.50
		HIGH	Q16	16.77	16.90	16.90	17.50
	25	LOW	Q16	16.36	16.65	16.57	17.50
		MID	Q16	16.76	16.71	16.65	17.50
		HIGH	Q16	16.63	16.66	16.62	17.50
	50	LOW	Q16	16.62	16.68	16.56	17.50
10	1	LOW	64QAM	16.82	16.46	16.91	17.50
		MID	64QAM	16.51	16.87	16.84	17.50
		HIGH	64QAM	16.78	16.75	16.88	17.50
	25	LOW	64QAM	16.28	16.77	16.66	17.50
		MID	64QAM	16.75	16.70	16.51	17.50
		HIGH	64QAM	16.52	16.53	16.76	17.50
	50	LOW	64QAM	16.49	16.60	16.59	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	16.56	16.29	16.48	17.50
		MID	QPSK	16.47	16.66	16.49	17.50
		HIGH	QPSK	16.46	16.48	16.60	17.50
	36	LOW	QPSK	16.52	16.45	16.51	17.50
		MID	QPSK	16.56	16.43	16.68	17.50
		HIGH	QPSK	16.41	16.55	16.81	17.50
	75	LOW	QPSK	16.64	16.59	16.60	17.50
15	1	LOW	Q16	16.67	16.76	16.80	17.50
		MID	Q16	16.68	16.69	16.85	17.50
		HIGH	Q16	16.78	16.69	16.90	17.50
	36	LOW	Q16	16.48	16.55	16.53	17.50
		MID	Q16	16.67	16.50	16.78	17.50
		HIGH	Q16	16.67	16.54	16.65	17.50
	75	LOW	Q16	16.57	16.52	16.78	17.50
15	1	LOW	64QAM	16.66	16.77	**16.95**	17.50
		MID	64QAM	16.73	16.72	16.89	17.50
		HIGH	64QAM	16.69	16.67	16.87	17.50
	36	LOW	64QAM	16.38	16.62	16.48	17.50
		MID	64QAM	16.74	16.64	16.67	17.50
		HIGH	64QAM	16.73	16.40	16.51	17.50
	75	LOW	64QAM	16.53	16.40	16.68	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	16.42	**16.53**	16.50	17.50
		MID	QPSK	16.46	16.44	16.51	17.50
		HIGH	QPSK	16.50	16.51	16.51	17.50
	50	LOW	QPSK	16.45	**16.71**	16.62	17.50
		MID	QPSK	16.57	16.57	16.67	17.50
		HIGH	QPSK	16.51	16.65	16.58	17.50
	100	LOW	QPSK	16.56	16.57	16.66	17.50
20	1	LOW	Q16	16.80	16.85	16.76	17.50
		MID	Q16	16.90	**16.99**	**16.99**	17.50
		HIGH	Q16	16.88	16.79	16.98	17.50
	50	LOW	Q16	16.48	16.59	16.60	17.50
		MID	Q16	16.62	16.62	16.65	17.50
		HIGH	Q16	16.55	16.68	16.72	17.50
	100	LOW	Q16	16.59	16.60	16.63	17.50
20	1	LOW	64QAM	16.77	16.86	16.91	17.50
		MID	64QAM	16.88	16.91	16.88	17.50
		HIGH	64QAM	16.92	16.92	16.79	17.50
	50	LOW	64QAM	16.55	16.66	16.48	17.50
		MID	64QAM	16.51	16.77	16.63	17.50
		HIGH	64QAM	16.55	16.83	16.66	17.50
	100	LOW	64QAM	16.52	16.59	16.57	17.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	13.33	13.45	13.65	14.50
		MID	QPSK	13.45	13.56	13.75	14.50
		HIGH	QPSK	13.69	13.66	13.78	14.50
	12	LOW	QPSK	13.59	13.69	13.61	14.50
		MID	QPSK	13.74	13.77	13.92	14.50
		HIGH	QPSK	13.44	13.59	13.74	14.50
	25	LOW	QPSK	13.51	13.77	13.86	14.50
5	1	LOW	Q16	13.46	13.59	13.20	14.50
		MID	Q16	13.29	13.63	13.57	14.50
		HIGH	Q16	13.48	13.75	13.72	14.50
	12	LOW	Q16	13.67	13.75	13.78	14.50
		MID	Q16	13.54	13.59	13.75	14.50
		HIGH	Q16	13.62	13.78	13.88	14.50
	25	LOW	Q16	13.75	13.51	13.61	14.50
5	1	LOW	64QAM	13.78	13.88	13.48	14.50
		MID	64QAM	13.76	13.96	13.76	14.50
		HIGH	64QAM	13.83	13.91	13.87	14.50
	12	LOW	64QAM	13.42	13.57	13.67	14.50
		MID	64QAM	13.73	13.62	13.76	14.50
		HIGH	64QAM	13.48	13.92	13.62	14.50
	25	LOW	64QAM	13.52	13.54	13.85	14.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	13.51	13.68	13.57	14.50
		MID	QPSK	13.41	13.52	13.73	14.50
		HIGH	QPSK	13.61	13.40	13.75	14.50
	25	LOW	QPSK	13.62	13.60	13.73	14.50
		MID	QPSK	13.47	13.64	13.74	14.50
		HIGH	QPSK	13.46	13.70	13.92	14.50
	50	LOW	QPSK	13.56	13.71	13.61	14.50
10	1	LOW	Q16	13.38	13.42	13.40	14.50
		MID	Q16	13.41	13.59	13.32	14.50
		HIGH	Q16	13.58	13.81	13.48	14.50
	25	LOW	Q16	13.42	13.73	13.53	14.50
		MID	Q16	13.67	13.77	13.66	14.50
		HIGH	Q16	13.49	13.79	13.68	14.50
	50	LOW	Q16	13.70	13.78	13.57	14.50
10	1	LOW	64QAM	13.61	13.67	13.70	14.50
		MID	64QAM	13.61	13.86	13.71	14.50
		HIGH	64QAM	13.75	13.85	13.93	14.50
	25	LOW	64QAM	13.58	13.86	13.56	14.50
		MID	64QAM	13.71	13.71	13.87	14.50
		HIGH	64QAM	13.61	13.81	13.76	14.50
	50	LOW	64QAM	13.60	13.55	13.85	14.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	13.37	13.65	13.59	14.50
		MID	QPSK	13.42	13.54	13.58	14.50
		HIGH	QPSK	13.61	13.42	13.72	14.50
	36	LOW	QPSK	13.55	13.69	13.75	14.50
		MID	QPSK	13.54	13.51	13.85	14.50
		HIGH	QPSK	13.66	13.84	13.70	14.50
	75	LOW	QPSK	13.46	13.65	13.64	14.50
15	1	LOW	Q16	13.41	13.41	13.21	14.50
		MID	Q16	13.41	13.64	13.59	14.50
		HIGH	Q16	13.65	13.59	13.63	14.50
	36	LOW	Q16	13.70	13.81	13.72	14.50
		MID	Q16	13.56	13.85	13.69	14.50
		HIGH	Q16	13.74	13.67	13.63	14.50
	75	LOW	Q16	13.62	13.61	13.65	14.50
15	1	LOW	64QAM	13.78	13.65	13.73	14.50
		MID	64QAM	13.73	13.77	13.83	14.50
		HIGH	64QAM	13.87	13.90	13.87	14.50
	36	LOW	64QAM	13.55	13.77	13.73	14.50
		MID	64QAM	13.73	13.69	13.86	14.50
		HIGH	64QAM	13.74	13.67	13.66	14.50
	75	LOW	64QAM	13.71	13.53	13.75	14.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	13.47	13.56	13.59	14.50
		MID	QPSK	13.50	**13.67**	13.65	14.50
		HIGH	QPSK	13.54	13.55	13.62	14.50
	50	LOW	QPSK	13.52	13.67	13.72	14.50
		MID	QPSK	13.59	13.65	13.77	14.50
		HIGH	QPSK	13.54	**13.79**	13.75	14.50
	100	LOW	QPSK	13.57	13.63	13.73	14.50
20	1	LOW	Q16	13.70	13.80	13.63	14.50
		MID	Q16	13.66	13.89	13.74	14.50
		HIGH	Q16	13.80	13.99	13.92	14.50
	50	LOW	Q16	13.57	13.71	13.68	14.50
		MID	Q16	13.61	13.72	13.72	14.50
		HIGH	Q16	13.60	13.81	13.75	14.50
	100	LOW	Q16	13.62	13.66	13.72	14.50
20	1	LOW	64QAM	13.81	13.84	13.66	14.50
		MID	64QAM	13.56	13.82	13.82	14.50
		HIGH	64QAM	13.90	13.92	13.78	14.50
	50	LOW	64QAM	13.42	13.65	13.54	14.50
		MID	64QAM	13.75	13.81	13.77	14.50
		HIGH	64QAM	13.55	13.90	13.72	14.50
	100	LOW	64QAM	13.70	13.58	13.58	14.50

LTE B7-Full Power -Ant.1(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**22.00**	21.85	21.89	23.00
		MID	QPSK	21.95	21.90	21.94	23.00
		HIGH	QPSK	21.84	21.97	21.90	23.00
	12	LOW	QPSK	21.04	20.97	21.04	22.00
		MID	QPSK	21.05	20.97	21.02	22.00
		HIGH	QPSK	21.02	21.04	21.02	22.00
	25	LOW	QPSK	21.04	20.95	21.04	22.00
5	1	LOW	Q16	21.20	21.37	21.07	22.00
		MID	Q16	21.21	21.48	21.21	22.00
		HIGH	Q16	21.15	21.45	21.05	22.00
	12	LOW	Q16	20.14	20.17	20.13	21.00
		MID	Q16	20.15	20.15	20.12	21.00
		HIGH	Q16	20.14	20.21	20.13	21.00
	25	LOW	Q16	20.07	20.05	20.01	21.00
5	1	LOW	64QAM	20.26	20.40	19.94	21.00
		MID	64QAM	20.07	20.49	20.10	21.00
		HIGH	64QAM	20.01	20.34	20.01	21.00
	12	LOW	64QAM	19.28	19.28	19.00	20.00
		MID	64QAM	19.22	19.18	18.97	20.00
		HIGH	64QAM	19.22	19.07	19.27	20.00
	25	LOW	64QAM	19.17	19.20	19.10	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**21.97**	21.82	21.94	23.00
		MID	QPSK	21.83	21.85	21.94	23.00
		HIGH	QPSK	21.88	21.85	21.89	23.00
	25	LOW	QPSK	21.10	21.05	21.00	22.00
		MID	QPSK	21.08	21.05	21.06	22.00
		HIGH	QPSK	21.09	21.08	21.10	22.00
	50	LOW	QPSK	21.08	21.02	21.01	22.00
10	1	LOW	Q16	20.95	21.31	21.09	22.00
		MID	Q16	20.89	21.36	20.99	22.00
		HIGH	Q16	20.89	21.34	20.87	22.00
	25	LOW	Q16	20.13	20.12	20.09	21.00
		MID	Q16	20.10	20.10	20.17	21.00
		HIGH	Q16	20.08	20.15	20.21	21.00
	50	LOW	Q16	20.05	20.07	20.10	21.00
10	1	LOW	64QAM	19.83	20.28	20.01	21.00
		MID	64QAM	19.90	20.42	19.85	21.00
		HIGH	64QAM	20.03	20.29	19.78	21.00
	25	LOW	64QAM	19.22	19.17	18.98	20.00
		MID	64QAM	19.15	19.20	19.10	20.00
		HIGH	64QAM	19.11	19.05	19.11	20.00
	50	LOW	64QAM	18.91	19.13	19.20	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**22.01**	21.93	21.99	23.00
		MID	QPSK	21.96	21.91	21.97	23.00
		HIGH	QPSK	21.98	21.82	21.92	23.00
	36	LOW	QPSK	21.00	21.00	21.01	22.00
		MID	QPSK	21.08	21.02	21.10	22.00
		HIGH	QPSK	21.05	21.05	21.08	22.00
	75	LOW	QPSK	21.03	20.95	21.06	22.00
15	1	LOW	Q16	20.99	21.41	21.48	22.00
		MID	Q16	20.96	21.41	21.63	22.00
		HIGH	Q16	20.87	21.33	21.39	22.00
	36	LOW	Q16	19.97	20.05	20.02	21.00
		MID	Q16	20.11	20.08	20.09	21.00
		HIGH	Q16	20.03	20.10	20.06	21.00
	75	LOW	Q16	20.08	20.00	20.06	21.00
15	1	LOW	64QAM	19.95	20.43	20.42	21.00
		MID	64QAM	19.94	20.41	20.54	21.00
		HIGH	64QAM	20.00	20.39	20.46	21.00
	36	LOW	64QAM	18.89	19.11	18.88	20.00
		MID	64QAM	19.04	19.18	19.17	20.00
		HIGH	64QAM	19.07	19.17	19.15	20.00
	75	LOW	64QAM	18.94	19.10	19.15	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**22.04**	21.96	21.91	23.00
		MID	QPSK	21.94	22.00	21.93	23.00
		HIGH	QPSK	21.91	21.89	21.90	23.00
	50	LOW	QPSK	20.99	20.99	20.96	22.00
		MID	QPSK	**21.07**	21.01	21.00	22.00
		HIGH	QPSK	21.06	21.06	**21.07**	22.00
	100	LOW	QPSK	21.06	20.98	20.96	22.00
20	1	LOW	Q16	**21.57**	21.49	21.41	22.00
		MID	Q16	**21.57**	21.45	21.38	22.00
		HIGH	Q16	21.50	21.50	21.39	22.00
	50	LOW	Q16	20.02	20.03	19.95	21.00
		MID	Q16	20.10	20.06	19.97	21.00
		HIGH	Q16	20.07	20.09	20.07	21.00
	100	LOW	Q16	20.08	20.00	20.00	21.00
20	1	LOW	64QAM	20.50	20.51	20.51	21.00
		MID	64QAM	20.61	20.54	20.27	21.00
		HIGH	64QAM	20.46	20.64	20.32	21.00
	50	LOW	64QAM	18.98	19.03	19.09	20.00
		MID	64QAM	19.01	19.00	18.96	20.00
		HIGH	64QAM	18.95	19.14	19.11	20.00
	100	LOW	64QAM	19.22	19.09	19.06	20.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.54	18.47	18.63	19.50
		MID	QPSK	18.54	18.61	18.52	19.50
		HIGH	QPSK	18.43	18.66	18.43	19.50
	12	LOW	QPSK	18.69	18.72	18.73	19.50
		MID	QPSK	18.66	18.73	18.75	19.50
		HIGH	QPSK	18.57	18.65	18.95	19.50
	25	LOW	QPSK	18.73	18.61	18.76	19.50
5	1	LOW	Q16	18.93	18.81	18.97	19.50
		MID	Q16	18.87	19.08	18.89	19.50
		HIGH	Q16	18.80	19.11	18.88	19.50
	12	LOW	Q16	18.46	18.87	18.64	19.50
		MID	Q16	18.64	18.62	18.58	19.50
		HIGH	Q16	18.50	18.81	18.67	19.50
	25	LOW	Q16	18.67	18.54	18.61	19.50
5	1	LOW	64QAM	19.03	19.01	18.90	19.50
		MID	64QAM	**19.29**	19.17	19.05	19.50
		HIGH	64QAM	19.10	19.18	19.18	19.50
	12	LOW	64QAM	18.63	18.76	18.69	19.50
		MID	64QAM	18.88	18.64	18.58	19.50
		HIGH	64QAM	18.49	18.63	18.63	19.50
	25	LOW	64QAM	18.85	18.67	18.61	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.62	18.55	18.57	19.50
		MID	QPSK	18.40	18.73	18.48	19.50
		HIGH	QPSK	18.52	18.72	18.60	19.50
	25	LOW	QPSK	18.62	18.59	18.51	19.50
		MID	QPSK	18.55	18.82	18.58	19.50
		HIGH	QPSK	18.67	18.66	18.83	19.50
	50	LOW	QPSK	18.78	18.77	18.60	19.50
10	1	LOW	Q16	18.85	19.02	19.05	19.50
		MID	Q16	18.71	19.01	18.93	19.50
		HIGH	Q16	18.90	19.05	19.05	19.50
	25	LOW	Q16	18.46	18.62	18.66	19.50
		MID	Q16	18.64	18.78	18.61	19.50
		HIGH	Q16	18.66	18.84	18.80	19.50
	50	LOW	Q16	18.56	18.70	18.78	19.50
10	1	LOW	64QAM	19.16	18.99	19.17	19.50
		MID	64QAM	**19.20**	18.88	18.99	19.50
		HIGH	64QAM	19.06	19.03	19.08	19.50
	25	LOW	64QAM	18.56	18.82	18.77	19.50
		MID	64QAM	18.69	18.88	18.82	19.50
		HIGH	64QAM	18.70	18.67	18.83	19.50
	50	LOW	64QAM	18.64	18.64	18.58	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.72	18.70	18.70	19.50
		MID	QPSK	18.56	18.69	18.59	19.50
		HIGH	QPSK	18.51	18.51	18.59	19.50
	36	LOW	QPSK	18.65	18.57	18.54	19.50
		MID	QPSK	18.66	18.84	18.72	19.50
		HIGH	QPSK	18.54	18.86	18.91	19.50
	75	LOW	QPSK	18.68	18.54	18.83	19.50
15	1	LOW	Q16	19.12	18.98	19.03	19.50
		MID	Q16	18.89	19.14	19.05	19.50
		HIGH	Q16	19.00	19.00	19.05	19.50
	36	LOW	Q16	18.48	18.82	18.60	19.50
		MID	Q16	18.84	18.65	18.75	19.50
		HIGH	Q16	18.72	18.87	18.63	19.50
	75	LOW	Q16	18.82	18.60	18.81	19.50
15	1	LOW	64QAM	19.03	18.93	18.91	19.50
		MID	64QAM	19.07	19.16	19.19	19.50
		HIGH	64QAM	19.07	19.05	**19.20**	19.50
	36	LOW	64QAM	18.58	18.75	18.62	19.50
		MID	64QAM	18.71	18.82	18.71	19.50
		HIGH	64QAM	18.74	18.68	18.88	19.50
	75	LOW	64QAM	18.85	18.62	18.59	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.57	**18.62**	18.58	19.50
		MID	QPSK	18.51	18.61	18.60	19.50
		HIGH	QPSK	18.55	18.59	18.57	19.50
	50	LOW	QPSK	18.57	**18.81**	18.66	19.50
		MID	QPSK	18.66	18.69	18.72	19.50
		HIGH	QPSK	18.62	18.74	18.63	19.50
	100	LOW	QPSK	18.66	18.62	18.69	19.50
20	1	LOW	Q16	18.98	19.07	19.03	19.50
		MID	Q16	18.97	19.02	19.06	19.50
		HIGH	Q16	18.73	18.97	19.05	19.50
	50	LOW	Q16	18.58	18.73	18.71	19.50
		MID	Q16	18.74	18.73	18.71	19.50
		HIGH	Q16	18.64	18.76	18.78	19.50
	100	LOW	Q16	18.71	18.69	18.72	19.50
20	1	LOW	64QAM	19.23	19.10	18.89	19.50
		MID	64QAM	19.10	18.89	19.08	19.50
		HIGH	64QAM	19.12	**19.24**	18.93	19.50
	50	LOW	64QAM	18.50	18.63	18.63	19.50
		MID	64QAM	18.83	18.58	18.71	19.50
		HIGH	64QAM	18.72	18.71	18.82	19.50
	100	LOW	64QAM	18.80	18.78	18.80	19.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	12.79	13.06	13.27	14.00
		MID	QPSK	12.96	13.23	13.38	14.00
		HIGH	QPSK	13.19	13.22	13.28	14.00
	12	LOW	QPSK	13.10	13.06	13.21	14.00
		MID	QPSK	13.35	13.33	13.37	14.00
		HIGH	QPSK	12.95	13.16	13.23	14.00
	25	LOW	QPSK	12.93	13.29	13.47	14.00
5	1	LOW	Q16	12.97	12.96	12.66	14.00
		MID	Q16	12.79	13.10	13.03	14.00
		HIGH	Q16	12.81	13.12	13.20	14.00
	12	LOW	Q16	13.11	13.16	13.31	14.00
		MID	Q16	12.95	13.01	13.34	14.00
		HIGH	Q16	13.20	13.26	13.51	14.00
	25	LOW	Q16	13.20	12.86	13.14	14.00
5	1	LOW	64QAM	13.37	13.37	13.03	14.00
		MID	64QAM	13.18	13.52	13.31	14.00
		HIGH	64QAM	13.37	13.37	13.41	14.00
	12	LOW	64QAM	12.85	13.08	13.25	14.00
		MID	64QAM	13.24	13.10	13.36	14.00
		HIGH	64QAM	12.91	13.47	13.14	14.00
	25	LOW	64QAM	12.89	12.91	13.39	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	12.96	13.16	13.07	14.00
		MID	QPSK	13.03	13.01	13.19	14.00
		HIGH	QPSK	13.16	12.74	13.23	14.00
	25	LOW	QPSK	13.07	13.13	13.17	14.00
		MID	QPSK	12.90	13.01	13.22	14.00
		HIGH	QPSK	12.85	13.21	13.55	14.00
	50	LOW	QPSK	13.08	13.12	13.12	14.00
10	1	LOW	Q16	12.99	13.03	12.79	14.00
		MID	Q16	12.89	13.16	12.74	14.00
		HIGH	Q16	13.04	13.32	13.00	14.00
	25	LOW	Q16	12.77	13.18	12.90	14.00
		MID	Q16	13.05	13.18	13.03	14.00
		HIGH	Q16	13.02	13.32	13.23	14.00
	50	LOW	Q16	13.25	13.35	13.03	14.00
10	1	LOW	64QAM	12.98	13.20	13.25	14.00
		MID	64QAM	13.07	13.33	13.16	14.00
		HIGH	64QAM	13.20	13.30	13.36	14.00
	25	LOW	64QAM	13.14	13.43	13.06	14.00
		MID	64QAM	13.10	13.18	13.45	14.00
		HIGH	64QAM	13.12	13.15	13.23	14.00
	50	LOW	64QAM	13.08	13.14	13.42	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	12.75	13.11	13.07	14.00
		MID	QPSK	12.94	13.01	13.06	14.00
		HIGH	QPSK	13.09	12.88	13.16	14.00
	36	LOW	QPSK	13.20	13.20	13.33	14.00
		MID	QPSK	13.04	13.01	13.27	14.00
		HIGH	QPSK	13.04	13.45	13.14	14.00
	75	LOW	QPSK	13.01	13.08	13.16	14.00
15	1	LOW	Q16	12.96	12.82	12.71	14.00
		MID	Q16	13.02	13.14	13.00	14.00
		HIGH	Q16	13.06	13.05	13.09	14.00
	36	LOW	Q16	13.20	13.24	13.22	14.00
		MID	Q16	13.06	13.45	13.20	14.00
		HIGH	Q16	13.22	13.27	13.21	14.00
	75	LOW	Q16	13.24	13.03	13.17	14.00
15	1	LOW	64QAM	13.26	13.00	13.21	14.00
		MID	64QAM	13.20	13.39	13.38	14.00
		HIGH	64QAM	13.20	13.38	13.42	14.00
	36	LOW	64QAM	13.05	13.32	13.19	14.00
		MID	64QAM	13.32	13.03	13.39	14.00
		HIGH	64QAM	13.35	13.01	13.29	14.00
	75	LOW	64QAM	13.20	13.12	13.16	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	12.94	12.94	13.16	14.00
		MID	QPSK	13.02	**13.30**	13.25	14.00
		HIGH	QPSK	13.02	13.15	13.23	14.00
	50	LOW	QPSK	13.08	13.26	13.13	14.00
		MID	QPSK	12.94	13.18	13.32	14.00
		HIGH	QPSK	13.15	**13.37**	13.26	14.00
	100	LOW	QPSK	13.16	13.13	13.29	14.00
20	1	LOW	Q16	13.04	13.29	13.15	14.00
		MID	Q16	13.15	13.40	13.11	14.00
		HIGH	Q16	13.29	13.55	13.52	14.00
	50	LOW	Q16	13.12	13.25	13.17	14.00
		MID	Q16	13.20	13.22	13.13	14.00
		HIGH	Q16	13.10	13.31	13.24	14.00
	100	LOW	Q16	13.24	13.26	13.14	14.00
20	1	LOW	64QAM	13.35	13.20	13.25	14.00
		MID	64QAM	13.05	13.36	13.25	14.00
		HIGH	64QAM	13.29	13.51	13.33	14.00
	50	LOW	64QAM	12.93	13.08	13.02	14.00
		MID	64QAM	13.18	13.37	13.12	14.00
		HIGH	64QAM	13.21	13.30	13.26	14.00
	100	LOW	64QAM	13.13	13.11	13.01	14.00

LTE B7-State 19 -Ant.1(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	16.48	16.53	16.43	17.50
		MID	QPSK	16.48	16.46	16.38	17.50
		HIGH	QPSK	16.43	16.66	16.46	17.50
	12	LOW	QPSK	16.33	16.57	16.71	17.50
		MID	QPSK	16.71	16.51	16.72	17.50
		HIGH	QPSK	16.58	16.64	16.61	17.50
	25	LOW	QPSK	16.55	16.51	16.71	17.50
5	1	LOW	Q16	16.90	16.65	16.79	17.50
		MID	Q16	16.88	16.67	16.47	17.50
		HIGH	Q16	16.91	16.75	16.66	17.50
	12	LOW	Q16	16.51	16.56	16.51	17.50
		MID	Q16	16.58	16.60	16.69	17.50
		HIGH	Q16	16.70	16.63	16.76	17.50
	25	LOW	Q16	16.55	16.51	16.55	17.50
5	1	LOW	64QAM	16.80	16.68	16.87	17.50
		MID	64QAM	**16.95**	16.55	16.45	17.50
		HIGH	64QAM	16.76	16.67	16.63	17.50
	12	LOW	64QAM	16.58	16.50	16.60	17.50
		MID	64QAM	16.45	16.63	16.56	17.50
		HIGH	64QAM	16.63	16.65	16.66	17.50
	25	LOW	64QAM	16.68	16.47	16.50	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	16.50	16.43	16.53	17.50
		MID	QPSK	16.31	16.39	16.36	17.50
		HIGH	QPSK	16.35	16.59	16.45	17.50
	25	LOW	QPSK	16.57	16.63	16.50	17.50
		MID	QPSK	16.55	16.71	16.82	17.50
		HIGH	QPSK	16.62	16.61	16.56	17.50
	50	LOW	QPSK	16.50	16.57	16.59	17.50
10	1	LOW	Q16	16.93	16.59	**16.97**	17.50
		MID	Q16	16.63	16.82	16.81	17.50
		HIGH	Q16	16.77	16.90	16.90	17.50
	25	LOW	Q16	16.36	16.65	16.57	17.50
		MID	Q16	16.76	16.71	16.65	17.50
		HIGH	Q16	16.63	16.66	16.62	17.50
	50	LOW	Q16	16.62	16.68	16.56	17.50
10	1	LOW	64QAM	16.82	16.46	16.91	17.50
		MID	64QAM	16.51	16.87	16.84	17.50
		HIGH	64QAM	16.78	16.75	16.88	17.50
	25	LOW	64QAM	16.28	16.77	16.66	17.50
		MID	64QAM	16.75	16.70	16.51	17.50
		HIGH	64QAM	16.52	16.53	16.76	17.50
	50	LOW	64QAM	16.49	16.60	16.59	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	16.56	16.29	16.48	17.50
		MID	QPSK	16.47	16.66	16.49	17.50
		HIGH	QPSK	16.46	16.48	16.60	17.50
	36	LOW	QPSK	16.52	16.45	16.51	17.50
		MID	QPSK	16.56	16.43	16.68	17.50
		HIGH	QPSK	16.41	16.55	16.81	17.50
	75	LOW	QPSK	16.64	16.59	16.60	17.50
15	1	LOW	Q16	16.67	16.76	16.80	17.50
		MID	Q16	16.68	16.69	16.85	17.50
		HIGH	Q16	16.78	16.69	16.90	17.50
	36	LOW	Q16	16.48	16.55	16.53	17.50
		MID	Q16	16.67	16.50	16.78	17.50
		HIGH	Q16	16.67	16.54	16.65	17.50
	75	LOW	Q16	16.57	16.52	16.78	17.50
15	1	LOW	64QAM	16.66	16.77	**16.95**	17.50
		MID	64QAM	16.73	16.72	16.89	17.50
		HIGH	64QAM	16.69	16.67	16.87	17.50
	36	LOW	64QAM	16.38	16.62	16.48	17.50
		MID	64QAM	16.74	16.64	16.67	17.50
		HIGH	64QAM	16.73	16.40	16.51	17.50
	75	LOW	64QAM	16.53	16.40	16.68	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	16.42	**16.53**	16.50	17.50
		MID	QPSK	16.46	16.44	16.51	17.50
		HIGH	QPSK	16.50	16.51	16.51	17.50
	50	LOW	QPSK	16.45	**16.71**	16.62	17.50
		MID	QPSK	16.57	16.57	16.67	17.50
		HIGH	QPSK	16.51	16.65	16.58	17.50
	100	LOW	QPSK	16.56	16.57	16.66	17.50
20	1	LOW	Q16	16.80	16.85	16.76	17.50
		MID	Q16	16.90	**16.99**	**16.99**	17.50
		HIGH	Q16	16.88	16.79	16.98	17.50
	50	LOW	Q16	16.48	16.59	16.60	17.50
		MID	Q16	16.62	16.62	16.65	17.50
		HIGH	Q16	16.55	16.68	16.72	17.50
	100	LOW	Q16	16.59	16.60	16.63	17.50
20	1	LOW	64QAM	16.77	16.86	16.91	17.50
		MID	64QAM	16.88	16.91	16.88	17.50
		HIGH	64QAM	16.92	16.92	16.79	17.50
	50	LOW	64QAM	16.55	16.66	16.48	17.50
		MID	64QAM	16.51	16.77	16.63	17.50
		HIGH	64QAM	16.55	16.83	16.66	17.50
	100	LOW	64QAM	16.52	16.59	16.57	17.50

LTE B7-State 20 -Ant.1(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	12.79	13.06	13.27	14.00
		MID	QPSK	12.96	13.23	13.38	14.00
		HIGH	QPSK	13.19	13.22	13.28	14.00
	12	LOW	QPSK	13.10	13.06	13.21	14.00
		MID	QPSK	13.35	13.33	13.37	14.00
		HIGH	QPSK	12.95	13.16	13.23	14.00
	25	LOW	QPSK	12.93	13.29	13.47	14.00
5	1	LOW	Q16	12.97	12.96	12.66	14.00
		MID	Q16	12.79	13.10	13.03	14.00
		HIGH	Q16	12.81	13.12	13.20	14.00
	12	LOW	Q16	13.11	13.16	13.31	14.00
		MID	Q16	12.95	13.01	13.34	14.00
		HIGH	Q16	13.20	13.26	13.51	14.00
	25	LOW	Q16	13.20	12.86	13.14	14.00
5	1	LOW	64QAM	13.37	13.37	13.03	14.00
		MID	64QAM	13.18	13.52	13.31	14.00
		HIGH	64QAM	13.37	13.37	13.41	14.00
	12	LOW	64QAM	12.85	13.08	13.25	14.00
		MID	64QAM	13.24	13.10	13.36	14.00
		HIGH	64QAM	12.91	13.47	13.14	14.00
	25	LOW	64QAM	12.89	12.91	13.39	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	12.96	13.16	13.07	14.00
		MID	QPSK	13.03	13.01	13.19	14.00
		HIGH	QPSK	13.16	12.74	13.23	14.00
	25	LOW	QPSK	13.07	13.13	13.17	14.00
		MID	QPSK	12.90	13.01	13.22	14.00
		HIGH	QPSK	12.85	13.21	13.55	14.00
	50	LOW	QPSK	13.08	13.12	13.12	14.00
10	1	LOW	Q16	12.99	13.03	12.79	14.00
		MID	Q16	12.89	13.16	12.74	14.00
		HIGH	Q16	13.04	13.32	13.00	14.00
	25	LOW	Q16	12.77	13.18	12.90	14.00
		MID	Q16	13.05	13.18	13.03	14.00
		HIGH	Q16	13.02	13.32	13.23	14.00
	50	LOW	Q16	13.25	13.35	13.03	14.00
10	1	LOW	64QAM	12.98	13.20	13.25	14.00
		MID	64QAM	13.07	13.33	13.16	14.00
		HIGH	64QAM	13.20	13.30	13.36	14.00
	25	LOW	64QAM	13.14	13.43	13.06	14.00
		MID	64QAM	13.10	13.18	13.45	14.00
		HIGH	64QAM	13.12	13.15	13.23	14.00
	50	LOW	64QAM	13.08	13.14	13.42	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	12.75	13.11	13.07	14.00
		MID	QPSK	12.94	13.01	13.06	14.00
		HIGH	QPSK	13.09	12.88	13.16	14.00
	36	LOW	QPSK	13.20	13.20	13.33	14.00
		MID	QPSK	13.04	13.01	13.27	14.00
		HIGH	QPSK	13.04	13.45	13.14	14.00
	75	LOW	QPSK	13.01	13.08	13.16	14.00
15	1	LOW	Q16	12.96	12.82	12.71	14.00
		MID	Q16	13.02	13.14	13.00	14.00
		HIGH	Q16	13.06	13.05	13.09	14.00
	36	LOW	Q16	13.20	13.24	13.22	14.00
		MID	Q16	13.06	13.45	13.20	14.00
		HIGH	Q16	13.22	13.27	13.21	14.00
	75	LOW	Q16	13.24	13.03	13.17	14.00
15	1	LOW	64QAM	13.26	13.00	13.21	14.00
		MID	64QAM	13.20	13.39	13.38	14.00
		HIGH	64QAM	13.20	13.38	13.42	14.00
	36	LOW	64QAM	13.05	13.32	13.19	14.00
		MID	64QAM	13.32	13.03	13.39	14.00
		HIGH	64QAM	13.35	13.01	13.29	14.00
	75	LOW	64QAM	13.20	13.12	13.16	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	12.94	12.94	13.16	14.00
		MID	QPSK	13.02	**13.30**	13.25	14.00
		HIGH	QPSK	13.02	13.15	13.23	14.00
	50	LOW	QPSK	13.08	13.26	13.13	14.00
		MID	QPSK	12.94	13.18	13.32	14.00
		HIGH	QPSK	13.15	**13.37**	13.26	14.00
	100	LOW	QPSK	13.16	13.13	13.29	14.00
20	1	LOW	Q16	13.04	13.29	13.15	14.00
		MID	Q16	13.15	13.40	13.11	14.00
		HIGH	Q16	13.29	13.55	13.52	14.00
	50	LOW	Q16	13.12	13.25	13.17	14.00
		MID	Q16	13.20	13.22	13.13	14.00
		HIGH	Q16	13.10	13.31	13.24	14.00
	100	LOW	Q16	13.24	13.26	13.14	14.00
20	1	LOW	64QAM	13.35	13.20	13.25	14.00
		MID	64QAM	13.05	13.36	13.25	14.00
		HIGH	64QAM	13.29	13.51	13.33	14.00
	50	LOW	64QAM	12.93	13.08	13.02	14.00
		MID	64QAM	13.18	13.37	13.12	14.00
		HIGH	64QAM	13.21	13.30	13.26	14.00
	100	LOW	64QAM	13.13	13.11	13.01	14.00

LTE B7-Full Power -Ant.0

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.46	22.45	22.43	23.50
		MID	QPSK	22.51	**22.53**	22.49	23.50
		HIGH	QPSK	22.42	22.45	22.39	23.50
	12	LOW	QPSK	21.56	21.52	21.55	22.50
		MID	QPSK	21.55	21.51	21.56	22.50
		HIGH	QPSK	21.55	21.58	21.53	22.50
	25	LOW	QPSK	21.54	21.54	21.58	22.50
5	1	LOW	Q16	21.69	22.00	21.76	22.50
		MID	Q16	21.79	22.05	21.67	22.50
		HIGH	Q16	21.70	22.01	21.47	22.50
	12	LOW	Q16	20.68	20.71	20.70	21.50
		MID	Q16	20.67	20.70	20.66	21.50
		HIGH	Q16	20.67	20.80	20.65	21.50
	25	LOW	Q16	20.60	20.61	20.55	21.50
5	1	LOW	64QAM	20.54	20.98	20.81	21.50
		MID	64QAM	20.73	21.08	20.53	21.50
		HIGH	64QAM	20.57	21.08	20.33	21.50
	12	LOW	64QAM	19.70	19.82	19.81	20.50
		MID	64QAM	19.78	19.77	19.52	20.50
		HIGH	64QAM	19.66	19.93	19.64	20.50
	25	LOW	64QAM	19.72	19.53	19.44	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**22.49**	22.38	22.46	23.50
		MID	QPSK	22.44	22.44	22.44	23.50
		HIGH	QPSK	22.42	22.41	22.46	23.50
	25	LOW	QPSK	21.60	21.52	21.53	22.50
		MID	QPSK	21.65	21.59	21.58	22.50
		HIGH	QPSK	21.58	21.66	21.64	22.50
	50	LOW	QPSK	21.63	21.59	21.55	22.50
10	1	LOW	Q16	21.48	21.90	21.65	22.50
		MID	Q16	21.43	21.90	21.52	22.50
		HIGH	Q16	21.46	21.94	21.36	22.50
	25	LOW	Q16	20.68	20.66	20.62	21.50
		MID	Q16	20.68	20.66	20.72	21.50
		HIGH	Q16	20.63	20.73	20.73	21.50
	50	LOW	Q16	20.59	20.64	20.59	21.50
10	1	LOW	64QAM	20.37	20.81	20.50	21.50
		MID	64QAM	20.45	20.82	20.46	21.50
		HIGH	64QAM	20.58	21.08	20.49	21.50
	25	LOW	64QAM	19.61	19.59	19.71	20.50
		MID	64QAM	19.57	19.73	19.71	20.50
		HIGH	64QAM	19.73	19.58	19.71	20.50
	50	LOW	64QAM	19.54	19.67	19.52	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**22.58**	22.50	22.50	23.50
		MID	QPSK	22.52	22.53	22.51	23.50
		HIGH	QPSK	22.55	22.44	22.43	23.50
	36	LOW	QPSK	21.57	21.57	21.56	22.50
		MID	QPSK	21.67	21.58	21.65	22.50
		HIGH	QPSK	21.63	21.63	21.62	22.50
	75	LOW	QPSK	21.62	21.55	21.61	22.50
15	1	LOW	Q16	21.55	22.02	21.94	22.50
		MID	Q16	21.56	22.00	22.20	22.50
		HIGH	Q16	21.47	21.96	21.61	22.50
	36	LOW	Q16	20.56	20.68	20.53	21.50
		MID	Q16	20.66	20.66	20.64	21.50
		HIGH	Q16	20.61	20.67	20.61	21.50
	75	LOW	Q16	20.66	20.62	20.60	21.50
15	1	LOW	64QAM	20.44	21.05	20.79	21.50
		MID	64QAM	20.71	21.07	21.21	21.50
		HIGH	64QAM	20.51	21.04	20.64	21.50
	36	LOW	64QAM	19.47	19.76	19.61	20.50
		MID	64QAM	19.53	19.62	19.51	20.50
		HIGH	64QAM	19.53	19.63	19.71	20.50
	75	LOW	64QAM	19.60	19.67	19.46	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.55	**22.59**	22.41	23.50
		MID	QPSK	22.52	22.53	22.48	23.50
		HIGH	QPSK	22.56	22.45	22.44	23.50
	50	LOW	QPSK	21.62	**21.65**	21.57	22.50
		MID	QPSK	21.60	21.57	21.56	22.50
		HIGH	QPSK	21.62	21.62	21.62	22.50
	100	LOW	QPSK	21.68	21.58	21.52	22.50
20	1	LOW	Q16	**22.18**	22.11	21.94	22.50
		MID	Q16	22.14	22.06	21.94	22.50
		HIGH	Q16	22.10	22.07	21.92	22.50
	50	LOW	Q16	20.59	20.62	20.54	21.50
		MID	Q16	20.70	20.63	20.54	21.50
		HIGH	Q16	20.65	20.67	20.60	21.50
	100	LOW	Q16	20.71	20.61	20.54	21.50
20	1	LOW	64QAM	21.16	20.97	21.00	21.50
		MID	64QAM	21.08	20.93	21.04	21.50
		HIGH	64QAM	20.95	20.97	21.03	21.50
	50	LOW	64QAM	19.57	19.63	19.50	20.50
		MID	64QAM	19.66	19.75	19.51	20.50
		HIGH	64QAM	19.56	19.71	19.58	20.50
	100	LOW	64QAM	19.84	19.73	19.67	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.29	21.19	21.32	22.00
		MID	QPSK	21.40	21.10	21.29	22.00
		HIGH	QPSK	21.14	21.01	21.24	22.00
	12	LOW	QPSK	21.40	21.23	21.19	22.00
		MID	QPSK	21.46	21.34	21.43	22.00
		HIGH	QPSK	21.30	21.43	21.15	22.00
	25	LOW	QPSK	21.47	21.46	21.31	22.00
5	1	LOW	Q16	21.67	21.54	21.63	22.00
		MID	Q16	21.54	21.59	21.64	22.00
		HIGH	Q16	21.45	21.35	**21.71**	22.00
	12	LOW	Q16	20.74	20.74	20.79	21.50
		MID	Q16	20.76	20.82	20.85	21.50
		HIGH	Q16	20.70	20.79	20.80	21.50
	25	LOW	Q16	20.82	20.81	20.69	21.50
5	1	LOW	64QAM	21.16	21.18	21.24	21.50
		MID	64QAM	21.23	21.30	21.38	21.50
		HIGH	64QAM	21.17	21.25	21.31	21.50
	12	LOW	64QAM	19.94	19.68	19.90	20.50
		MID	64QAM	19.74	19.75	19.68	20.50
		HIGH	64QAM	19.88	19.71	20.01	20.50
	25	LOW	64QAM	19.81	19.77	19.73	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.18	21.30	21.31	22.00
		MID	QPSK	21.25	21.17	21.24	22.00
		HIGH	QPSK	21.22	21.19	21.18	22.00
	25	LOW	QPSK	21.42	21.41	21.36	22.00
		MID	QPSK	21.45	21.38	21.39	22.00
		HIGH	QPSK	21.30	21.23	21.37	22.00
	50	LOW	QPSK	21.35	21.24	21.11	22.00
10	1	LOW	Q16	21.50	21.68	**21.74**	22.00
		MID	Q16	21.64	21.63	21.62	22.00
		HIGH	Q16	21.56	21.57	21.62	22.00
	25	LOW	Q16	20.93	20.79	20.90	21.50
		MID	Q16	20.75	20.92	20.82	21.50
		HIGH	Q16	20.98	20.96	20.96	21.50
	50	LOW	Q16	20.75	20.95	20.68	21.50
10	1	LOW	64QAM	21.20	21.15	21.23	21.50
		MID	64QAM	21.04	21.37	21.18	21.50
		HIGH	64QAM	21.29	21.10	21.43	21.50
	25	LOW	64QAM	19.97	19.87	19.77	20.50
		MID	64QAM	20.01	19.66	19.86	20.50
		HIGH	64QAM	19.71	19.70	20.00	20.50
	50	LOW	64QAM	19.86	19.86	19.74	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.42	21.30	21.20	22.00
		MID	QPSK	21.24	21.37	21.05	22.00
		HIGH	QPSK	21.27	21.16	21.25	22.00
	36	LOW	QPSK	21.42	21.32	21.29	22.00
		MID	QPSK	21.39	21.26	21.30	22.00
		HIGH	QPSK	21.41	21.51	21.19	22.00
	75	LOW	QPSK	21.44	21.24	21.31	22.00
15	1	LOW	Q16	21.62	**21.76**	21.57	22.00
		MID	Q16	21.58	21.62	21.37	22.00
		HIGH	Q16	21.59	21.56	21.73	22.00
	36	LOW	Q16	20.98	20.77	20.86	21.50
		MID	Q16	20.75	20.82	20.76	21.50
		HIGH	Q16	20.92	20.83	20.74	21.50
	75	LOW	Q16	20.94	20.73	20.80	21.50
15	1	LOW	64QAM	21.27	21.34	21.20	21.50
		MID	64QAM	21.20	21.07	21.24	21.50
		HIGH	64QAM	21.39	21.07	21.21	21.50
	36	LOW	64QAM	19.73	19.86	19.91	20.50
		MID	64QAM	19.79	19.83	19.69	20.50
		HIGH	64QAM	19.92	19.82	19.76	20.50
	75	LOW	64QAM	19.94	19.73	19.92	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.30	**21.31**	21.21	22.00
		MID	QPSK	21.30	21.22	21.20	22.00
		HIGH	QPSK	21.18	21.15	21.20	22.00
	50	LOW	QPSK	21.33	21.31	21.26	22.00
		MID	QPSK	21.31	**21.39**	21.30	22.00
		HIGH	QPSK	21.34	21.36	21.30	22.00
	100	LOW	QPSK	21.35	21.31	21.25	22.00
20	1	LOW	Q16	**21.77**	21.70	21.64	22.00
		MID	Q16	21.68	21.72	21.59	22.00
		HIGH	Q16	21.54	21.50	21.65	22.00
	50	LOW	Q16	20.86	20.76	20.78	21.50
		MID	Q16	20.86	20.80	20.80	21.50
		HIGH	Q16	20.84	20.85	20.87	21.50
	100	LOW	Q16	20.90	20.80	20.79	21.50
20	1	LOW	64QAM	21.30	21.30	21.39	21.50
		MID	64QAM	21.10	21.10	21.37	21.50
		HIGH	64QAM	21.27	21.23	21.34	21.50
	50	LOW	64QAM	19.74	19.88	19.71	20.50
		MID	64QAM	19.72	19.78	19.66	20.50
		HIGH	64QAM	19.94	19.70	20.01	20.50
	100	LOW	64QAM	19.82	19.73	19.66	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.46	22.45	22.43	23.50
		MID	QPSK	22.51	**22.53**	22.49	23.50
		HIGH	QPSK	22.42	22.45	22.39	23.50
	12	LOW	QPSK	21.56	21.52	21.55	22.50
		MID	QPSK	21.55	21.51	21.56	22.50
		HIGH	QPSK	21.55	21.58	21.53	22.50
	25	LOW	QPSK	21.54	21.54	21.58	22.50
5	1	LOW	Q16	21.69	22.00	21.76	22.50
		MID	Q16	21.79	22.05	21.67	22.50
		HIGH	Q16	21.70	22.01	21.47	22.50
	12	LOW	Q16	20.68	20.71	20.70	21.50
		MID	Q16	20.67	20.70	20.66	21.50
		HIGH	Q16	20.67	20.80	20.65	21.50
	25	LOW	Q16	20.60	20.61	20.55	21.50
5	1	LOW	64QAM	20.54	20.98	20.81	21.50
		MID	64QAM	20.73	21.08	20.53	21.50
		HIGH	64QAM	20.57	21.08	20.33	21.50
	12	LOW	64QAM	19.70	19.82	19.81	20.50
		MID	64QAM	19.78	19.77	19.52	20.50
		HIGH	64QAM	19.66	19.93	19.64	20.50
	25	LOW	64QAM	19.72	19.53	19.44	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**22.49**	22.38	22.46	23.50
		MID	QPSK	22.44	22.44	22.44	23.50
		HIGH	QPSK	22.42	22.41	22.46	23.50
	25	LOW	QPSK	21.60	21.52	21.53	22.50
		MID	QPSK	21.65	21.59	21.58	22.50
		HIGH	QPSK	21.58	21.66	21.64	22.50
	50	LOW	QPSK	21.63	21.59	21.55	22.50
10	1	LOW	Q16	21.48	21.90	21.65	22.50
		MID	Q16	21.43	21.90	21.52	22.50
		HIGH	Q16	21.46	21.94	21.36	22.50
	25	LOW	Q16	20.68	20.66	20.62	21.50
		MID	Q16	20.68	20.66	20.72	21.50
		HIGH	Q16	20.63	20.73	20.73	21.50
	50	LOW	Q16	20.59	20.64	20.59	21.50
10	1	LOW	64QAM	20.37	20.81	20.50	21.50
		MID	64QAM	20.45	20.82	20.46	21.50
		HIGH	64QAM	20.58	21.08	20.49	21.50
	25	LOW	64QAM	19.61	19.59	19.71	20.50
		MID	64QAM	19.57	19.73	19.71	20.50
		HIGH	64QAM	19.73	19.58	19.71	20.50
	50	LOW	64QAM	19.54	19.67	19.52	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**22.58**	22.50	22.50	23.50
		MID	QPSK	22.52	22.53	22.51	23.50
		HIGH	QPSK	22.55	22.44	22.43	23.50
	36	LOW	QPSK	21.57	21.57	21.56	22.50
		MID	QPSK	21.67	21.58	21.65	22.50
		HIGH	QPSK	21.63	21.63	21.62	22.50
	75	LOW	QPSK	21.62	21.55	21.61	22.50
15	1	LOW	Q16	21.55	22.02	21.94	22.50
		MID	Q16	21.56	22.00	22.20	22.50
		HIGH	Q16	21.47	21.96	21.61	22.50
	36	LOW	Q16	20.56	20.68	20.53	21.50
		MID	Q16	20.66	20.66	20.64	21.50
		HIGH	Q16	20.61	20.67	20.61	21.50
	75	LOW	Q16	20.66	20.62	20.60	21.50
15	1	LOW	64QAM	20.44	21.05	20.79	21.50
		MID	64QAM	20.71	21.07	21.21	21.50
		HIGH	64QAM	20.51	21.04	20.64	21.50
	36	LOW	64QAM	19.47	19.76	19.61	20.50
		MID	64QAM	19.53	19.62	19.51	20.50
		HIGH	64QAM	19.53	19.63	19.71	20.50
	75	LOW	64QAM	19.60	19.67	19.46	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.55	**22.59**	22.41	23.50
		MID	QPSK	22.52	22.53	22.48	23.50
		HIGH	QPSK	22.56	22.45	22.44	23.50
	50	LOW	QPSK	21.62	**21.65**	21.57	22.50
		MID	QPSK	21.60	21.57	21.56	22.50
		HIGH	QPSK	21.62	21.62	21.62	22.50
	100	LOW	QPSK	21.68	21.58	21.52	22.50
20	1	LOW	Q16	**22.18**	22.11	21.94	22.50
		MID	Q16	22.14	22.06	21.94	22.50
		HIGH	Q16	22.10	22.07	21.92	22.50
	50	LOW	Q16	20.59	20.62	20.54	21.50
		MID	Q16	20.70	20.63	20.54	21.50
		HIGH	Q16	20.65	20.67	20.60	21.50
	100	LOW	Q16	20.71	20.61	20.54	21.50
20	1	LOW	64QAM	21.16	20.97	21.00	21.50
		MID	64QAM	21.08	20.93	21.04	21.50
		HIGH	64QAM	20.95	20.97	21.03	21.50
	50	LOW	64QAM	19.57	19.63	19.50	20.50
		MID	64QAM	19.66	19.75	19.51	20.50
		HIGH	64QAM	19.56	19.71	19.58	20.50
	100	LOW	64QAM	19.84	19.73	19.67	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.10	19.28	19.32	20.00
		MID	QPSK	19.30	19.09	19.16	20.00
		HIGH	QPSK	19.20	18.99	19.42	20.00
	12	LOW	QPSK	19.18	19.37	19.34	20.00
		MID	QPSK	19.34	19.25	19.40	20.00
		HIGH	QPSK	19.39	19.27	19.17	20.00
	25	LOW	QPSK	19.37	19.19	19.24	20.00
5	1	LOW	Q16	19.54	19.53	19.50	20.00
		MID	Q16	19.66	19.53	19.47	20.00
		HIGH	Q16	19.69	19.31	19.54	20.00
	12	LOW	Q16	19.13	19.13	19.25	20.00
		MID	Q16	19.25	19.24	19.24	20.00
		HIGH	Q16	19.19	19.41	19.33	20.00
	25	LOW	Q16	19.27	19.22	19.18	20.00
5	1	LOW	64QAM	19.53	19.52	**19.72**	20.00
		MID	64QAM	19.54	19.54	19.59	20.00
		HIGH	64QAM	19.45	19.34	19.52	20.00
	12	LOW	64QAM	19.18	19.24	19.24	20.00
		MID	64QAM	19.26	19.44	19.44	20.00
		HIGH	64QAM	19.17	19.42	19.39	20.00
	25	LOW	64QAM	19.38	19.13	19.30	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.21	19.24	19.07	20.00
		MID	QPSK	19.23	19.30	19.35	20.00
		HIGH	QPSK	19.23	19.03	19.19	20.00
	25	LOW	QPSK	19.11	19.13	19.28	20.00
		MID	QPSK	19.35	19.14	19.37	20.00
		HIGH	QPSK	19.15	19.24	19.28	20.00
	50	LOW	QPSK	19.23	19.16	19.30	20.00
10	1	LOW	Q16	19.45	19.54	19.47	20.00
		MID	Q16	19.59	19.47	19.43	20.00
		HIGH	Q16	19.59	19.46	19.50	20.00
	25	LOW	Q16	19.19	19.29	19.37	20.00
		MID	Q16	19.30	19.17	19.17	20.00
		HIGH	Q16	19.19	19.32	19.26	20.00
	50	LOW	Q16	19.21	19.33	19.46	20.00
10	1	LOW	64QAM	19.46	19.57	19.45	20.00
		MID	64QAM	19.55	**19.71**	19.45	20.00
		HIGH	64QAM	19.65	19.34	19.64	20.00
	25	LOW	64QAM	19.19	19.33	19.22	20.00
		MID	64QAM	19.35	19.31	19.24	20.00
		HIGH	64QAM	19.38	19.16	19.51	20.00
	50	LOW	64QAM	19.41	19.29	19.32	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.25	19.04	19.16	20.00
		MID	QPSK	19.12	19.15	19.32	20.00
		HIGH	QPSK	19.12	19.13	19.26	20.00
	36	LOW	QPSK	19.11	19.25	19.09	20.00
		MID	QPSK	19.36	19.35	19.32	20.00
		HIGH	QPSK	19.42	19.29	19.23	20.00
	75	LOW	QPSK	19.37	19.40	19.11	20.00
15	1	LOW	Q16	19.68	19.42	19.56	20.00
		MID	Q16	19.52	19.62	19.45	20.00
		HIGH	Q16	19.61	19.61	19.50	20.00
	36	LOW	Q16	19.28	19.21	19.35	20.00
		MID	Q16	19.42	19.19	19.20	20.00
		HIGH	Q16	19.18	19.21	19.36	20.00
	75	LOW	Q16	19.20	19.13	19.25	20.00
15	1	LOW	64QAM	**19.74**	19.36	19.57	20.00
		MID	64QAM	19.61	19.48	19.59	20.00
		HIGH	64QAM	19.39	19.55	**19.74**	20.00
	36	LOW	64QAM	19.18	19.37	19.38	20.00
		MID	64QAM	19.36	19.32	19.25	20.00
		HIGH	64QAM	19.25	19.32	19.34	20.00
	75	LOW	64QAM	19.32	19.30	19.43	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.22	**19.27**	19.20	20.00
		MID	QPSK	19.21	19.20	19.20	20.00
		HIGH	QPSK	19.18	19.13	19.17	20.00
	50	LOW	QPSK	19.26	**19.34**	19.24	20.00
		MID	QPSK	19.27	19.28	19.25	20.00
		HIGH	QPSK	19.27	19.33	19.32	20.00
	100	LOW	QPSK	19.31	19.29	19.25	20.00
20	1	LOW	Q16	19.59	19.49	19.62	20.00
		MID	Q16	19.52	19.62	19.58	20.00
		HIGH	Q16	19.54	19.61	19.64	20.00
	50	LOW	Q16	19.27	19.25	19.29	20.00
		MID	Q16	19.37	19.32	19.31	20.00
		HIGH	Q16	19.30	19.31	19.40	20.00
	100	LOW	Q16	19.33	19.28	19.31	20.00
20	1	LOW	64QAM	19.51	19.43	19.65	20.00
		MID	64QAM	19.54	19.57	19.48	20.00
		HIGH	64QAM	19.44	19.63	**19.69**	20.00
	50	LOW	64QAM	19.36	19.23	19.18	20.00
		MID	64QAM	19.28	19.31	19.23	20.00
		HIGH	64QAM	19.28	19.27	19.43	20.00
	100	LOW	64QAM	19.28	19.36	19.26	20.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.46	22.45	22.43	23.50
		MID	QPSK	22.51	22.53	22.49	23.50
		HIGH	QPSK	22.42	22.45	22.39	23.50
	12	LOW	QPSK	21.56	21.52	21.55	22.50
		MID	QPSK	21.55	21.51	21.56	22.50
		HIGH	QPSK	21.55	21.58	21.53	22.50
	25	LOW	QPSK	21.54	21.54	21.58	22.50
5	1	LOW	Q16	21.69	22.00	21.76	22.50
		MID	Q16	21.79	22.05	21.67	22.50
		HIGH	Q16	21.70	22.01	21.47	22.50
	12	LOW	Q16	20.68	20.71	20.70	21.50
		MID	Q16	20.67	20.70	20.66	21.50
		HIGH	Q16	20.67	20.80	20.65	21.50
	25	LOW	Q16	20.60	20.61	20.55	21.50
5	1	LOW	64QAM	20.54	20.98	20.81	21.50
		MID	64QAM	20.73	21.08	20.53	21.50
		HIGH	64QAM	20.57	21.08	20.33	21.50
	12	LOW	64QAM	19.70	19.82	19.81	20.50
		MID	64QAM	19.78	19.77	19.52	20.50
		HIGH	64QAM	19.66	19.93	19.64	20.50
	25	LOW	64QAM	19.72	19.53	19.44	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.49	22.38	22.46	23.50
		MID	QPSK	22.44	22.44	22.44	23.50
		HIGH	QPSK	22.42	22.41	22.46	23.50
	25	LOW	QPSK	21.60	21.52	21.53	22.50
		MID	QPSK	21.65	21.59	21.58	22.50
		HIGH	QPSK	21.58	21.66	21.64	22.50
	50	LOW	QPSK	21.63	21.59	21.55	22.50
10	1	LOW	Q16	21.48	21.90	21.65	22.50
		MID	Q16	21.43	21.90	21.52	22.50
		HIGH	Q16	21.46	21.94	21.36	22.50
	25	LOW	Q16	20.68	20.66	20.62	21.50
		MID	Q16	20.68	20.66	20.72	21.50
		HIGH	Q16	20.63	20.73	20.73	21.50
	50	LOW	Q16	20.59	20.64	20.59	21.50
10	1	LOW	64QAM	20.37	20.81	20.50	21.50
		MID	64QAM	20.45	20.82	20.46	21.50
		HIGH	64QAM	20.58	21.08	20.49	21.50
	25	LOW	64QAM	19.61	19.59	19.71	20.50
		MID	64QAM	19.57	19.73	19.71	20.50
		HIGH	64QAM	19.73	19.58	19.71	20.50
	50	LOW	64QAM	19.54	19.67	19.52	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.58	22.50	22.50	23.50
		MID	QPSK	22.52	22.53	22.51	23.50
		HIGH	QPSK	22.55	22.44	22.43	23.50
	36	LOW	QPSK	21.57	21.57	21.56	22.50
		MID	QPSK	21.67	21.58	21.65	22.50
		HIGH	QPSK	21.63	21.63	21.62	22.50
	75	LOW	QPSK	21.62	21.55	21.61	22.50
15	1	LOW	Q16	21.55	22.02	21.94	22.50
		MID	Q16	21.56	22.00	22.20	22.50
		HIGH	Q16	21.47	21.96	21.61	22.50
	36	LOW	Q16	20.56	20.68	20.53	21.50
		MID	Q16	20.66	20.66	20.64	21.50
		HIGH	Q16	20.61	20.67	20.61	21.50
	75	LOW	Q16	20.66	20.62	20.60	21.50
15	1	LOW	64QAM	20.44	21.05	20.79	21.50
		MID	64QAM	20.71	21.07	21.21	21.50
		HIGH	64QAM	20.51	21.04	20.64	21.50
	36	LOW	64QAM	19.47	19.76	19.61	20.50
		MID	64QAM	19.53	19.62	19.51	20.50
		HIGH	64QAM	19.53	19.63	19.71	20.50
	75	LOW	64QAM	19.60	19.67	19.46	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.55	**22.59**	22.41	23.50
		MID	QPSK	22.52	22.53	22.48	23.50
		HIGH	QPSK	22.56	22.45	22.44	23.50
	50	LOW	QPSK	21.62	**21.65**	21.57	22.50
		MID	QPSK	21.60	21.57	21.56	22.50
		HIGH	QPSK	21.62	21.62	21.62	22.50
	100	LOW	QPSK	21.68	21.58	21.52	22.50
20	1	LOW	Q16	**22.18**	22.11	21.94	22.50
		MID	Q16	22.14	22.06	21.94	22.50
		HIGH	Q16	22.10	22.07	21.92	22.50
	50	LOW	Q16	20.59	20.62	20.54	21.50
		MID	Q16	20.70	20.63	20.54	21.50
		HIGH	Q16	20.65	20.67	20.60	21.50
	100	LOW	Q16	20.71	20.61	20.54	21.50
20	1	LOW	64QAM	21.16	20.97	21.00	21.50
		MID	64QAM	21.08	20.93	21.04	21.50
		HIGH	64QAM	20.95	20.97	21.03	21.50
	50	LOW	64QAM	19.57	19.63	19.50	20.50
		MID	64QAM	19.66	19.75	19.51	20.50
		HIGH	64QAM	19.56	19.71	19.58	20.50
	100	LOW	64QAM	19.84	19.73	19.67	20.50

LTE B7-Full Power -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.46	22.45	22.43	23.50
		MID	QPSK	22.51	**22.53**	22.49	23.50
		HIGH	QPSK	22.42	22.45	22.39	23.50
	12	LOW	QPSK	21.56	21.52	21.55	22.50
		MID	QPSK	21.55	21.51	21.56	22.50
		HIGH	QPSK	21.55	21.58	21.53	22.50
	25	LOW	QPSK	21.54	21.54	21.58	22.50
5	1	LOW	Q16	21.69	22.00	21.76	22.50
		MID	Q16	21.79	22.05	21.67	22.50
		HIGH	Q16	21.70	22.01	21.47	22.50
	12	LOW	Q16	20.68	20.71	20.70	21.50
		MID	Q16	20.67	20.70	20.66	21.50
		HIGH	Q16	20.67	20.80	20.65	21.50
	25	LOW	Q16	20.60	20.61	20.55	21.50
5	1	LOW	64QAM	20.54	20.98	20.81	21.50
		MID	64QAM	20.73	21.08	20.53	21.50
		HIGH	64QAM	20.57	21.08	20.33	21.50
	12	LOW	64QAM	19.70	19.82	19.81	20.50
		MID	64QAM	19.78	19.77	19.52	20.50
		HIGH	64QAM	19.66	19.93	19.64	20.50
	25	LOW	64QAM	19.72	19.53	19.44	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**22.49**	22.38	22.46	23.50
		MID	QPSK	22.44	22.44	22.44	23.50
		HIGH	QPSK	22.42	22.41	22.46	23.50
	25	LOW	QPSK	21.60	21.52	21.53	22.50
		MID	QPSK	21.65	21.59	21.58	22.50
		HIGH	QPSK	21.58	21.66	21.64	22.50
	50	LOW	QPSK	21.63	21.59	21.55	22.50
10	1	LOW	Q16	21.48	21.90	21.65	22.50
		MID	Q16	21.43	21.90	21.52	22.50
		HIGH	Q16	21.46	21.94	21.36	22.50
	25	LOW	Q16	20.68	20.66	20.62	21.50
		MID	Q16	20.68	20.66	20.72	21.50
		HIGH	Q16	20.63	20.73	20.73	21.50
	50	LOW	Q16	20.59	20.64	20.59	21.50
10	1	LOW	64QAM	20.37	20.81	20.50	21.50
		MID	64QAM	20.45	20.82	20.46	21.50
		HIGH	64QAM	20.58	21.08	20.49	21.50
	25	LOW	64QAM	19.61	19.59	19.71	20.50
		MID	64QAM	19.57	19.73	19.71	20.50
		HIGH	64QAM	19.73	19.58	19.71	20.50
	50	LOW	64QAM	19.54	19.67	19.52	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**22.58**	22.50	22.50	23.50
		MID	QPSK	22.52	22.53	22.51	23.50
		HIGH	QPSK	22.55	22.44	22.43	23.50
	36	LOW	QPSK	21.57	21.57	21.56	22.50
		MID	QPSK	21.67	21.58	21.65	22.50
		HIGH	QPSK	21.63	21.63	21.62	22.50
	75	LOW	QPSK	21.62	21.55	21.61	22.50
15	1	LOW	Q16	21.55	22.02	21.94	22.50
		MID	Q16	21.56	22.00	22.20	22.50
		HIGH	Q16	21.47	21.96	21.61	22.50
	36	LOW	Q16	20.56	20.68	20.53	21.50
		MID	Q16	20.66	20.66	20.64	21.50
		HIGH	Q16	20.61	20.67	20.61	21.50
	75	LOW	Q16	20.66	20.62	20.60	21.50
15	1	LOW	64QAM	20.44	21.05	20.79	21.50
		MID	64QAM	20.71	21.07	21.21	21.50
		HIGH	64QAM	20.51	21.04	20.64	21.50
	36	LOW	64QAM	19.47	19.76	19.61	20.50
		MID	64QAM	19.53	19.62	19.51	20.50
		HIGH	64QAM	19.53	19.63	19.71	20.50
	75	LOW	64QAM	19.60	19.67	19.46	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.55	**22.59**	22.41	23.50
		MID	QPSK	22.52	22.53	22.48	23.50
		HIGH	QPSK	22.56	22.45	22.44	23.50
	50	LOW	QPSK	21.62	**21.65**	21.57	22.50
		MID	QPSK	21.60	21.57	21.56	22.50
		HIGH	QPSK	21.62	21.62	21.62	22.50
	100	LOW	QPSK	21.68	21.58	21.52	22.50
20	1	LOW	Q16	**22.18**	22.11	21.94	22.50
		MID	Q16	22.14	22.06	21.94	22.50
		HIGH	Q16	22.10	22.07	21.92	22.50
	50	LOW	Q16	20.59	20.62	20.54	21.50
		MID	Q16	20.70	20.63	20.54	21.50
		HIGH	Q16	20.65	20.67	20.60	21.50
	100	LOW	Q16	20.71	20.61	20.54	21.50
20	1	LOW	64QAM	21.16	20.97	21.00	21.50
		MID	64QAM	21.08	20.93	21.04	21.50
		HIGH	64QAM	20.95	20.97	21.03	21.50
	50	LOW	64QAM	19.57	19.63	19.50	20.50
		MID	64QAM	19.66	19.75	19.51	20.50
		HIGH	64QAM	19.56	19.71	19.58	20.50
	100	LOW	64QAM	19.84	19.73	19.67	20.50

LTE B7-State 17 -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.29	21.19	21.32	22.00
		MID	QPSK	21.40	21.10	21.29	22.00
		HIGH	QPSK	21.14	21.01	21.24	22.00
	12	LOW	QPSK	21.40	21.23	21.19	22.00
		MID	QPSK	21.46	21.34	21.43	22.00
		HIGH	QPSK	21.30	21.43	21.15	22.00
	25	LOW	QPSK	21.47	21.46	21.31	22.00
5	1	LOW	Q16	21.67	21.54	21.63	22.00
		MID	Q16	21.54	21.59	21.64	22.00
		HIGH	Q16	21.45	21.35	**21.71**	22.00
	12	LOW	Q16	20.74	20.74	20.79	21.50
		MID	Q16	20.76	20.82	20.85	21.50
		HIGH	Q16	20.70	20.79	20.80	21.50
	25	LOW	Q16	20.82	20.81	20.69	21.50
5	1	LOW	64QAM	21.16	21.18	21.24	21.50
		MID	64QAM	21.23	21.30	21.38	21.50
		HIGH	64QAM	21.17	21.25	21.31	21.50
	12	LOW	64QAM	19.94	19.68	19.90	20.50
		MID	64QAM	19.74	19.75	19.68	20.50
		HIGH	64QAM	19.88	19.71	20.01	20.50
	25	LOW	64QAM	19.81	19.77	19.73	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.18	21.30	21.31	22.00
		MID	QPSK	21.25	21.17	21.24	22.00
		HIGH	QPSK	21.22	21.19	21.18	22.00
	25	LOW	QPSK	21.42	21.41	21.36	22.00
		MID	QPSK	21.45	21.38	21.39	22.00
		HIGH	QPSK	21.30	21.23	21.37	22.00
	50	LOW	QPSK	21.35	21.24	21.11	22.00
10	1	LOW	Q16	21.50	21.68	**21.74**	22.00
		MID	Q16	21.64	21.63	21.62	22.00
		HIGH	Q16	21.56	21.57	21.62	22.00
	25	LOW	Q16	20.93	20.79	20.90	21.50
		MID	Q16	20.75	20.92	20.82	21.50
		HIGH	Q16	20.98	20.96	20.96	21.50
	50	LOW	Q16	20.75	20.95	20.68	21.50
10	1	LOW	64QAM	21.20	21.15	21.23	21.50
		MID	64QAM	21.04	21.37	21.18	21.50
		HIGH	64QAM	21.29	21.10	21.43	21.50
	25	LOW	64QAM	19.97	19.87	19.77	20.50
		MID	64QAM	20.01	19.66	19.86	20.50
		HIGH	64QAM	19.71	19.70	20.00	20.50
	50	LOW	64QAM	19.86	19.86	19.74	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.42	21.30	21.20	22.00
		MID	QPSK	21.24	21.37	21.05	22.00
		HIGH	QPSK	21.27	21.16	21.25	22.00
	36	LOW	QPSK	21.42	21.32	21.29	22.00
		MID	QPSK	21.39	21.26	21.30	22.00
		HIGH	QPSK	21.41	21.51	21.19	22.00
	75	LOW	QPSK	21.44	21.24	21.31	22.00
15	1	LOW	Q16	21.62	**21.76**	21.57	22.00
		MID	Q16	21.58	21.62	21.37	22.00
		HIGH	Q16	21.59	21.56	21.73	22.00
	36	LOW	Q16	20.98	20.77	20.86	21.50
		MID	Q16	20.75	20.82	20.76	21.50
		HIGH	Q16	20.92	20.83	20.74	21.50
	75	LOW	Q16	20.94	20.73	20.80	21.50
15	1	LOW	64QAM	21.27	21.34	21.20	21.50
		MID	64QAM	21.20	21.07	21.24	21.50
		HIGH	64QAM	21.39	21.07	21.21	21.50
	36	LOW	64QAM	19.73	19.86	19.91	20.50
		MID	64QAM	19.79	19.83	19.69	20.50
		HIGH	64QAM	19.92	19.82	19.76	20.50
	75	LOW	64QAM	19.94	19.73	19.92	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.30	**21.31**	21.21	22.00
		MID	QPSK	21.30	21.22	21.20	22.00
		HIGH	QPSK	21.18	21.15	21.20	22.00
	50	LOW	QPSK	21.33	21.31	21.26	22.00
		MID	QPSK	21.31	**21.39**	21.30	22.00
		HIGH	QPSK	21.34	21.36	21.30	22.00
	100	LOW	QPSK	21.35	21.31	21.25	22.00
20	1	LOW	Q16	**21.77**	21.70	21.64	22.00
		MID	Q16	21.68	21.72	21.59	22.00
		HIGH	Q16	21.54	21.50	21.65	22.00
	50	LOW	Q16	20.86	20.76	20.78	21.50
		MID	Q16	20.86	20.80	20.80	21.50
		HIGH	Q16	20.84	20.85	20.87	21.50
	100	LOW	Q16	20.90	20.80	20.79	21.50
20	1	LOW	64QAM	21.30	21.30	21.39	21.50
		MID	64QAM	21.10	21.10	21.37	21.50
		HIGH	64QAM	21.27	21.23	21.34	21.50
	50	LOW	64QAM	19.74	19.88	19.71	20.50
		MID	64QAM	19.72	19.78	19.66	20.50
		HIGH	64QAM	19.94	19.70	20.01	20.50
	100	LOW	64QAM	19.82	19.73	19.66	20.50

LTE B7-State 18 -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.46	22.45	22.43	23.50
		MID	QPSK	22.51	**22.53**	22.49	23.50
		HIGH	QPSK	22.42	22.45	22.39	23.50
	12	LOW	QPSK	21.56	21.52	21.55	22.50
		MID	QPSK	21.55	21.51	21.56	22.50
		HIGH	QPSK	21.55	21.58	21.53	22.50
	25	LOW	QPSK	21.54	21.54	21.58	22.50
5	1	LOW	Q16	21.69	22.00	21.76	22.50
		MID	Q16	21.79	22.05	21.67	22.50
		HIGH	Q16	21.70	22.01	21.47	22.50
	12	LOW	Q16	20.68	20.71	20.70	21.50
		MID	Q16	20.67	20.70	20.66	21.50
		HIGH	Q16	20.67	20.80	20.65	21.50
	25	LOW	Q16	20.60	20.61	20.55	21.50
5	1	LOW	64QAM	20.54	20.98	20.81	21.50
		MID	64QAM	20.73	21.08	20.53	21.50
		HIGH	64QAM	20.57	21.08	20.33	21.50
	12	LOW	64QAM	19.70	19.82	19.81	20.50
		MID	64QAM	19.78	19.77	19.52	20.50
		HIGH	64QAM	19.66	19.93	19.64	20.50
	25	LOW	64QAM	19.72	19.53	19.44	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**22.49**	22.38	22.46	23.50
		MID	QPSK	22.44	22.44	22.44	23.50
		HIGH	QPSK	22.42	22.41	22.46	23.50
	25	LOW	QPSK	21.60	21.52	21.53	22.50
		MID	QPSK	21.65	21.59	21.58	22.50
		HIGH	QPSK	21.58	21.66	21.64	22.50
	50	LOW	QPSK	21.63	21.59	21.55	22.50
10	1	LOW	Q16	21.48	21.90	21.65	22.50
		MID	Q16	21.43	21.90	21.52	22.50
		HIGH	Q16	21.46	21.94	21.36	22.50
	25	LOW	Q16	20.68	20.66	20.62	21.50
		MID	Q16	20.68	20.66	20.72	21.50
		HIGH	Q16	20.63	20.73	20.73	21.50
	50	LOW	Q16	20.59	20.64	20.59	21.50
10	1	LOW	64QAM	20.37	20.81	20.50	21.50
		MID	64QAM	20.45	20.82	20.46	21.50
		HIGH	64QAM	20.58	21.08	20.49	21.50
	25	LOW	64QAM	19.61	19.59	19.71	20.50
		MID	64QAM	19.57	19.73	19.71	20.50
		HIGH	64QAM	19.73	19.58	19.71	20.50
	50	LOW	64QAM	19.54	19.67	19.52	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**22.58**	22.50	22.50	23.50
		MID	QPSK	22.52	22.53	22.51	23.50
		HIGH	QPSK	22.55	22.44	22.43	23.50
	36	LOW	QPSK	21.57	21.57	21.56	22.50
		MID	QPSK	21.67	21.58	21.65	22.50
		HIGH	QPSK	21.63	21.63	21.62	22.50
	75	LOW	QPSK	21.62	21.55	21.61	22.50
15	1	LOW	Q16	21.55	22.02	21.94	22.50
		MID	Q16	21.56	22.00	22.20	22.50
		HIGH	Q16	21.47	21.96	21.61	22.50
	36	LOW	Q16	20.56	20.68	20.53	21.50
		MID	Q16	20.66	20.66	20.64	21.50
		HIGH	Q16	20.61	20.67	20.61	21.50
	75	LOW	Q16	20.66	20.62	20.60	21.50
15	1	LOW	64QAM	20.44	21.05	20.79	21.50
		MID	64QAM	20.71	21.07	21.21	21.50
		HIGH	64QAM	20.51	21.04	20.64	21.50
	36	LOW	64QAM	19.47	19.76	19.61	20.50
		MID	64QAM	19.53	19.62	19.51	20.50
		HIGH	64QAM	19.53	19.63	19.71	20.50
	75	LOW	64QAM	19.60	19.67	19.46	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.55	**22.59**	22.41	23.50
		MID	QPSK	22.52	22.53	22.48	23.50
		HIGH	QPSK	22.56	22.45	22.44	23.50
	50	LOW	QPSK	21.62	**21.65**	21.57	22.50
		MID	QPSK	21.60	21.57	21.56	22.50
		HIGH	QPSK	21.62	21.62	21.62	22.50
	100	LOW	QPSK	21.68	21.58	21.52	22.50
20	1	LOW	Q16	**22.18**	22.11	21.94	22.50
		MID	Q16	22.14	22.06	21.94	22.50
		HIGH	Q16	22.10	22.07	21.92	22.50
	50	LOW	Q16	20.59	20.62	20.54	21.50
		MID	Q16	20.70	20.63	20.54	21.50
		HIGH	Q16	20.65	20.67	20.60	21.50
	100	LOW	Q16	20.71	20.61	20.54	21.50
20	1	LOW	64QAM	21.16	20.97	21.00	21.50
		MID	64QAM	21.08	20.93	21.04	21.50
		HIGH	64QAM	20.95	20.97	21.03	21.50
	50	LOW	64QAM	19.57	19.63	19.50	20.50
		MID	64QAM	19.66	19.75	19.51	20.50
		HIGH	64QAM	19.56	19.71	19.58	20.50
	100	LOW	64QAM	19.84	19.73	19.67	20.50

LTE B7-State 19 -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.10	18.22	18.40	19.00
		MID	QPSK	18.27	18.14	18.18	19.00
		HIGH	QPSK	18.22	18.02	18.38	19.00
	12	LOW	QPSK	18.24	18.34	18.27	19.00
		MID	QPSK	18.33	18.32	18.38	19.00
		HIGH	QPSK	18.30	18.25	18.18	19.00
	25	LOW	QPSK	18.29	18.17	18.18	19.00
5	1	LOW	Q16	18.58	18.47	18.54	19.00
		MID	Q16	18.63	18.60	18.51	19.00
		HIGH	Q16	18.67	18.32	18.49	19.00
	12	LOW	Q16	18.06	18.15	18.17	19.00
		MID	Q16	18.29	18.18	18.18	19.00
		HIGH	Q16	18.22	18.44	18.32	19.00
	25	LOW	Q16	18.35	18.23	18.09	19.00
5	1	LOW	64QAM	18.50	18.54	**18.74**	19.00
		MID	64QAM	18.57	18.63	18.59	19.00
		HIGH	64QAM	18.47	18.39	18.59	19.00
	12	LOW	64QAM	18.15	18.15	18.19	19.00
		MID	64QAM	18.32	18.40	18.36	19.00
		HIGH	64QAM	18.08	18.33	18.30	19.00
	25	LOW	64QAM	18.46	18.10	18.25	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.25	18.22	18.16	19.00
		MID	QPSK	18.20	18.31	18.40	19.00
		HIGH	QPSK	18.18	17.95	18.11	19.00
	25	LOW	QPSK	18.12	18.08	18.30	19.00
		MID	QPSK	18.42	18.21	18.31	19.00
		HIGH	QPSK	18.18	18.29	18.21	19.00
	50	LOW	QPSK	18.19	18.16	18.37	19.00
10	1	LOW	Q16	18.48	18.51	18.49	19.00
		MID	Q16	18.58	18.51	18.38	19.00
		HIGH	Q16	18.58	18.39	18.47	19.00
	25	LOW	Q16	18.10	18.24	18.35	19.00
		MID	Q16	18.35	18.12	18.22	19.00
		HIGH	Q16	18.24	18.33	18.30	19.00
	50	LOW	Q16	18.12	18.35	18.50	19.00
10	1	LOW	64QAM	18.37	18.52	18.42	19.00
		MID	64QAM	18.46	**18.78**	18.36	19.00
		HIGH	64QAM	18.69	18.26	18.72	19.00
	25	LOW	64QAM	18.25	18.35	18.27	19.00
		MID	64QAM	18.41	18.34	18.16	19.00
		HIGH	64QAM	18.31	18.16	18.58	19.00
	50	LOW	64QAM	18.34	18.23	18.25	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.31	18.13	18.16	19.00
		MID	QPSK	18.10	18.07	18.33	19.00
		HIGH	QPSK	18.12	18.06	18.17	19.00
	36	LOW	QPSK	18.05	18.17	18.00	19.00
		MID	QPSK	18.34	18.44	18.24	19.00
		HIGH	QPSK	18.34	18.34	18.31	19.00
	75	LOW	QPSK	18.42	18.44	18.08	19.00
15	1	LOW	Q16	18.59	18.40	18.65	19.00
		MID	Q16	18.56	18.61	18.48	19.00
		HIGH	Q16	18.69	18.60	18.41	19.00
	36	LOW	Q16	18.24	18.20	18.43	19.00
		MID	Q16	18.45	18.28	18.29	19.00
		HIGH	Q16	18.13	18.25	18.42	19.00
	75	LOW	Q16	18.24	18.15	18.24	19.00
15	1	LOW	64QAM	**18.82**	18.35	18.48	19.00
		MID	64QAM	18.55	18.52	18.50	19.00
		HIGH	64QAM	18.45	18.49	18.65	19.00
	36	LOW	64QAM	18.20	18.33	18.46	19.00
		MID	64QAM	18.42	18.33	18.25	19.00
		HIGH	64QAM	18.25	18.32	18.30	19.00
	75	LOW	64QAM	18.25	18.27	18.50	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.14	**18.34**	18.12	19.00
		MID	QPSK	18.17	18.19	18.16	19.00
		HIGH	QPSK	18.23	18.05	18.11	19.00
	50	LOW	QPSK	18.33	18.33	18.26	19.00
		MID	QPSK	18.18	18.31	18.18	19.00
		HIGH	QPSK	18.26	**18.42**	18.31	19.00
	100	LOW	QPSK	18.23	18.20	18.29	19.00
20	1	LOW	Q16	18.57	18.55	18.63	19.00
		MID	Q16	18.61	18.61	18.55	19.00
		HIGH	Q16	18.57	18.68	**18.73**	19.00
	50	LOW	Q16	18.36	18.33	18.20	19.00
		MID	Q16	18.33	18.31	18.22	19.00
		HIGH	Q16	18.28	18.26	18.35	19.00
	100	LOW	Q16	18.29	18.28	18.28	19.00
20	1	LOW	64QAM	18.51	18.38	18.64	19.00
		MID	64QAM	18.45	18.63	18.52	19.00
		HIGH	64QAM	18.41	18.66	18.72	19.00
	50	LOW	64QAM	18.29	18.28	18.15	19.00
		MID	64QAM	18.23	18.36	18.23	19.00
		HIGH	64QAM	18.37	18.23	18.39	19.00
	100	LOW	64QAM	18.21	18.30	18.22	19.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.41	21.36	21.41	22.50
		MID	QPSK	21.49	21.44	21.41	22.50
		HIGH	QPSK	21.40	21.39	21.39	22.50
	12	LOW	QPSK	21.49	21.43	21.49	22.50
		MID	QPSK	21.47	21.50	21.48	22.50
		HIGH	QPSK	21.48	21.56	21.47	22.50
	25	LOW	QPSK	21.49	21.50	21.52	22.50
5	1	LOW	Q16	21.60	21.92	21.72	22.50
		MID	Q16	21.71	22.03	21.62	22.50
		HIGH	Q16	21.69	21.99	21.44	22.50
	12	LOW	Q16	20.60	20.69	20.65	21.50
		MID	Q16	20.59	20.62	20.63	21.50
		HIGH	Q16	20.59	20.74	20.65	21.50
	25	LOW	Q16	20.55	20.52	20.48	21.50
5	1	LOW	64QAM	20.51	20.94	20.77	21.50
		MID	64QAM	20.64	21.06	20.53	21.50
		HIGH	64QAM	20.52	21.07	20.25	21.50
	12	LOW	64QAM	19.65	19.82	19.78	20.50
		MID	64QAM	19.70	19.69	19.48	20.50
		HIGH	64QAM	19.60	19.92	19.64	20.50
	25	LOW	64QAM	19.71	19.51	19.36	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.40	21.35	21.41	22.50
		MID	QPSK	21.43	21.43	21.39	22.50
		HIGH	QPSK	21.42	21.35	21.39	22.50
	25	LOW	QPSK	21.52	21.44	21.48	22.50
		MID	QPSK	21.60	21.59	21.55	22.50
		HIGH	QPSK	21.52	21.60	21.57	22.50
	50	LOW	QPSK	21.63	21.52	21.53	22.50
10	1	LOW	Q16	21.41	21.90	21.65	22.50
		MID	Q16	21.39	21.85	21.45	22.50
		HIGH	Q16	21.46	21.94	21.30	22.50
	25	LOW	Q16	20.60	20.60	20.55	21.50
		MID	Q16	20.67	20.60	20.71	21.50
		HIGH	Q16	20.62	20.68	20.72	21.50
	50	LOW	Q16	20.59	20.56	20.57	21.50
10	1	LOW	64QAM	20.34	20.77	20.43	21.50
		MID	64QAM	20.37	20.78	20.41	21.50
		HIGH	64QAM	20.55	20.99	20.48	21.50
	25	LOW	64QAM	19.53	19.50	19.64	20.50
		MID	64QAM	19.48	19.73	19.68	20.50
		HIGH	64QAM	19.69	19.53	19.71	20.50
	50	LOW	64QAM	19.45	19.60	19.49	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.54	21.45	21.46	22.50
		MID	QPSK	21.43	21.49	21.45	22.50
		HIGH	QPSK	21.53	21.36	21.42	22.50
	36	LOW	QPSK	21.55	21.51	21.47	22.50
		MID	QPSK	21.58	21.54	21.60	22.50
		HIGH	QPSK	21.63	21.62	21.57	22.50
	75	LOW	QPSK	21.58	21.46	21.53	22.50
15	1	LOW	Q16	21.53	21.95	21.90	22.50
		MID	Q16	21.53	21.95	22.16	22.50
		HIGH	Q16	21.47	21.90	21.58	22.50
	36	LOW	Q16	20.50	20.64	20.52	21.50
		MID	Q16	20.65	20.65	20.62	21.50
		HIGH	Q16	20.57	20.67	20.61	21.50
	75	LOW	Q16	20.66	20.62	20.55	21.50
15	1	LOW	64QAM	20.36	20.98	20.77	21.50
		MID	64QAM	20.68	20.98	21.20	21.50
		HIGH	64QAM	20.45	21.00	20.57	21.50
	36	LOW	64QAM	19.40	19.76	19.61	20.50
		MID	64QAM	19.52	19.60	19.44	20.50
		HIGH	64QAM	19.50	19.60	19.69	20.50
	75	LOW	64QAM	19.51	19.58	19.37	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.55	**21.56**	21.34	22.50
		MID	QPSK	21.44	21.49	21.41	22.50
		HIGH	QPSK	21.53	21.43	21.36	22.50
	50	LOW	QPSK	**21.58**	**21.58**	21.50	22.50
		MID	QPSK	21.57	21.53	21.53	22.50
		HIGH	QPSK	21.56	21.55	21.54	22.50
	100	LOW	QPSK	21.64	21.52	21.48	22.50
20	1	LOW	Q16	22.10	22.05	21.86	22.50
		MID	Q16	22.09	21.98	21.94	22.50
		HIGH	Q16	22.01	22.04	21.88	22.50
	50	LOW	Q16	20.55	20.57	20.51	21.50
		MID	Q16	20.68	20.63	20.46	21.50
		HIGH	Q16	20.65	20.66	20.59	21.50
	100	LOW	Q16	20.65	20.55	20.50	21.50
20	1	LOW	64QAM	21.13	20.88	20.92	21.50
		MID	64QAM	21.01	20.92	21.01	21.50
		HIGH	64QAM	20.93	20.97	20.96	21.50
	50	LOW	64QAM	19.55	19.63	19.44	20.50
		MID	64QAM	19.59	19.66	19.49	20.50
		HIGH	64QAM	19.55	19.65	19.51	20.50
	100	LOW	64QAM	19.79	19.65	19.64	20.50

LTE B7-Full Power -Ant.3(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**21.20**	21.05	21.09	21.80
		MID	QPSK	21.15	21.10	21.14	21.80
		HIGH	QPSK	21.04	21.17	21.10	21.80
	12	LOW	QPSK	20.24	20.17	20.24	20.80
		MID	QPSK	20.25	20.17	20.22	20.80
		HIGH	QPSK	20.22	20.24	20.22	20.80
	25	LOW	QPSK	20.24	20.15	20.24	20.80
5	1	LOW	Q16	20.40	20.57	20.27	20.80
		MID	Q16	20.41	20.68	20.41	20.80
		HIGH	Q16	20.35	20.65	20.25	20.80
	12	LOW	Q16	19.34	19.37	19.33	19.80
		MID	Q16	19.35	19.35	19.32	19.80
		HIGH	Q16	19.34	19.41	19.33	19.80
	25	LOW	Q16	19.27	19.25	19.21	19.80
5	1	LOW	64QAM	19.46	19.60	19.14	19.80
		MID	64QAM	19.27	19.69	19.30	19.80
		HIGH	64QAM	19.21	19.54	19.21	19.80
	12	LOW	64QAM	18.48	18.48	18.20	18.80
		MID	64QAM	18.42	18.38	18.17	18.80
		HIGH	64QAM	18.42	18.27	18.47	18.80
	25	LOW	64QAM	18.37	18.40	18.30	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**21.17**	21.02	21.14	21.80
		MID	QPSK	21.03	21.05	21.14	21.80
		HIGH	QPSK	21.08	21.05	21.09	21.80
	25	LOW	QPSK	20.30	20.25	20.20	20.80
		MID	QPSK	20.28	20.25	20.26	20.80
		HIGH	QPSK	20.29	20.28	20.30	20.80
	50	LOW	QPSK	20.28	20.22	20.21	20.80
10	1	LOW	Q16	20.15	20.51	20.29	20.80
		MID	Q16	20.09	20.56	20.19	20.80
		HIGH	Q16	20.09	20.54	20.07	20.80
	25	LOW	Q16	19.33	19.32	19.29	19.80
		MID	Q16	19.30	19.30	19.37	19.80
		HIGH	Q16	19.28	19.35	19.41	19.80
	50	LOW	Q16	19.25	19.27	19.30	19.80
10	1	LOW	64QAM	19.03	19.48	19.21	19.80
		MID	64QAM	19.10	19.62	19.05	19.80
		HIGH	64QAM	19.23	19.49	18.98	19.80
	25	LOW	64QAM	18.42	18.37	18.18	18.80
		MID	64QAM	18.35	18.40	18.30	18.80
		HIGH	64QAM	18.31	18.25	18.31	18.80
	50	LOW	64QAM	18.11	18.33	18.40	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**21.21**	21.13	21.19	21.80
		MID	QPSK	21.16	21.11	21.17	21.80
		HIGH	QPSK	21.18	21.02	21.12	21.80
	36	LOW	QPSK	20.20	20.20	20.21	20.80
		MID	QPSK	20.28	20.22	20.30	20.80
		HIGH	QPSK	20.25	20.25	20.28	20.80
	75	LOW	QPSK	20.23	20.15	20.26	20.80
15	1	LOW	Q16	20.19	20.61	20.68	20.80
		MID	Q16	20.16	20.61	20.63	20.80
		HIGH	Q16	20.07	20.53	20.59	20.80
	36	LOW	Q16	19.17	19.25	19.22	19.80
		MID	Q16	19.31	19.28	19.29	19.80
		HIGH	Q16	19.23	19.30	19.26	19.80
	75	LOW	Q16	19.28	19.20	19.26	19.80
15	1	LOW	64QAM	19.15	19.63	19.62	19.80
		MID	64QAM	19.14	19.61	19.74	19.80
		HIGH	64QAM	19.20	19.59	19.66	19.80
	36	LOW	64QAM	18.09	18.31	18.08	18.80
		MID	64QAM	18.24	18.38	18.37	18.80
		HIGH	64QAM	18.27	18.37	18.35	18.80
	75	LOW	64QAM	18.14	18.30	18.35	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.14	**21.26**	21.22	21.80
		MID	QPSK	21.22	21.05	21.09	21.80
		HIGH	QPSK	21.16	21.06	21.17	21.80
	50	LOW	QPSK	20.18	20.23	20.18	20.80
		MID	QPSK	20.24	20.30	20.31	20.80
		HIGH	QPSK	20.18	20.32	20.25	20.80
	100	LOW	QPSK	20.23	20.20	20.24	20.80
20	1	LOW	Q16	20.12	20.67	20.59	20.80
		MID	Q16	20.18	20.70	20.64	20.80
		HIGH	Q16	19.98	20.49	20.50	20.80
	50	LOW	Q16	19.08	19.22	19.22	19.80
		MID	Q16	19.27	19.22	19.35	19.80
		HIGH	Q16	19.17	19.21	19.29	19.80
	100	LOW	Q16	19.33	19.16	19.28	19.80
20	1	LOW	64QAM	19.08	19.67	19.55	19.80
		MID	64QAM	19.05	19.67	19.78	19.80
		HIGH	64QAM	19.13	19.57	19.65	19.80
	50	LOW	64QAM	18.16	18.25	18.13	18.80
		MID	64QAM	18.26	18.41	18.39	18.80
		HIGH	64QAM	18.20	18.42	18.38	18.80
	100	LOW	64QAM	18.19	18.34	18.39	18.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**21.20**	21.05	21.09	21.80
		MID	QPSK	21.15	21.10	21.14	21.80
		HIGH	QPSK	21.04	21.17	21.10	21.80
	12	LOW	QPSK	20.24	20.17	20.24	20.80
		MID	QPSK	20.25	20.17	20.22	20.80
		HIGH	QPSK	20.22	20.24	20.22	20.80
	25	LOW	QPSK	20.24	20.15	20.24	20.80
5	1	LOW	Q16	20.40	20.57	20.27	20.80
		MID	Q16	20.41	20.68	20.41	20.80
		HIGH	Q16	20.35	20.65	20.25	20.80
	12	LOW	Q16	19.34	19.37	19.33	19.80
		MID	Q16	19.35	19.35	19.32	19.80
		HIGH	Q16	19.34	19.41	19.33	19.80
	25	LOW	Q16	19.27	19.25	19.21	19.80
5	1	LOW	64QAM	19.46	19.60	19.14	19.80
		MID	64QAM	19.27	19.69	19.30	19.80
		HIGH	64QAM	19.21	19.54	19.21	19.80
	12	LOW	64QAM	18.48	18.48	18.20	18.80
		MID	64QAM	18.42	18.38	18.17	18.80
		HIGH	64QAM	18.42	18.27	18.47	18.80
	25	LOW	64QAM	18.37	18.40	18.30	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**21.17**	21.02	21.14	21.80
		MID	QPSK	21.03	21.05	21.14	21.80
		HIGH	QPSK	21.08	21.05	21.09	21.80
	25	LOW	QPSK	20.30	20.25	20.20	20.80
		MID	QPSK	20.28	20.25	20.26	20.80
		HIGH	QPSK	20.29	20.28	20.30	20.80
	50	LOW	QPSK	20.28	20.22	20.21	20.80
10	1	LOW	Q16	20.15	20.51	20.29	20.80
		MID	Q16	20.09	20.56	20.19	20.80
		HIGH	Q16	20.09	20.54	20.07	20.80
	25	LOW	Q16	19.33	19.32	19.29	19.80
		MID	Q16	19.30	19.30	19.37	19.80
		HIGH	Q16	19.28	19.35	19.41	19.80
	50	LOW	Q16	19.25	19.27	19.30	19.80
10	1	LOW	64QAM	19.03	19.48	19.21	19.80
		MID	64QAM	19.10	19.62	19.05	19.80
		HIGH	64QAM	19.23	19.49	18.98	19.80
	25	LOW	64QAM	18.42	18.37	18.18	18.80
		MID	64QAM	18.35	18.40	18.30	18.80
		HIGH	64QAM	18.31	18.25	18.31	18.80
	50	LOW	64QAM	18.11	18.33	18.40	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**21.21**	21.13	21.19	21.80
		MID	QPSK	21.16	21.11	21.17	21.80
		HIGH	QPSK	21.18	21.02	21.12	21.80
	36	LOW	QPSK	20.20	20.20	20.21	20.80
		MID	QPSK	20.28	20.22	20.30	20.80
		HIGH	QPSK	20.25	20.25	20.28	20.80
	75	LOW	QPSK	20.23	20.15	20.26	20.80
15	1	LOW	Q16	20.19	20.61	20.68	20.80
		MID	Q16	20.16	20.61	20.63	20.80
		HIGH	Q16	20.07	20.53	20.59	20.80
	36	LOW	Q16	19.17	19.25	19.22	19.80
		MID	Q16	19.31	19.28	19.29	19.80
		HIGH	Q16	19.23	19.30	19.26	19.80
	75	LOW	Q16	19.28	19.20	19.26	19.80
15	1	LOW	64QAM	19.15	19.63	19.62	19.80
		MID	64QAM	19.14	19.61	19.74	19.80
		HIGH	64QAM	19.20	19.59	19.66	19.80
	36	LOW	64QAM	18.09	18.31	18.08	18.80
		MID	64QAM	18.24	18.38	18.37	18.80
		HIGH	64QAM	18.27	18.37	18.35	18.80
	75	LOW	64QAM	18.14	18.30	18.35	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.14	**21.26**	21.22	21.80
		MID	QPSK	21.22	21.05	21.09	21.80
		HIGH	QPSK	21.16	21.06	21.17	21.80
	50	LOW	QPSK	20.18	20.23	20.18	20.80
		MID	QPSK	20.24	20.30	20.31	20.80
		HIGH	QPSK	20.18	20.32	20.25	20.80
	100	LOW	QPSK	20.23	20.20	20.24	20.80
20	1	LOW	Q16	20.12	20.67	20.59	20.80
		MID	Q16	20.18	20.70	20.64	20.80
		HIGH	Q16	19.98	20.49	20.50	20.80
	50	LOW	Q16	19.08	19.22	19.22	19.80
		MID	Q16	19.27	19.22	19.35	19.80
		HIGH	Q16	19.17	19.21	19.29	19.80
	100	LOW	Q16	19.33	19.16	19.28	19.80
20	1	LOW	64QAM	19.08	19.67	19.55	19.80
		MID	64QAM	19.05	19.67	19.78	19.80
		HIGH	64QAM	19.13	19.57	19.65	19.80
	50	LOW	64QAM	18.16	18.25	18.13	18.80
		MID	64QAM	18.26	18.41	18.39	18.80
		HIGH	64QAM	18.20	18.42	18.38	18.80
	100	LOW	64QAM	18.19	18.34	18.39	18.80

LTE B7-Full Power -State 18-Ant.3(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.23	20.07	20.12	20.80
		MID	QPSK	20.00	19.98	20.13	20.80
		HIGH	QPSK	20.04	20.04	19.97	20.80
	12	LOW	QPSK	20.12	20.08	20.15	20.80
		MID	QPSK	20.25	20.10	20.18	20.80
		HIGH	QPSK	20.05	20.21	20.12	20.80
	25	LOW	QPSK	20.20	20.07	20.11	20.80
5	1	LOW	Q16	20.22	20.46	20.24	20.80
		MID	Q16	20.28	**20.57**	20.27	20.80
		HIGH	Q16	20.21	20.52	20.22	20.80
	12	LOW	Q16	19.30	19.22	19.16	19.80
		MID	Q16	19.35	19.27	19.31	19.80
		HIGH	Q16	19.30	19.25	19.24	19.80
	25	LOW	Q16	19.23	19.06	19.21	19.80
5	1	LOW	64QAM	19.40	19.50	19.14	19.80
		MID	64QAM	19.13	19.56	19.15	19.80
		HIGH	64QAM	19.06	19.35	19.05	19.80
	12	LOW	64QAM	18.46	18.46	18.02	18.80
		MID	64QAM	18.40	18.38	17.99	18.80
		HIGH	64QAM	18.32	18.18	18.45	18.80
	25	LOW	64QAM	18.29	18.30	18.15	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.32	19.93	19.95	20.80
		MID	QPSK	19.92	19.92	20.24	20.80
		HIGH	QPSK	20.23	19.92	20.09	20.80
	25	LOW	QPSK	20.28	20.13	20.08	20.80
		MID	QPSK	20.21	20.07	20.11	20.80
		HIGH	QPSK	20.15	20.12	20.28	20.80
	50	LOW	QPSK	20.11	20.20	20.06	20.80
10	1	LOW	Q16	20.11	20.33	20.15	20.80
		MID	Q16	19.97	**20.38**	20.00	20.80
		HIGH	Q16	20.09	20.35	19.93	20.80
	25	LOW	Q16	19.33	19.25	19.24	19.80
		MID	Q16	19.25	19.11	19.34	19.80
		HIGH	Q16	19.28	19.26	19.22	19.80
	50	LOW	Q16	19.24	19.19	19.13	19.80
10	1	LOW	64QAM	19.01	19.40	19.07	19.80
		MID	64QAM	19.02	19.58	18.99	19.80
		HIGH	64QAM	19.10	19.48	18.86	19.80
	25	LOW	64QAM	18.23	18.22	18.00	18.80
		MID	64QAM	18.32	18.39	18.26	18.80
		HIGH	64QAM	18.20	18.18	18.23	18.80
	50	LOW	64QAM	18.09	18.21	18.39	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.11	19.97	20.29	20.80
		MID	QPSK	19.99	19.94	20.16	20.80
		HIGH	QPSK	20.32	20.08	20.12	20.80
	36	LOW	QPSK	20.05	20.08	20.11	20.80
		MID	QPSK	20.17	20.12	20.28	20.80
		HIGH	QPSK	20.11	20.06	20.25	20.80
	75	LOW	QPSK	20.12	20.13	20.13	20.80
15	1	LOW	Q16	20.02	20.47	**20.68**	20.80
		MID	Q16	20.15	20.49	20.52	20.80
		HIGH	Q16	20.01	20.42	20.40	20.80
	36	LOW	Q16	19.04	19.19	19.21	19.80
		MID	Q16	19.19	19.19	19.29	19.80
		HIGH	Q16	19.22	19.18	19.18	19.80
	75	LOW	Q16	19.24	19.05	19.23	19.80
15	1	LOW	64QAM	19.02	19.62	19.55	19.80
		MID	64QAM	19.13	19.59	19.55	19.80
		HIGH	64QAM	19.20	19.42	19.59	19.80
	36	LOW	64QAM	17.94	18.28	17.92	18.80
		MID	64QAM	18.24	18.22	18.27	18.80
		HIGH	64QAM	18.26	18.26	18.26	18.80
	75	LOW	64QAM	17.97	18.27	18.17	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.23	20.29	20.15	20.80
		MID	QPSK	20.36	20.08	19.90	20.80
		HIGH	QPSK	20.11	20.07	20.23	20.80
	50	LOW	QPSK	20.14	20.14	20.07	20.80
		MID	QPSK	20.10	20.24	20.30	20.80
		HIGH	QPSK	20.00	20.30	20.24	20.80
	100	LOW	QPSK	20.07	20.01	20.19	20.80
20	1	LOW	Q16	19.99	20.53	20.47	20.80
		MID	Q16	20.13	**20.68**	20.54	20.80
		HIGH	Q16	19.80	20.38	20.46	20.80
	50	LOW	Q16	18.89	19.13	19.04	19.80
		MID	Q16	19.10	19.03	19.22	19.80
		HIGH	Q16	19.13	19.04	19.24	19.80
	100	LOW	Q16	19.26	18.98	19.20	19.80
20	1	LOW	64QAM	18.90	19.66	19.36	19.80
		MID	64QAM	19.03	19.56	19.74	19.80
		HIGH	64QAM	18.98	19.47	19.55	19.80
	50	LOW	64QAM	18.06	18.14	18.07	18.80
		MID	64QAM	18.15	18.37	18.21	18.80
		HIGH	64QAM	18.08	18.41	18.29	18.80
	100	LOW	64QAM	18.09	18.17	18.21	18.80

LTE B7-Full Power -State 19-Ant.3(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**21.20**	21.05	21.09	21.80
		MID	QPSK	21.15	21.10	21.14	21.80
		HIGH	QPSK	21.04	21.17	21.10	21.80
	12	LOW	QPSK	20.24	20.17	20.24	20.80
		MID	QPSK	20.25	20.17	20.22	20.80
		HIGH	QPSK	20.22	20.24	20.22	20.80
	25	LOW	QPSK	20.24	20.15	20.24	20.80
5	1	LOW	Q16	20.40	20.57	20.27	20.80
		MID	Q16	20.41	20.68	20.41	20.80
		HIGH	Q16	20.35	20.65	20.25	20.80
	12	LOW	Q16	19.34	19.37	19.33	19.80
		MID	Q16	19.35	19.35	19.32	19.80
		HIGH	Q16	19.34	19.41	19.33	19.80
	25	LOW	Q16	19.27	19.25	19.21	19.80
5	1	LOW	64QAM	19.46	19.60	19.14	19.80
		MID	64QAM	19.27	19.69	19.30	19.80
		HIGH	64QAM	19.21	19.54	19.21	19.80
	12	LOW	64QAM	18.48	18.48	18.20	18.80
		MID	64QAM	18.42	18.38	18.17	18.80
		HIGH	64QAM	18.42	18.27	18.47	18.80
	25	LOW	64QAM	18.37	18.40	18.30	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**21.17**	21.02	21.14	21.80
		MID	QPSK	21.03	21.05	21.14	21.80
		HIGH	QPSK	21.08	21.05	21.09	21.80
	25	LOW	QPSK	20.30	20.25	20.20	20.80
		MID	QPSK	20.28	20.25	20.26	20.80
		HIGH	QPSK	20.29	20.28	20.30	20.80
	50	LOW	QPSK	20.28	20.22	20.21	20.80
10	1	LOW	Q16	20.15	20.51	20.29	20.80
		MID	Q16	20.09	20.56	20.19	20.80
		HIGH	Q16	20.09	20.54	20.07	20.80
	25	LOW	Q16	19.33	19.32	19.29	19.80
		MID	Q16	19.30	19.30	19.37	19.80
		HIGH	Q16	19.28	19.35	19.41	19.80
	50	LOW	Q16	19.25	19.27	19.30	19.80
10	1	LOW	64QAM	19.03	19.48	19.21	19.80
		MID	64QAM	19.10	19.62	19.05	19.80
		HIGH	64QAM	19.23	19.49	18.98	19.80
	25	LOW	64QAM	18.42	18.37	18.18	18.80
		MID	64QAM	18.35	18.40	18.30	18.80
		HIGH	64QAM	18.31	18.25	18.31	18.80
	50	LOW	64QAM	18.11	18.33	18.40	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**21.21**	21.13	21.19	21.80
		MID	QPSK	21.16	21.11	21.17	21.80
		HIGH	QPSK	21.18	21.02	21.12	21.80
	36	LOW	QPSK	20.20	20.20	20.21	20.80
		MID	QPSK	20.28	20.22	20.30	20.80
		HIGH	QPSK	20.25	20.25	20.28	20.80
	75	LOW	QPSK	20.23	20.15	20.26	20.80
15	1	LOW	Q16	20.19	20.61	20.68	20.80
		MID	Q16	20.16	20.61	20.63	20.80
		HIGH	Q16	20.07	20.53	20.59	20.80
	36	LOW	Q16	19.17	19.25	19.22	19.80
		MID	Q16	19.31	19.28	19.29	19.80
		HIGH	Q16	19.23	19.30	19.26	19.80
	75	LOW	Q16	19.28	19.20	19.26	19.80
15	1	LOW	64QAM	19.15	19.63	19.62	19.80
		MID	64QAM	19.14	19.61	19.74	19.80
		HIGH	64QAM	19.20	19.59	19.66	19.80
	36	LOW	64QAM	18.09	18.31	18.08	18.80
		MID	64QAM	18.24	18.38	18.37	18.80
		HIGH	64QAM	18.27	18.37	18.35	18.80
	75	LOW	64QAM	18.14	18.30	18.35	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.14	**21.26**	21.22	21.80
		MID	QPSK	21.22	21.05	21.09	21.80
		HIGH	QPSK	21.16	21.06	21.17	21.80
	50	LOW	QPSK	20.18	20.23	20.18	20.80
		MID	QPSK	20.24	20.30	20.31	20.80
		HIGH	QPSK	20.18	20.32	20.25	20.80
	100	LOW	QPSK	20.23	20.20	20.24	20.80
20	1	LOW	Q16	20.12	20.67	20.59	20.80
		MID	Q16	20.18	20.70	20.64	20.80
		HIGH	Q16	19.98	20.49	20.50	20.80
	50	LOW	Q16	19.08	19.22	19.22	19.80
		MID	Q16	19.27	19.22	19.35	19.80
		HIGH	Q16	19.17	19.21	19.29	19.80
	100	LOW	Q16	19.33	19.16	19.28	19.80
20	1	LOW	64QAM	19.08	19.67	19.55	19.80
		MID	64QAM	19.05	19.67	19.78	19.80
		HIGH	64QAM	19.13	19.57	19.65	19.80
	50	LOW	64QAM	18.16	18.25	18.13	18.80
		MID	64QAM	18.26	18.41	18.39	18.80
		HIGH	64QAM	18.20	18.42	18.38	18.80
	100	LOW	64QAM	18.19	18.34	18.39	18.80

LTE B7-Full Power -State 20-Ant.3(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.07	18.04	17.99	18.80
		MID	QPSK	18.01	18.07	18.25	18.80
		HIGH	QPSK	18.06	18.00	17.92	18.80
	12	LOW	QPSK	18.08	18.14	18.21	18.80
		MID	QPSK	18.10	18.13	18.08	18.80
		HIGH	QPSK	18.07	18.14	18.18	18.80
	25	LOW	QPSK	18.13	18.14	18.16	18.80
5	1	LOW	Q16	18.35	18.48	18.18	18.80
		MID	Q16	18.27	18.65	18.30	18.80
		HIGH	Q16	18.17	18.58	18.12	18.80
	12	LOW	Q16	18.21	18.26	18.20	18.80
		MID	Q16	18.34	18.17	18.28	18.80
		HIGH	Q16	18.30	18.33	18.14	18.80
	25	LOW	Q16	18.22	18.25	18.11	18.80
5	1	LOW	64QAM	18.38	18.47	18.00	18.80
		MID	64QAM	18.15	18.69	18.12	18.80
		HIGH	64QAM	18.13	18.41	18.13	18.80
	12	LOW	64QAM	18.40	18.33	18.08	18.80
		MID	64QAM	18.29	18.36	18.07	18.80
		HIGH	64QAM	18.24	18.14	18.36	18.80
	25	LOW	64QAM	18.19	18.37	18.22	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.20	17.85	17.98	18.80
		MID	QPSK	18.07	17.88	18.16	18.80
		HIGH	QPSK	18.13	18.04	18.10	18.80
	25	LOW	QPSK	18.20	18.18	18.07	18.80
		MID	QPSK	18.19	18.12	18.07	18.80
		HIGH	QPSK	18.17	18.21	18.17	18.80
	50	LOW	QPSK	18.20	18.20	18.15	18.80
10	1	LOW	Q16	18.11	18.45	18.10	18.80
		MID	Q16	17.99	18.41	18.17	18.80
		HIGH	Q16	17.97	18.42	18.00	18.80
	25	LOW	Q16	18.24	18.18	18.23	18.80
		MID	Q16	18.14	18.18	18.32	18.80
		HIGH	Q16	18.21	18.28	18.28	18.80
	50	LOW	Q16	18.23	18.17	18.16	18.80
10	1	LOW	64QAM	18.03	18.41	18.10	18.80
		MID	64QAM	17.98	18.60	17.87	18.80
		HIGH	64QAM	18.08	18.36	17.91	18.80
	25	LOW	64QAM	18.35	18.19	18.17	18.80
		MID	64QAM	18.16	18.26	18.25	18.80
		HIGH	64QAM	18.17	18.18	18.15	18.80
	50	LOW	64QAM	17.99	18.26	18.21	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.09	18.04	18.01	18.80
		MID	QPSK	18.31	18.18	18.30	18.80
		HIGH	QPSK	18.29	17.91	18.09	18.80
	36	LOW	QPSK	18.15	18.07	18.14	18.80
		MID	QPSK	18.11	18.03	18.27	18.80
		HIGH	QPSK	18.07	18.06	18.27	18.80
	75	LOW	QPSK	18.20	18.11	18.08	18.80
15	1	LOW	Q16	18.08	18.51	18.50	18.80
		MID	Q16	18.04	18.53	18.61	18.80
		HIGH	Q16	17.92	18.38	18.41	18.80
	36	LOW	Q16	18.05	18.22	18.21	18.80
		MID	Q16	18.28	18.11	18.21	18.80
		HIGH	Q16	18.16	18.13	18.25	18.80
	75	LOW	Q16	18.28	18.02	18.14	18.80
15	1	LOW	64QAM	18.10	18.49	18.49	18.80
		MID	64QAM	18.07	18.47	18.70	18.80
		HIGH	64QAM	18.09	18.50	18.54	18.80
	36	LOW	64QAM	18.00	18.21	17.95	18.80
		MID	64QAM	18.20	18.34	18.31	18.80
		HIGH	64QAM	18.20	18.27	18.26	18.80
	75	LOW	64QAM	17.98	18.26	18.18	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.02	18.25	18.17	18.80
		MID	QPSK	18.21	17.93	18.12	18.80
		HIGH	QPSK	18.18	18.02	18.13	18.80
	50	LOW	QPSK	18.05	18.16	18.08	18.80
		MID	QPSK	18.13	18.18	18.25	18.80
		HIGH	QPSK	18.01	18.28	18.16	18.80
	100	LOW	QPSK	18.21	18.11	18.12	18.80
20	1	LOW	Q16	17.96	18.61	18.50	18.80
		MID	Q16	18.15	18.62	18.55	18.80
		HIGH	Q16	17.94	18.46	18.37	18.80
	50	LOW	Q16	17.93	18.15	18.10	18.80
		MID	Q16	18.18	18.14	18.31	18.80
		HIGH	Q16	18.03	18.20	18.14	18.80
	100	LOW	Q16	18.24	18.05	18.12	18.80
20	1	LOW	64QAM	17.93	18.60	18.52	18.80
		MID	64QAM	17.89	18.57	18.76	18.80
		HIGH	64QAM	17.95	18.39	18.63	18.80
	50	LOW	64QAM	18.01	18.21	17.95	18.80
		MID	64QAM	18.26	18.26	18.23	18.80
		HIGH	64QAM	18.19	18.36	18.32	18.80
	100	LOW	64QAM	18.17	18.18	18.26	18.80

LTE B7-Full Power -Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**21.01**	20.87	20.95	21.50
		MID	QPSK	20.94	20.87	20.95	21.50
		HIGH	QPSK	20.91	20.87	20.94	21.50
	12	LOW	QPSK	20.10	19.98	19.96	20.50
		MID	QPSK	20.03	20.05	19.96	20.50
		HIGH	QPSK	20.08	20.13	20.07	20.50
	25	LOW	QPSK	20.02	20.04	19.97	20.50
5	1	LOW	16QAM	20.27	20.29	20.02	20.50
		MID	16QAM	20.26	20.29	20.20	20.50
		HIGH	16QAM	20.20	20.12	20.03	20.50
	12	LOW	16QAM	19.14	19.18	19.11	19.50
		MID	16QAM	19.13	19.08	19.04	19.50
		HIGH	16QAM	19.16	19.30	19.12	19.50
	25	LOW	16QAM	19.11	19.00	18.99	19.50
5	1	LOW	64QAM	19.22	19.41	18.85	19.50
		MID	64QAM	19.16	19.05	19.16	19.50
		HIGH	64QAM	19.06	19.28	19.02	19.50
	12	LOW	64QAM	18.23	18.23	17.91	18.50
		MID	64QAM	18.31	18.09	17.97	18.50
		HIGH	64QAM	18.13	17.88	18.33	18.50
	25	LOW	64QAM	18.11	18.28	18.17	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.88	20.75	**20.91**	21.50
		MID	QPSK	20.76	20.75	**20.91**	21.50
		HIGH	QPSK	20.82	20.86	20.86	21.50
	25	LOW	QPSK	20.18	20.05	20.08	20.50
		MID	QPSK	20.12	20.08	20.09	20.50
		HIGH	QPSK	20.02	20.05	20.18	20.50
	50	LOW	QPSK	20.16	20.05	19.98	20.50
10	1	LOW	QPSK	19.98	20.36	20.14	20.50
		MID	QPSK	19.86	20.37	20.07	20.50
		HIGH	QPSK	19.98	20.36	19.94	20.50
	25	LOW	QPSK	19.15	19.15	19.11	19.50
		MID	QPSK	19.05	19.19	19.22	19.50
		HIGH	QPSK	19.02	19.11	19.26	19.50
	50	LOW	QPSK	19.12	19.01	19.18	19.50
10	1	LOW	64QAM	18.89	19.24	19.04	19.50
		MID	64QAM	18.92	19.47	18.85	19.50
		HIGH	64QAM	18.97	19.25	18.71	19.50
	25	LOW	64QAM	18.14	18.26	18.02	18.50
		MID	64QAM	18.24	18.24	18.13	18.50
		HIGH	64QAM	18.22	18.03	18.04	18.50
	50	LOW	64QAM	17.95	18.16	18.12	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.00	20.95	20.94	21.50
		MID	QPSK	**21.04**	20.95	21.01	21.50
		HIGH	QPSK	20.89	20.82	20.83	21.50
	36	LOW	QPSK	20.09	19.99	20.06	20.50
		MID	QPSK	20.03	20.09	20.03	20.50
		HIGH	QPSK	20.13	20.13	20.13	20.50
	75	LOW	QPSK	20.10	19.92	20.02	20.50
15	1	LOW	16QAM	19.93	20.44	20.47	20.50
		MID	16QAM	19.91	20.10	20.21	20.50
		HIGH	16QAM	19.80	20.24	20.31	20.50
	36	LOW	16QAM	18.99	19.01	19.00	19.50
		MID	16QAM	19.11	19.06	19.05	19.50
		HIGH	16QAM	18.95	19.06	19.13	19.50
	75	LOW	16QAM	19.03	19.07	18.98	19.50
15	1	LOW	64QAM	18.87	19.46	19.48	19.50
		MID	64QAM	19.00	19.47	19.16	19.50
		HIGH	64QAM	19.02	19.38	19.47	19.50
	36	LOW	64QAM	17.81	18.04	17.83	18.50
		MID	64QAM	18.03	18.16	18.19	18.50
		HIGH	64QAM	18.18	18.19	18.17	18.50
	75	LOW	64QAM	17.87	18.01	18.14	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.01	**21.08**	20.95	21.50
		MID	QPSK	21.07	20.77	21.06	21.50
		HIGH	QPSK	20.91	20.73	20.85	21.50
	50	LOW	QPSK	20.02	20.08	20.09	20.50
		MID	QPSK	19.98	20.08	20.01	20.50
		HIGH	QPSK	20.15	20.17	20.11	20.50
	100	LOW	QPSK	20.18	19.94	19.93	20.50
20	1	LOW	16QAM	19.94	20.32	20.25	20.50
		MID	16QAM	19.90	20.40	20.19	20.50
		HIGH	16QAM	19.89	20.31	20.23	20.50
	50	LOW	16QAM	19.03	19.02	19.07	19.50
		MID	16QAM	19.05	19.04	19.06	19.50
		HIGH	16QAM	19.02	19.14	19.09	19.50
	100	LOW	16QAM	19.12	19.01	18.91	19.50
20	1	LOW	64QAM	18.95	19.21	19.25	19.50
		MID	64QAM	18.93	19.12	19.16	19.50
		HIGH	64QAM	18.97	19.31	19.45	19.50
	50	LOW	64QAM	17.72	18.02	17.89	18.50
		MID	64QAM	17.95	18.08	18.18	18.50
		HIGH	64QAM	18.15	18.21	18.23	18.50
	100	LOW	64QAM	17.88	18.02	18.21	18.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**21.01**	20.87	20.95	21.50
		MID	QPSK	20.94	20.87	20.95	21.50
		HIGH	QPSK	20.91	20.87	20.94	21.50
	12	LOW	QPSK	20.10	19.98	19.96	20.50
		MID	QPSK	20.03	20.05	19.96	20.50
		HIGH	QPSK	20.08	20.13	20.07	20.50
	20	LOW	QPSK	20.02	20.04	19.97	20.50
5	1	LOW	16QAM	20.27	20.29	20.02	20.50
		MID	16QAM	20.26	20.29	20.20	20.50
		HIGH	16QAM	20.20	20.12	20.03	20.50
	12	LOW	16QAM	19.14	19.18	19.11	19.50
		MID	16QAM	19.13	19.08	19.04	19.50
		HIGH	16QAM	19.16	19.30	19.12	19.50
	20	LOW	16QAM	19.11	19.00	18.99	19.50
5	1	LOW	64QAM	19.22	19.41	18.85	19.50
		MID	64QAM	19.16	19.05	19.16	19.50
		HIGH	64QAM	19.06	19.28	19.02	19.50
	12	LOW	64QAM	18.23	18.23	17.91	18.50
		MID	64QAM	18.31	18.09	17.97	18.50
		HIGH	64QAM	18.13	17.88	18.33	18.50
	20	LOW	64QAM	18.11	18.28	18.17	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.88	20.75	**20.91**	21.50
		MID	QPSK	20.76	20.75	**20.91**	21.50
		HIGH	QPSK	20.82	20.86	20.86	21.50
	20	LOW	QPSK	20.18	20.05	20.08	20.50
		MID	QPSK	20.12	20.08	20.09	20.50
		HIGH	QPSK	20.02	20.05	20.18	20.50
	50	LOW	QPSK	20.16	20.05	19.98	20.50
10	1	LOW	QPSK	19.98	20.36	20.14	20.50
		MID	QPSK	19.86	20.37	20.07	20.50
		HIGH	QPSK	19.98	20.36	19.94	20.50
	20	LOW	QPSK	19.15	19.15	19.11	19.50
		MID	QPSK	19.05	19.19	19.22	19.50
		HIGH	QPSK	19.02	19.11	19.26	19.50
	50	LOW	QPSK	19.12	19.01	19.18	19.50
10	1	LOW	64QAM	18.89	19.24	19.04	19.50
		MID	64QAM	18.92	19.47	18.85	19.50
		HIGH	64QAM	18.97	19.25	18.71	19.50
	20	LOW	64QAM	18.14	18.26	18.02	18.50
		MID	64QAM	18.24	18.24	18.13	18.50
		HIGH	64QAM	18.22	18.03	18.04	18.50
	50	LOW	64QAM	17.95	18.16	18.12	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.00	20.95	20.94	21.50
		MID	QPSK	**21.04**	20.95	21.01	21.50
		HIGH	QPSK	20.89	20.82	20.83	21.50
	36	LOW	QPSK	20.09	19.99	20.06	20.50
		MID	QPSK	20.03	20.09	20.03	20.50
		HIGH	QPSK	20.13	20.13	20.13	20.50
	75	LOW	QPSK	20.10	19.92	20.02	20.50
15	1	LOW	16QAM	19.93	20.44	20.47	20.50
		MID	16QAM	19.91	20.10	20.21	20.50
		HIGH	16QAM	19.80	20.24	20.31	20.50
	36	LOW	16QAM	18.99	19.01	19.00	19.50
		MID	16QAM	19.11	19.06	19.05	19.50
		HIGH	16QAM	18.95	19.06	19.13	19.50
	75	LOW	16QAM	19.03	19.07	18.98	19.50
15	1	LOW	64QAM	18.87	19.46	19.48	19.50
		MID	64QAM	19.00	19.47	19.16	19.50
		HIGH	64QAM	19.02	19.38	19.47	19.50
	36	LOW	64QAM	17.81	18.04	17.83	18.50
		MID	64QAM	18.03	18.16	18.19	18.50
		HIGH	64QAM	18.18	18.19	18.17	18.50
	75	LOW	64QAM	17.87	18.01	18.14	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.01	**21.08**	20.95	21.50
		MID	QPSK	21.07	20.77	21.06	21.50
		HIGH	QPSK	20.91	20.73	20.85	21.50
	50	LOW	QPSK	20.02	20.08	20.09	20.50
		MID	QPSK	19.98	20.08	20.01	20.50
		HIGH	QPSK	20.15	20.17	20.11	20.50
	100	LOW	QPSK	20.18	19.94	19.93	20.50
20	1	LOW	16QAM	19.94	20.32	20.25	20.50
		MID	16QAM	19.90	20.40	20.19	20.50
		HIGH	16QAM	19.89	20.31	20.23	20.50
	50	LOW	16QAM	19.03	19.02	19.07	19.50
		MID	16QAM	19.05	19.04	19.06	19.50
		HIGH	16QAM	19.02	19.14	19.09	19.50
	100	LOW	16QAM	19.12	19.01	18.91	19.50
20	1	LOW	64QAM	18.95	19.21	19.25	19.50
		MID	64QAM	18.93	19.12	19.16	19.50
		HIGH	64QAM	18.97	19.31	19.45	19.50
	50	LOW	64QAM	17.72	18.02	17.89	18.50
		MID	64QAM	17.95	18.08	18.18	18.50
		HIGH	64QAM	18.15	18.21	18.23	18.50
	100	LOW	64QAM	17.88	18.02	18.21	18.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**21.01**	20.87	20.95	21.50
		MID	QPSK	20.94	20.87	20.95	21.50
		HIGH	QPSK	20.91	20.87	20.94	21.50
	12	LOW	QPSK	20.10	19.98	19.96	20.50
		MID	QPSK	20.03	20.05	19.96	20.50
		HIGH	QPSK	20.08	20.13	20.07	20.50
	25	LOW	QPSK	20.02	20.04	19.97	20.50
5	1	LOW	16QAM	20.27	20.29	20.02	20.50
		MID	16QAM	20.26	20.29	20.20	20.50
		HIGH	16QAM	20.20	20.12	20.03	20.50
	12	LOW	16QAM	19.14	19.18	19.11	19.50
		MID	16QAM	19.13	19.08	19.04	19.50
		HIGH	16QAM	19.16	19.30	19.12	19.50
	25	LOW	16QAM	19.11	19.00	18.99	19.50
5	1	LOW	64QAM	19.22	19.41	18.85	19.50
		MID	64QAM	19.16	19.05	19.16	19.50
		HIGH	64QAM	19.06	19.28	19.02	19.50
	12	LOW	64QAM	18.23	18.23	17.91	18.50
		MID	64QAM	18.31	18.09	17.97	18.50
		HIGH	64QAM	18.13	17.88	18.33	18.50
	25	LOW	64QAM	18.11	18.28	18.17	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.88	20.75	**20.91**	21.50
		MID	QPSK	20.76	20.75	**20.91**	21.50
		HIGH	QPSK	20.82	20.86	20.86	21.50
	25	LOW	QPSK	20.18	20.05	20.08	20.50
		MID	QPSK	20.12	20.08	20.09	20.50
		HIGH	QPSK	20.02	20.05	20.18	20.50
	50	LOW	QPSK	20.16	20.05	19.98	20.50
10	1	LOW	QPSK	19.98	20.36	20.14	20.50
		MID	QPSK	19.86	20.37	20.07	20.50
		HIGH	QPSK	19.98	20.36	19.94	20.50
	25	LOW	QPSK	19.15	19.15	19.11	19.50
		MID	QPSK	19.05	19.19	19.22	19.50
		HIGH	QPSK	19.02	19.11	19.26	19.50
	50	LOW	QPSK	19.12	19.01	19.18	19.50
10	1	LOW	64QAM	18.89	19.24	19.04	19.50
		MID	64QAM	18.92	19.47	18.85	19.50
		HIGH	64QAM	18.97	19.25	18.71	19.50
	25	LOW	64QAM	18.14	18.26	18.02	18.50
		MID	64QAM	18.24	18.24	18.13	18.50
		HIGH	64QAM	18.22	18.03	18.04	18.50
	50	LOW	64QAM	17.95	18.16	18.12	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.00	20.95	20.94	21.50
		MID	QPSK	**21.04**	20.95	21.01	21.50
		HIGH	QPSK	20.89	20.82	20.83	21.50
	36	LOW	QPSK	20.09	19.99	20.06	20.50
		MID	QPSK	20.03	20.09	20.03	20.50
		HIGH	QPSK	20.13	20.13	20.13	20.50
	75	LOW	QPSK	20.10	19.92	20.02	20.50
15	1	LOW	16QAM	19.93	20.44	20.47	20.50
		MID	16QAM	19.91	20.10	20.21	20.50
		HIGH	16QAM	19.80	20.24	20.31	20.50
	36	LOW	16QAM	18.99	19.01	19.00	19.50
		MID	16QAM	19.11	19.06	19.05	19.50
		HIGH	16QAM	18.95	19.06	19.13	19.50
	75	LOW	16QAM	19.03	19.07	18.98	19.50
15	1	LOW	64QAM	18.87	19.46	19.48	19.50
		MID	64QAM	19.00	19.47	19.16	19.50
		HIGH	64QAM	19.02	19.38	19.47	19.50
	36	LOW	64QAM	17.81	18.04	17.83	18.50
		MID	64QAM	18.03	18.16	18.19	18.50
		HIGH	64QAM	18.18	18.19	18.17	18.50
	75	LOW	64QAM	17.87	18.01	18.14	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.01	**21.08**	20.95	21.50
		MID	QPSK	21.07	20.77	21.06	21.50
		HIGH	QPSK	20.91	20.73	20.85	21.50
	50	LOW	QPSK	20.02	20.08	20.09	20.50
		MID	QPSK	19.98	20.08	20.01	20.50
		HIGH	QPSK	20.15	20.17	20.11	20.50
	100	LOW	QPSK	20.18	19.94	19.93	20.50
20	1	LOW	16QAM	19.94	20.32	20.25	20.50
		MID	16QAM	19.90	20.40	20.19	20.50
		HIGH	16QAM	19.89	20.31	20.23	20.50
	50	LOW	16QAM	19.03	19.02	19.07	19.50
		MID	16QAM	19.05	19.04	19.06	19.50
		HIGH	16QAM	19.02	19.14	19.09	19.50
	100	LOW	16QAM	19.12	19.01	18.91	19.50
20	1	LOW	64QAM	18.95	19.21	19.25	19.50
		MID	64QAM	18.93	19.12	19.16	19.50
		HIGH	64QAM	18.97	19.31	19.45	19.50
	50	LOW	64QAM	17.72	18.02	17.89	18.50
		MID	64QAM	17.95	18.08	18.18	18.50
		HIGH	64QAM	18.15	18.21	18.23	18.50
	100	LOW	64QAM	17.88	18.02	18.21	18.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**21.01**	20.87	20.95	21.50
		MID	QPSK	20.94	20.87	20.95	21.50
		HIGH	QPSK	20.91	20.87	20.94	21.50
	12	LOW	QPSK	20.10	19.98	19.96	20.50
		MID	QPSK	20.03	20.05	19.96	20.50
		HIGH	QPSK	20.08	20.13	20.07	20.50
	25	LOW	QPSK	20.02	20.04	19.97	20.50
5	1	LOW	16QAM	20.27	20.29	20.02	20.50
		MID	16QAM	20.26	20.29	20.20	20.50
		HIGH	16QAM	20.20	20.12	20.03	20.50
	12	LOW	16QAM	19.14	19.18	19.11	19.50
		MID	16QAM	19.13	19.08	19.04	19.50
		HIGH	16QAM	19.16	19.30	19.12	19.50
	25	LOW	16QAM	19.11	19.00	18.99	19.50
5	1	LOW	64QAM	19.22	19.41	18.85	19.50
		MID	64QAM	19.16	19.05	19.16	19.50
		HIGH	64QAM	19.06	19.28	19.02	19.50
	12	LOW	64QAM	18.23	18.23	17.91	18.50
		MID	64QAM	18.31	18.09	17.97	18.50
		HIGH	64QAM	18.13	17.88	18.33	18.50
	25	LOW	64QAM	18.11	18.28	18.17	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.88	20.75	**20.91**	21.50
		MID	QPSK	20.76	20.75	**20.91**	21.50
		HIGH	QPSK	20.82	20.86	20.86	21.50
	25	LOW	QPSK	20.18	20.05	20.08	20.50
		MID	QPSK	20.12	20.08	20.09	20.50
		HIGH	QPSK	20.02	20.05	20.18	20.50
	50	LOW	QPSK	20.16	20.05	19.98	20.50
10	1	LOW	QPSK	19.98	20.36	20.14	20.50
		MID	QPSK	19.86	20.37	20.07	20.50
		HIGH	QPSK	19.98	20.36	19.94	20.50
	25	LOW	QPSK	19.15	19.15	19.11	19.50
		MID	QPSK	19.05	19.19	19.22	19.50
		HIGH	QPSK	19.02	19.11	19.26	19.50
	50	LOW	QPSK	19.12	19.01	19.18	19.50
10	1	LOW	64QAM	18.89	19.24	19.04	19.50
		MID	64QAM	18.92	19.47	18.85	19.50
		HIGH	64QAM	18.97	19.25	18.71	19.50
	25	LOW	64QAM	18.14	18.26	18.02	18.50
		MID	64QAM	18.24	18.24	18.13	18.50
		HIGH	64QAM	18.22	18.03	18.04	18.50
	50	LOW	64QAM	17.95	18.16	18.12	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.00	20.95	20.94	21.50
		MID	QPSK	**21.04**	20.95	21.01	21.50
		HIGH	QPSK	20.89	20.82	20.83	21.50
	36	LOW	QPSK	20.09	19.99	20.06	20.50
		MID	QPSK	20.03	20.09	20.03	20.50
		HIGH	QPSK	20.13	20.13	20.13	20.50
	75	LOW	QPSK	20.10	19.92	20.02	20.50
15	1	LOW	16QAM	19.93	20.44	20.47	20.50
		MID	16QAM	19.91	20.10	20.21	20.50
		HIGH	16QAM	19.80	20.24	20.31	20.50
	36	LOW	16QAM	18.99	19.01	19.00	19.50
		MID	16QAM	19.11	19.06	19.05	19.50
		HIGH	16QAM	18.95	19.06	19.13	19.50
	75	LOW	16QAM	19.03	19.07	18.98	19.50
15	1	LOW	64QAM	18.87	19.46	19.48	19.50
		MID	64QAM	19.00	19.47	19.16	19.50
		HIGH	64QAM	19.02	19.38	19.47	19.50
	36	LOW	64QAM	17.81	18.04	17.83	18.50
		MID	64QAM	18.03	18.16	18.19	18.50
		HIGH	64QAM	18.18	18.19	18.17	18.50
	75	LOW	64QAM	17.87	18.01	18.14	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.01	**21.08**	20.95	21.50
		MID	QPSK	21.07	20.77	21.06	21.50
		HIGH	QPSK	20.91	20.73	20.85	21.50
	50	LOW	QPSK	20.02	20.08	20.09	20.50
		MID	QPSK	19.98	20.08	20.01	20.50
		HIGH	QPSK	20.15	20.17	20.11	20.50
	100	LOW	QPSK	20.18	19.94	19.93	20.50
20	1	LOW	16QAM	19.94	20.32	20.25	20.50
		MID	16QAM	19.90	20.40	20.19	20.50
		HIGH	16QAM	19.89	20.31	20.23	20.50
	50	LOW	16QAM	19.03	19.02	19.07	19.50
		MID	16QAM	19.05	19.04	19.06	19.50
		HIGH	16QAM	19.02	19.14	19.09	19.50
	100	LOW	16QAM	19.12	19.01	18.91	19.50
20	1	LOW	64QAM	18.95	19.21	19.25	19.50
		MID	64QAM	18.93	19.12	19.16	19.50
		HIGH	64QAM	18.97	19.31	19.45	19.50
	50	LOW	64QAM	17.72	18.02	17.89	18.50
		MID	64QAM	17.95	18.08	18.18	18.50
		HIGH	64QAM	18.15	18.21	18.23	18.50
	100	LOW	64QAM	17.88	18.02	18.21	18.50

LTE B7-Full Power -State 20-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.04	17.98	17.91	18.50
		MID	QPSK	17.92	18.11	18.17	18.50
		HIGH	QPSK	17.83	17.89	17.91	18.50
	12	LOW	QPSK	18.09	18.11	18.11	18.50
		MID	QPSK	17.93	18.02	17.92	18.50
		HIGH	QPSK	17.89	18.11	18.10	18.50
	25	LOW	QPSK	17.89	17.88	17.88	18.50
5	1	LOW	16QAM	18.03	17.94	18.14	18.50
		MID	16QAM	18.05	18.16	18.17	18.50
		HIGH	16QAM	17.95	17.96	17.95	18.50
	12	LOW	16QAM	18.03	18.11	17.96	18.50
		MID	16QAM	18.03	18.11	17.98	18.50
		HIGH	16QAM	18.11	18.17	17.98	18.50
	25	LOW	16QAM	17.98	17.97	17.98	18.50
5	1	LOW	64QAM	17.94	17.82	17.90	18.50
		MID	64QAM	18.12	18.14	17.90	18.50
		HIGH	64QAM	18.10	17.86	18.02	18.50
	12	LOW	64QAM	17.82	17.87	18.18	18.50
		MID	64QAM	18.04	17.81	17.99	18.50
		HIGH	64QAM	18.18	17.95	18.00	18.50
	25	LOW	64QAM	17.98	17.97	18.14	18.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.81	18.17	17.91	18.50
		MID	QPSK	18.08	18.11	18.08	18.50
		HIGH	QPSK	17.88	17.85	17.92	18.50
	25	LOW	QPSK	18.12	18.09	17.91	18.50
		MID	QPSK	18.03	18.09	18.03	18.50
		HIGH	QPSK	17.82	17.87	18.18	18.50
	50	LOW	QPSK	17.92	17.92	17.93	18.50
10	1	LOW	QPSK	17.94	17.93	17.87	18.50
		MID	QPSK	18.05	18.04	18.05	18.50
		HIGH	QPSK	17.89	17.87	17.97	18.50
	25	LOW	QPSK	18.01	17.86	17.97	18.50
		MID

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.03	23.02	23.02	24.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.18	22.22	22.17	23.00
	3	LOW	QPSK	23.13	23.02	23.05	24.00
		MID	QPSK	21.99	22.03	22.09	23.00
		HIGH	QPSK	23.05	23.09	23.04	24.00
	6	LOW	QPSK	22.21	22.20	22.17	23.00
1.4	1	LOW	16-QAM	22.27	22.40	22.11	23.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	22.26	22.35	22.12	23.00
	3	LOW	16-QAM	22.17	22.33	22.22	23.00
		MID	16-QAM	21.32	21.41	21.19	22.00
		HIGH	16-QAM	22.11	22.33	22.28	23.00
	6	LOW	16-QAM	21.32	21.40	21.17	22.00
1.4	1	LOW	64-QAM	21.32	21.40	21.16	22.00
		MID	64-QAM	20.28	20.47	20.13	21.00
		HIGH	64-QAM	21.26	21.39	21.14	22.00
	3	LOW	64-QAM	21.26	21.39	21.16	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.24	21.39	21.17	22.00
	6	LOW	64-QAM	20.24	19.99	20.17	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.28	23.11	23.16	24.00
		MID	QPSK	22.17	22.21	22.12	23.00
		HIGH	QPSK	23.00	23.03	23.09	24.00
	8	LOW	QPSK	22.18	22.17	22.12	23.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	15	LOW	QPSK	22.17	22.12	22.12	23.00
3	1	LOW	16-QAM	22.19	22.21	22.13	23.00
		MID	16-QAM	21.19	21.41	21.18	22.00
		HIGH	16-QAM	22.08	22.32	22.22	23.00
	8	LOW	16-QAM	21.26	21.31	21.23	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.31	21.23	22.00
	15	LOW	16-QAM	21.26	21.31	21.23	22.00
3	1	LOW	64-QAM	21.12	21.39	21.19	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.00	21.23	21.22	22.00
	8	LOW	64-QAM	21.12	21.31	21.23	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	20.41	21.23	21.23	22.00
	15	LOW	64-QAM	20.32	20.47	20.13	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.01	23.02	23.09	24.00
	12	LOW	QPSK	22.21	22.13	22.12	23.00
		MID	QPSK	22.21	22.13	22.12	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
5	1	LOW	16-QAM	22.39	22.13	22.19	23.00
		MID	16-QAM	22.23	22.21	22.22	23.00
		HIGH	16-QAM	21.30	21.32	21.31	22.00
	12	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
5	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	20.41	21.23	21.23	22.00
	12	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	20.32	20.32	20.39	21.00
	25	LOW	64-QAM	20.22	20.32	20.08	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.16	23.07	23.09	24.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
		MID	QPSK	22.13	22.13	22.13	23.00
		HIGH	QPSK	22.13	22.13	22.13	23.00
	50	LOW	QPSK	22.13	22.13	22.13	23.00
10	1	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	50	LOW	16-QAM	21.26	21.30	21.26	22.00
10	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.39	21.19	22.00
	25	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.30	21.26	22.00
	50	LOW	64-QAM	20.22	20.32	20.08	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23063	23095	23127	Tune-up power(dBm)
10	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.16	23.07	23.09	24.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
		MID	QPSK	22.13	22.13	22.13	23.00
		HIGH	QPSK	22.13	22.13	22.13	23.00
	50	LOW	QPSK	22.13	22.13	22.13	23.00
10	1	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	50	LOW	16-QAM	21.26	21.30	21.26	22.00
10	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.39	21.19	22.00
	25	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.30	21.26	22.00
	50	LOW	64-QAM	20.22	20.32	20.08	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.03	23.02	23.02	24.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.18	22.22	22.17	23.00
	3	LOW	QPSK	23.13	23.02	23.05	24.00
		MID	QPSK	21.99	22.03	22.09	23.00
		HIGH	QPSK	23.05	23.09	23.04	24.00
	6	LOW	QPSK	22.21	22.20	22.17	23.00
1.4	1	LOW	16-QAM	22.27	22.40	22.11	23.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	22.26	22.35	22.12	23.00
	3	LOW	16-QAM	22.17	22.33	22.22	23.00
		MID	16-QAM	21.32	21.41	21.19	22.00
		HIGH	16-QAM	22.11	22.33	22.28	23.00
	6	LOW	16-QAM	21.32	21.40	21.17	22.00
1.4	1	LOW	64-QAM	21.32	21.40	21.16	22.00
		MID	64-QAM	20.28	20.47	20.13	21.00
		HIGH	64-QAM	21.26	21.39	21.14	22.00
	3	LOW	64-QAM	21.26	21.39	21.16	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.24	21.39	21.17	22.00
	6	LOW	64-QAM	20.24	19.99	20.17	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.28	23.11	23.16	24.00
		MID	QPSK	22.17	22.21	22.12	23.00
		HIGH	QPSK	23.00	23.03	23.09	24.00
	8	LOW	QPSK	22.18	22.17	22.12	23.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	15	LOW	QPSK	22.17	22.12	22.12	23.00
3	1	LOW	16-QAM	22.19	22.21	22.13	23.00
		MID	16-QAM	21.19	21.41	21.18	22.00
		HIGH	16-QAM	22.08	22.32	22.22	23.00
	8	LOW	16-QAM	21.26	21.31	21.23	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.31	21.23	22.00
	15	LOW	16-QAM	21.26	21.31	21.23	22.00
3	1	LOW	64-QAM	21.12	21.39	21.19	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.00	21.23	21.22	22.00
	8	LOW	64-QAM	21.12	21.31	21.23	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	20.41	21.23	21.23	22.00
	15	LOW	64-QAM	20.32	20.47	20.13	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.01	23.02	23.09	24.00
	12	LOW	QPSK	22.21	22.13	22.12	23.00
		MID	QPSK	22.21	22.13	22.12	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
5	1	LOW	16-QAM	22.39	22.13	22.19	23.00
		MID	16-QAM	22.23	22.21	22.22	23.00
		HIGH	16-QAM	21.30	21.32	21.31	22.00
	12	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
5	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	20.41	21.23	21.23	22.00
	12	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	20.32	20.32	20.39	21.00
	25	LOW	64-QAM	20.22	20.32	20.08	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.16	23.07	23.09	24.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
		MID	QPSK	22.13	22.13	22.13	23.00
		HIGH	QPSK	22.13	22.13	22.13	23.00
	50	LOW	QPSK	22.13	22.13	22.13	23.00
10	1	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	50	LOW	16-QAM	21.26	21.30	21.26	22.00
10	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.39	21.19	22.00
	25	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.30	21.26	22.00
	50	LOW	64-QAM	20.22	20.32	20.08	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23063	23095	23127	Tune-up power(dBm)
10	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.16	23.07	23.09	24.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
		MID	QPSK	22.13	22.13	22.13	23.00
		HIGH	QPSK	22.13	22.13	22.13	23.00
	50	LOW	QPSK	22.13	22.13	22.13	23.00
10	1	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	50	LOW	16-QAM	21.26	21.30	21.26	22.00
10	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.39	21.19	22.00
	25	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.30	21.26	22.00
	50	LOW	64-QAM	20.22	20.32	20.08	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.03	23.02	23.02	24.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.18	22.22	22.17	23.00
	3	LOW	QPSK	23.13	23.02	23.05	24.00
		MID	QPSK	21.99	22.03	22.09	23.00
		HIGH	QPSK	23.05	23.09	23.04	24.00
	6	LOW	QPSK	22.21	22.20	22.17	23.00
1.4	1	LOW	16-QAM	22.27	22.40	22.11	23.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	22.26	22.35	22.12	23.00
	3	LOW	16-QAM	22.17	22.33	22.22	23.00
		MID	16-QAM	21.32	21.41	21.19	22.00
		HIGH	16-QAM	22.11	22.33	22.28	23.00
	6	LOW	16-QAM	21.32	21.40	21.17	22.00
1.4	1	LOW	64-QAM	21.32	21.40	21.16	22.00
		MID	64-QAM	20.28	20.47	20.13	21.00
		HIGH	64-QAM	21.26	21.39	21.14	22.00
	3	LOW	64-QAM	21.26	21.39	21.16	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.24	21.39	21.17	22.00
	6	LOW	64-QAM	20.24	19.99	20.17	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.28	23.11	23.16	24.00
		MID	QPSK	22.17	22.21	22.12	23.00
		HIGH	QPSK	23.00	23.03	23.09	24.00
	8	LOW	QPSK	22.18	22.17	22.12	23.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	15	LOW	QPSK	22.17	22.12	22.12	23.00
3	1	LOW	16-QAM	22.19	22.21	22.13	23.00
		MID	16-QAM	21.19	21.41	21.18	22.00
		HIGH	16-QAM	22.08	22.32	22.22	23.00
	8	LOW	16-QAM	21.26	21.31	21.23	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.31	21.23	22.00
	15	LOW	16-QAM	21.26	21.31	21.23	22.00
3	1	LOW	64-QAM	21.12	21.39	21.19	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.00	21.23	21.22	22.00
	8	LOW	64-QAM	21.12	21.31	21.23	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	20.41	21.23	21.23	22.00
	15	LOW	64-QAM	20.32	20.47	20.13	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.01	23.02	23.09	24.00
	12	LOW	QPSK	22.21	22.13	22.12	23.00
		MID	QPSK	22.21	22.13	22.12	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
5	1	LOW	16-QAM	22.39	22.13	22.19	23.00
		MID	16-QAM	22.23	22.21	22.22	23.00
		HIGH	16-QAM	21.30	21.32	21.31	22.00
	12	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
5	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	20.41	21.23	21.23	22.00
	12	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	20.32	20.32	20.39	21.00
	25	LOW	64-QAM	20.22	20.32	20.08	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.16	23.07	23.09	24.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
		MID	QPSK	22.13	22.13	22.13	23.00
		HIGH	QPSK	22.13	22.13	22.13	23.00
	50	LOW	QPSK	22.13	22.13	22.13	23.00
10	1	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	50	LOW	16-QAM	21.26	21.30	21.26	22.00
10	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.39	21.19	22.00
	25	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.30	21.26	22.00
	50	LOW	64-QAM	20.22	20.32	20.08	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23063	23095	23127	Tune-up power(dBm)
10	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.16	23.07	23.09	24.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
		MID	QPSK	22.13	22.13	22.13	23.00
		HIGH	QPSK	22.13	22.13	22.13	23.00
	50	LOW	QPSK	22.13	22.13	22.13	23.00
10	1	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	25	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.30	21.26	22.00
	50	LOW	16-QAM	21.26	21.30	21.26	22.00
10	1	LOW	64-QAM	21.21	21.39	21.19	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.39	21.19	22.00
	25	LOW	64-QAM	21.21	21.30	21.26	22.00
		MID	64-QAM	21.21	21.41	21.19	22.00
		HIGH	64-QAM	21.21	21.30	21.26	22.00
	50	LOW	64-QAM	20.22	20.32	20.08	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.03	23.02	23.02	24.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.18	22.22	22.17	23.00
	3	LOW	QPSK	23.13	23.02	23.05	24.00
		MID	QPSK	21.99	22.03	22.09	23.00
		HIGH	QPSK	23.05	23.09	23.04	24.00
	6	LOW	QPSK	22.21	22.20	22.17	23.00
1.4	1	LOW	16-QAM	22.27	22.40	22.11	23.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	22.26	22.35	22.12	23.00
	3	LOW	16-QAM	22.17	22.33	22.22	23.00
		MID	16-QAM	21.32	21.41	21.19	22.00
		HIGH	16-QAM	22.11	22.33	22.28	23.00
	6	LOW	16-QAM	21.32	21.40	21.17	22.00
1.4	1	LOW	64-QAM	21.32	21.40	21.16	22.00
		MID	64-QAM	20.28	20.47	20.13	21.00
		HIGH	64-QAM	21.26	21.39	21.14	22.00
	3	LOW	64-QAM	21.26	21.39	21.16	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.24	21.39	21.17	22.00
	6	LOW	64-QAM	20.24	19.99	20.17	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.28	23.11	23.16	24.00
		MID	QPSK	22.17	22.21	22.12	23.00
		HIGH	QPSK	23.00	23.03	23.09	24.00
	8	LOW	QPSK	22.18	22.17	22.12	23.00
		MID	QPSK	22.19	22.21	22.13	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	15	LOW	QPSK	22.17	22.12	22.12	23.00
3	1	LOW	16-QAM	22.19	22.21	22.13	23.00
		MID	16-QAM	21.19	21.41	21.18	22.00
		HIGH	16-QAM	22.08	22.32	22.22	23.00
	8	LOW	16-QAM	21.26	21.31	21.23	22.00
		MID	16-QAM	21.26	21.41	21.18	22.00
		HIGH	16-QAM	21.26	21.31	21.23	22.00
	15	LOW	16-QAM	21.26	21.31	21.23	22.00
3	1	LOW	64-QAM	21.12	21.39	21.19	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	21.00	21.23	21.22	22.00
	8	LOW	64-QAM	21.12	21.31	21.23	22.00
		MID	64-QAM	20.32	20.47	20.13	21.00
		HIGH	64-QAM	20.41	21.23	21.23	22.00
	15	LOW	64-QAM	20.32	20.47	20.13	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.16	23.13	23.15	24.00
		MID	QPSK	23.16	23.13	23.15	24.00
		HIGH	QPSK	23.01	23.02	23.09	24.00
	12	LOW	QPSK	22.21	22.13	22.12	23.00
		MID	QPSK	22.21	22.13	22.12	23.00
		HIGH	QPSK	22.19	22.22	22.13	23.00
	25	LOW	QPSK	22.13	22.13	22.13	23.00
5	1	LOW	16-QAM	22.39	22.13	22.19	23.00
		MID	16-QAM	22.23	22.21	22.22	23.00
		HIGH	16-QAM	21.30	21.32	21.31	22.00
	12	LOW	16-QAM	21.26	21.30	21.26	22.00
		MID	16-QAM	21.26	21

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.33	23.33	23.35	23.50
		MID	QPSK	23.36	23.36	23.38	23.50
		HIGH	QPSK	23.36	23.36	23.38	23.50
	3	LOW	QPSK	23.27	23.32	23.39	24.00
		MID	QPSK	23.30	23.36	23.39	24.00
		HIGH	QPSK	23.32	23.33	23.38	24.00
	6	LOW	QPSK	22.32	22.37	22.42	23.00
		MID	QPSK	22.36	22.40	22.42	23.00
		HIGH	QPSK	22.36	22.40	22.42	23.00
1.4	1	LOW	16-QAM	22.36	22.75	22.42	23.00
		MID	16-QAM	22.36	22.75	22.42	23.00
		HIGH	16-QAM	22.51	22.75	22.42	23.00
	3	LOW	16-QAM	22.32	22.42	22.52	23.00
		MID	16-QAM	22.36	22.47	22.52	23.00
		HIGH	16-QAM	22.49	22.63	22.61	23.00
	6	LOW	16-QAM	21.32	21.42	21.52	22.00
		MID	16-QAM	21.36	21.73	21.52	22.00
		HIGH	16-QAM	21.54	21.76	21.52	22.00
1.4	1	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	3	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	6	LOW	64-QAM	20.45	20.70	20.75	21.00
		MID	64-QAM	20.51	20.73	20.75	21.00
		HIGH	64-QAM	20.63	20.74	20.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.48	23.47	23.48	23.50
		MID	QPSK	23.47	23.47	23.48	23.50
		HIGH	QPSK	23.33	23.39	23.37	24.00
	8	LOW	QPSK	22.47	22.52	22.52	23.00
		MID	QPSK	22.47	22.52	22.52	23.00
		HIGH	QPSK	22.49	22.63	22.61	23.00
	15	LOW	QPSK	22.48	22.42	22.43	23.00
3	1	LOW	16-QAM	22.48	22.42	22.43	23.00
		MID	QPSK	22.51	22.52	22.52	23.00
		HIGH	QPSK	22.39	22.69	22.52	23.00
	8	LOW	16-QAM	21.51	21.75	21.48	22.00
		MID	16-QAM	21.54	21.80	21.98	22.00
		HIGH	16-QAM	21.81	21.80	21.98	22.00
	15	LOW	16-QAM	21.51	21.75	21.48	22.00
3	1	LOW	64-QAM	21.45	21.69	21.50	22.00
		MID	64-QAM	21.51	21.75	21.48	22.00
		HIGH	64-QAM	21.39	21.99	21.59	22.00
	8	LOW	64-QAM	20.51	20.75	20.48	21.00
		MID	64-QAM	20.51	20.75	20.48	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	15	LOW	64-QAM	20.45	20.69	20.50	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.47	23.36	23.36	24.00
		MID	QPSK	23.41	23.49	23.48	24.00
		HIGH	QPSK	23.36	23.49	23.48	24.00
	12	LOW	QPSK	22.47	22.52	22.48	23.00
		MID	QPSK	22.51	22.52	22.48	23.00
		HIGH	QPSK	22.47	22.63	22.61	23.00
	25	LOW	QPSK	22.48	22.41	22.43	23.00
5	1	LOW	16-QAM	22.70	22.41	22.43	23.00
		MID	16-QAM	22.62	22.52	22.56	23.00
		HIGH	16-QAM	22.62	22.73	22.56	23.00
	12	LOW	16-QAM	21.62	21.47	21.55	22.00
		MID	16-QAM	21.62	21.80	21.88	22.00
		HIGH	16-QAM	21.81	21.80	21.88	22.00
	25	LOW	16-QAM	21.51	21.53	21.40	22.00
5	1	LOW	64-QAM	21.45	21.58	21.50	22.00
		MID	64-QAM	21.52	22.03	21.75	22.00
		HIGH	64-QAM	21.63	21.79	21.88	22.00
	12	LOW	64-QAM	20.51	20.75	20.69	21.00
		MID	64-QAM	20.47	20.79	20.69	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	25	LOW	64-QAM	20.49	20.58	20.48	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23050	23095	23140	Tune-up power(dBm)
10	1	LOW	QPSK	23.36	**23.64**	23.42	24.00
		MID	QPSK	23.36	23.64	23.42	24.00
		HIGH	QPSK	23.61	23.36	23.41	24.00
	25	LOW	QPSK	22.47	22.52	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	50	LOW	QPSK	22.48	22.41	22.43	23.00
10	1	LOW	16-QAM	22.43	22.83	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	25	LOW	16-QAM	21.68	21.56	21.60	22.00
		MID	16-QAM	21.80	21.80	21.87	22.00
		HIGH	16-QAM	21.59	21.57	21.62	22.00
	50	LOW	16-QAM	21.51	21.53	21.40	22.00
10	1	LOW	64-QAM	21.45	21.60	21.42	22.00
		MID	64-QAM	21.51	21.73	21.75	22.00
		HIGH	64-QAM	21.36	21.80	21.87	22.00
	25	LOW	64-QAM	20.51	20.56	20.47	21.00
		MID	64-QAM	20.52	20.69	20.69	21.00
		HIGH	64-QAM	20.57	20.75	20.75	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.33	23.33	23.35	23.50
		MID	QPSK	23.36	23.36	23.38	23.50
		HIGH	QPSK	23.36	23.36	23.38	23.50
	3	LOW	QPSK	23.27	23.32	23.39	24.00
		MID	QPSK	23.30	23.36	23.39	24.00
		HIGH	QPSK	23.32	23.33	23.38	24.00
	6	LOW	QPSK	22.32	22.37	22.42	23.00
		MID	QPSK	22.36	22.40	22.42	23.00
		HIGH	QPSK	22.36	22.40	22.42	23.00
1.4	1	LOW	16-QAM	22.36	22.75	22.42	23.00
		MID	16-QAM	22.36	22.75	22.42	23.00
		HIGH	16-QAM	22.51	22.75	22.42	23.00
	3	LOW	16-QAM	22.32	22.42	22.52	23.00
		MID	16-QAM	22.36	22.47	22.52	23.00
		HIGH	16-QAM	22.49	22.63	22.61	23.00
	6	LOW	16-QAM	21.32	21.42	21.52	22.00
		MID	16-QAM	21.36	21.73	21.52	22.00
		HIGH	16-QAM	21.54	21.76	21.52	22.00
1.4	1	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	3	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	6	LOW	64-QAM	20.45	20.70	20.75	21.00
		MID	64-QAM	20.51	20.73	20.75	21.00
		HIGH	64-QAM	20.63	20.74	20.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.48	23.47	23.48	23.50
		MID	QPSK	23.47	23.47	23.48	23.50
		HIGH	QPSK	23.33	23.39	23.37	24.00
	8	LOW	QPSK	22.47	22.52	22.52	23.00
		MID	QPSK	22.47	22.52	22.52	23.00
		HIGH	QPSK	22.49	22.63	22.61	23.00
	15	LOW	QPSK	22.48	22.42	22.43	23.00
3	1	LOW	16-QAM	22.48	22.42	22.43	23.00
		MID	QPSK	22.51	22.52	22.52	23.00
		HIGH	QPSK	22.39	22.69	22.52	23.00
	8	LOW	16-QAM	21.51	21.75	21.48	22.00
		MID	16-QAM	21.54	21.80	21.98	22.00
		HIGH	16-QAM	21.81	21.80	21.98	22.00
	15	LOW	16-QAM	21.51	21.75	21.48	22.00
3	1	LOW	64-QAM	21.45	21.69	21.50	22.00
		MID	64-QAM	21.51	21.75	21.48	22.00
		HIGH	64-QAM	21.39	21.99	21.59	22.00
	8	LOW	64-QAM	20.51	20.75	20.48	21.00
		MID	64-QAM	20.51	20.75	20.48	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	15	LOW	64-QAM	20.45	20.69	20.50	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.47	23.36	23.36	24.00
		MID	QPSK	23.41	23.49	23.48	24.00
		HIGH	QPSK	23.36	23.49	23.48	24.00
	12	LOW	QPSK	22.47	22.52	22.48	23.00
		MID	QPSK	22.51	22.52	22.48	23.00
		HIGH	QPSK	22.47	22.63	22.61	23.00
	25	LOW	QPSK	22.48	22.41	22.43	23.00
5	1	LOW	16-QAM	22.70	22.41	22.43	23.00
		MID	16-QAM	22.62	22.52	22.56	23.00
		HIGH	16-QAM	22.62	22.73	22.56	23.00
	12	LOW	16-QAM	21.62	21.47	21.55	22.00
		MID	16-QAM	21.62	21.80	21.88	22.00
		HIGH	16-QAM	21.81	21.80	21.88	22.00
	25	LOW	16-QAM	21.51	21.53	21.40	22.00
5	1	LOW	64-QAM	21.45	21.58	21.50	22.00
		MID	64-QAM	21.52	22.03	21.75	22.00
		HIGH	64-QAM	21.63	21.79	21.88	22.00
	12	LOW	64-QAM	20.51	20.75	20.69	21.00
		MID	64-QAM	20.47	20.79	20.69	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	25	LOW	64-QAM	20.49	20.58	20.48	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23050	23095	23140	Tune-up power(dBm)
10	1	LOW	QPSK	23.36	**23.64**	23.42	24.00
		MID	QPSK	23.36	23.64	23.42	24.00
		HIGH	QPSK	23.61	23.36	23.41	24.00
	25	LOW	QPSK	22.47	22.52	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	50	LOW	QPSK	22.48	22.41	22.43	23.00
10	1	LOW	16-QAM	22.43	22.83	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	25	LOW	16-QAM	21.68	21.56	21.60	22.00
		MID	16-QAM	21.80	21.80	21.87	22.00
		HIGH	16-QAM	21.59	21.57	21.62	22.00
	50	LOW	16-QAM	21.51	21.53	21.40	22.00
10	1	LOW	64-QAM	21.45	21.60	21.42	22.00
		MID	64-QAM	21.51	21.73	21.75	22.00
		HIGH	64-QAM	21.36	21.80	21.87	22.00
	25	LOW	64-QAM	20.51	20.56	20.47	21.00
		MID	64-QAM	20.52	20.69	20.69	21.00
		HIGH	64-QAM	20.57	20.75	20.75	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.33	23.33	23.35	23.50
		MID	QPSK	23.36	23.36	23.38	23.50
		HIGH	QPSK	23.36	23.36	23.38	23.50
	3	LOW	QPSK	23.27	23.32	23.39	24.00
		MID	QPSK	23.30	23.36	23.39	24.00
		HIGH	QPSK	23.32	23.33	23.38	24.00
	6	LOW	QPSK	22.32	22.37	22.42	23.00
		MID	QPSK	22.36	22.40	22.42	23.00
		HIGH	QPSK	22.36	22.40	22.42	23.00
1.4	1	LOW	16-QAM	22.36	22.75	22.42	23.00
		MID	16-QAM	22.36	22.75	22.42	23.00
		HIGH	16-QAM	22.51	22.75	22.42	23.00
	3	LOW	16-QAM	22.32	22.42	22.52	23.00
		MID	16-QAM	22.36	22.47	22.52	23.00
		HIGH	16-QAM	22.49	22.63	22.61	23.00
	6	LOW	16-QAM	21.32	21.42	21.52	22.00
		MID	16-QAM	21.36	21.73	21.52	22.00
		HIGH	16-QAM	21.54	21.76	21.52	22.00
1.4	1	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	3	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	6	LOW	64-QAM	20.45	20.70	20.75	21.00
		MID	64-QAM	20.51	20.73	20.75	21.00
		HIGH	64-QAM	20.63	20.74	20.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.48	23.47	23.48	23.50
		MID	QPSK	23.47	23.47	23.48	23.50
		HIGH	QPSK	23.33	23.39	23.37	24.00
	8	LOW	QPSK	22.47	22.52	22.52	23.00
		MID	QPSK	22.47	22.52	22.52	23.00
		HIGH	QPSK	22.49	22.63	22.61	23.00
	15	LOW	QPSK	22.48	22.42	22.43	23.00
3	1	LOW	16-QAM	22.48	22.42	22.43	23.00
		MID	QPSK	22.51	22.52	22.52	23.00
		HIGH	QPSK	22.39	22.69	22.52	23.00
	8	LOW	16-QAM	21.51	21.75	21.48	22.00
		MID	16-QAM	21.54	21.80	21.98	22.00
		HIGH	16-QAM	21.81	21.80	21.98	22.00
	15	LOW	16-QAM	21.51	21.75	21.48	22.00
3	1	LOW	64-QAM	21.45	21.69	21.50	22.00
		MID	64-QAM	21.51	21.75	21.48	22.00
		HIGH	64-QAM	21.39	21.99	21.59	22.00
	8	LOW	64-QAM	20.51	20.75	20.48	21.00
		MID	64-QAM	20.51	20.75	20.48	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	15	LOW	64-QAM	20.45	20.69	20.50	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.47	23.36	23.36	24.00
		MID	QPSK	23.41	23.49	23.48	24.00
		HIGH	QPSK	23.36	23.49	23.48	24.00
	12	LOW	QPSK	22.47	22.52	22.48	23.00
		MID	QPSK	22.51	22.52	22.48	23.00
		HIGH	QPSK	22.47	22.63	22.61	23.00
	25	LOW	QPSK	22.48	22.41	22.43	23.00
5	1	LOW	16-QAM	22.70	22.41	22.43	23.00
		MID	16-QAM	22.62	22.52	22.56	23.00
		HIGH	16-QAM	22.62	22.73	22.56	23.00
	12	LOW	16-QAM	21.62	21.47	21.55	22.00
		MID	16-QAM	21.62	21.80	21.88	22.00
		HIGH	16-QAM	21.81	21.80	21.88	22.00
	25	LOW	16-QAM	21.51	21.53	21.40	22.00
5	1	LOW	64-QAM	21.45	21.58	21.50	22.00
		MID	64-QAM	21.52	22.03	21.75	22.00
		HIGH	64-QAM	21.63	21.79	21.88	22.00
	12	LOW	64-QAM	20.51	20.75	20.69	21.00
		MID	64-QAM	20.47	20.79	20.69	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	25	LOW	64-QAM	20.49	20.58	20.48	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23050	23095	23140	Tune-up power(dBm)
10	1	LOW	QPSK	23.36	**23.64**	23.42	24.00
		MID	QPSK	23.36	23.64	23.42	24.00
		HIGH	QPSK	23.61	23.36	23.41	24.00
	25	LOW	QPSK	22.47	22.52	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	50	LOW	QPSK	22.48	22.41	22.43	23.00
10	1	LOW	16-QAM	22.43	22.83	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	25	LOW	16-QAM	21.68	21.56	21.60	22.00
		MID	16-QAM	21.80	21.80	21.87	22.00
		HIGH	16-QAM	21.59	21.57	21.62	22.00
	50	LOW	16-QAM	21.51	21.53	21.40	22.00
10	1	LOW	64-QAM	21.45	21.60	21.42	22.00
		MID	64-QAM	21.51	21.73	21.75	22.00
		HIGH	64-QAM	21.36	21.80	21.87	22.00
	25	LOW	64-QAM	20.51	20.56	20.47	21.00
		MID	64-QAM	20.52	20.69	20.69	21.00
		HIGH	64-QAM	20.57	20.75	20.75	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.33	23.33	23.35	23.50
		MID	QPSK	23.36	23.36	23.38	23.50
		HIGH	QPSK	23.36	23.36	23.38	23.50
	3	LOW	QPSK	23.27	23.32	23.39	24.00
		MID	QPSK	23.30	23.36	23.39	24.00
		HIGH	QPSK	23.32	23.33	23.38	24.00
	6	LOW	QPSK	22.32	22.37	22.42	23.00
		MID	QPSK	22.36	22.40	22.42	23.00
		HIGH	QPSK	22.36	22.40	22.42	23.00
1.4	1	LOW	16-QAM	22.36	22.75	22.42	23.00
		MID	16-QAM	22.36	22.75	22.42	23.00
		HIGH	16-QAM	22.51	22.75	22.42	23.00
	3	LOW	16-QAM	22.32	22.42	22.52	23.00
		MID	16-QAM	22.36	22.47	22.52	23.00
		HIGH	16-QAM	22.49	22.63	22.61	23.00
	6	LOW	16-QAM	21.32	21.42	21.52	22.00
		MID	16-QAM	21.36	21.73	21.52	22.00
		HIGH	16-QAM	21.54	21.76	21.52	22.00
1.4	1	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	3	LOW	64-QAM	21.45	21.70	21.45	22.00
		MID	64-QAM	21.51	21.73	21.45	22.00
		HIGH	64-QAM	21.63	21.74	21.45	22.00
	6	LOW	64-QAM	20.45	20.70	20.75	21.00
		MID	64-QAM	20.51	20.73	20.75	21.00
		HIGH	64-QAM	20.63	20.74	20.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.48	23.47	23.48	23.50
		MID	QPSK	23.47	23.47	23.48	23.50
		HIGH	QPSK	23.33	23.39	23.37	24.00
	8	LOW	QPSK	22.47	22.52	22.52	23.00
		MID	QPSK	22.47	22.52	22.52	23.00
		HIGH	QPSK	22.49	22.63	22.61	23.00
	15	LOW	QPSK	22.48	22.42	22.43	23.00
3	1	LOW	16-QAM	22.48	22.42	22.43	23.00
		MID	QPSK	22.51	22.52	22.52	23.00
		HIGH	QPSK	22.39	22.69	22.52	23.00
	8	LOW	16-QAM	21.51	21.75	21.48	22.00
		MID	16-QAM	21.54	21.80	21.98	22.00
		HIGH	16-QAM	21.81	21.80	21.98	22.00
	15	LOW	16-QAM	21.51	21.75	21.48	22.00
3	1	LOW	64-QAM	21.45	21.69	21.50	22.00
		MID	64-QAM	21.51	21.75	21.48	22.00
		HIGH	64-QAM	21.39	21.99	21.59	22.00
	8	LOW	64-QAM	20.51	20.75	20.48	21.00
		MID	64-QAM	20.51	20.75	20.48	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	15	LOW	64-QAM	20.45	20.69	20.50	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.47	23.36	23.36	24.00
		MID	QPSK	23.41	23.49	23.48	24.00
		HIGH	QPSK	23.36	23.49	23.48	24.00
	12	LOW	QPSK	22.47	22.52	22.48	23.00
		MID	QPSK	22.51	22.52	22.48	23.00
		HIGH	QPSK	22.47	22.63	22.61	23.00
	25	LOW	QPSK	22.48	22.41	22.43	23.00
5	1	LOW	16-QAM	22.70	22.41	22.43	23.00
		MID	16-QAM	22.62	22.52	22.56	23.00
		HIGH	16-QAM	22.62	22.73	22.56	23.00
	12	LOW	16-QAM	21.62	21.47	21.55	22.00
		MID	16-QAM	21.62	21.80	21.88	22.00
		HIGH	16-QAM	21.81	21.80	21.88	22.00
	25	LOW	16-QAM	21.51	21.53	21.40	22.00
5	1	LOW	64-QAM	21.45	21.58	21.50	22.00
		MID	64-QAM	21.52	22.03	21.75	22.00
		HIGH	64-QAM	21.63	21.79	21.88	22.00
	12	LOW	64-QAM	20.51	20.75	20.69	21.00
		MID	64-QAM	20.47	20.79	20.69	21.00
		HIGH	64-QAM	20.81	20.80	20.98	21.00
	25	LOW	64-QAM	20.49	20.58	20.48	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23050	23095	23140	Tune-up power(dBm)
10	1	LOW	QPSK	23.36	**23.64**	23.42	24.00
		MID	QPSK	23.36	23.64	23.42	24.00
		HIGH	QPSK	23.61	23.36	23.41	24.00
	25	LOW	QPSK	22.47	22.52	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	50	LOW	QPSK	22.48	22.41	22.43	23.00
10	1	LOW	16-QAM	22.43	22.83	22.47	23.00
		MID	QPSK	22.52	22.52	22.47	23.00
		HIGH	QPSK	22.63	22.63	22.61	23.00
	25	LOW	16-QAM	21.68	21.56	21.60	22.00
		MID	16-QAM	21.80	21.80	21.87	22.00
		HIGH	16-QAM	21.59	21.57	21.62	22.00
	50	LOW	16-QAM	21.51	21.53	21.40	22.00
10	1	LOW	64-QAM	21.45	21.60	21.42	22.00
		MID	64-QAM	21.51	21.73	21.75	22.00
		HIGH	64-QAM	21.36	21.80	21.87	22.00
	25	LOW	64-QAM	20.51	20.56	20.47	21.00
		MID	64-QAM	20.52	20.69	20.69	21.00
		HIGH	64-QAM	20.57	20.75	20.75	21.00

LTE B12-Power .Ant.1(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.33	23.33	23.35	23.50
		MID	QPSK	23.36	23.36	23.38	23.50
		HIGH	QPSK	23.36	23.36	23.38	23.50
	3	LOW	QPSK	23.27	23.32	23.39	24.00
		MID	QPSK	23.30	23.36	23.39	24.00
		HIGH	QPSK	23.32	23.33	23.38	24.00
	6	LOW	QPSK	22.32	22.37	22.42	23.00
		MID	QPSK	22.36	22.40	22.42	23.00
		HIGH	QPSK	22.36	22.40	22.42	23.00
1.4	1	LOW	16-QAM	22.36	22.75	22.42	23.00
		MID	16-QAM	22.36	22.75	22.42	23.00
		HIGH	16-QAM	22.51	22.75	22.42	23.00
	3	LOW	16-QAM	22.32	22.42	22.52	23.00
		MID	16-QAM	22.36	22.47	22.52	23.00
		HIGH	16-QAM	22.49	22.63	22.61	23.00
	6	LOW	16-QAM	21.32

8.3.6 LTE Band13 Output Power

LTE B13-Full Power -Ant.1				
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
5	1	LOW	QPSK	23.14
		MID	QPSK	23.22
		HIGH	QPSK	23.30
	12	LOW	QPSK	22.19
		MID	QPSK	22.19
		HIGH	QPSK	22.23
	25	LOW	QPSK	22.19
5	1	LOW	16 QAM	22.26
		MID	16 QAM	22.34
		HIGH	16 QAM	22.39
	12	LOW	16 QAM	21.24
		MID	16 QAM	21.24
		HIGH	16 QAM	21.34
	25	LOW	16 QAM	21.24
5	1	LOW	64QAM	21.31
		MID	64QAM	21.39
		HIGH	64QAM	21.41
	12	LOW	64QAM	20.40
		MID	64QAM	20.40
		HIGH	64QAM	20.51
	25	LOW	64QAM	20.38
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
10	1	LOW	QPSK	23.13
		MID	QPSK	23.22
		HIGH	QPSK	23.28
	25	LOW	QPSK	22.25
		MID	QPSK	22.24
		HIGH	QPSK	22.31
	50	LOW	QPSK	22.23
10	1	LOW	16 QAM	22.17
		MID	16 QAM	22.17
		HIGH	16 QAM	22.13
	25	LOW	16 QAM	21.26
		MID	16 QAM	21.30
		HIGH	16 QAM	21.34
	50	LOW	16 QAM	21.21
10	1	LOW	64QAM	**21.18**
		MID	64QAM	**21.22**
		HIGH	64QAM	**21.21**
	25	LOW	64QAM	**20.32**
		MID	64QAM	**20.32**
		HIGH	64QAM	**20.35**
	50	LOW	64QAM	**20.35**

LTE B13-State 17 -Ant.1				
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
5	1	LOW	QPSK	23.14
		MID	QPSK	23.22
		HIGH	QPSK	23.30
	12	LOW	QPSK	22.19
		MID	QPSK	22.19
		HIGH	QPSK	22.23
	25	LOW	QPSK	22.17
5	1	LOW	16 QAM	22.26
		MID	16 QAM	22.34
		HIGH	16 QAM	22.39
	12	LOW	16 QAM	21.31
		MID	16 QAM	21.24
		HIGH	16 QAM	21.34
	25	LOW	16 QAM	21.24
5	1	LOW	64QAM	21.31
		MID	64QAM	21.39
		HIGH	64QAM	21.41
	12	LOW	64QAM	20.40
		MID	64QAM	20.40
		HIGH	64QAM	20.51
	25	LOW	64QAM	20.38
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
10	1	LOW	QPSK	23.13
		MID	QPSK	23.22
		HIGH	QPSK	23.28
	25	LOW	QPSK	22.25
		MID	QPSK	22.24
		HIGH	QPSK	22.31
	50	LOW	QPSK	22.23
10	1	LOW	16 QAM	22.17
		MID	16 QAM	22.17
		HIGH	16 QAM	22.13
	25	LOW	16 QAM	21.26
		MID	16 QAM	21.30
		HIGH	16 QAM	21.34
	50	LOW	16 QAM	21.21
10	1	LOW	64QAM	**21.18**
		MID	64QAM	**21.22**
		HIGH	64QAM	**21.21**
	25	LOW	64QAM	**20.32**
		MID	64QAM	**20.32**
		HIGH	64QAM	**20.35**
	50	LOW	64QAM	**20.35**

LTE B13-State 18 -Ant.1				
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
5	1	LOW	QPSK	23.14
		MID	QPSK	23.22
		HIGH	QPSK	23.30
	12	LOW	QPSK	22.19
		MID	QPSK	22.19
		HIGH	QPSK	22.23
	25	LOW	QPSK	22.17
5	1	LOW	16 QAM	22.26
		MID	16 QAM	22.34
		HIGH	16 QAM	22.39
	12	LOW	16 QAM	21.31
		MID	16 QAM	21.24
		HIGH	16 QAM	21.34
	25	LOW	16 QAM	21.24
5	1	LOW	64QAM	21.31
		MID	64QAM	21.39
		HIGH	64QAM	21.41
	12	LOW	64QAM	20.40
		MID	64QAM	20.40
		HIGH	64QAM	20.51
	25	LOW	64QAM	20.38
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
10	1	LOW	QPSK	23.13
		MID	QPSK	23.22
		HIGH	QPSK	23.28
	25	LOW	QPSK	22.25
		MID	QPSK	22.24
		HIGH	QPSK	22.31
	50	LOW	QPSK	22.23
10	1	LOW	16 QAM	22.17
		MID	16 QAM	22.17
		HIGH	16 QAM	22.13
	25	LOW	16 QAM	21.26
		MID	16 QAM	21.30
		HIGH	16 QAM	21.34
	50	LOW	16 QAM	21.21
10	1	LOW	64QAM	**21.18**
		MID	64QAM	**21.22**
		HIGH	64QAM	**21.21**
	25	LOW	64QAM	**20.32**
		MID	64QAM	**20.32**
		HIGH	64QAM	**20.35**
	50	LOW	64QAM	**20.35**

LTE B13-State 19 -Ant.1				
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
5	1	LOW	QPSK	23.14
		MID	QPSK	23.22
		HIGH	QPSK	23.30
	12	LOW	QPSK	22.19
		MID	QPSK	22.19
		HIGH	QPSK	22.23
	25	LOW	QPSK	22.17
5	1	LOW	16 QAM	22.26
		MID	16 QAM	22.34
		HIGH	16 QAM	22.39
	12	LOW	16 QAM	21.31
		MID	16 QAM	21.24
		HIGH	16 QAM	21.34
	25	LOW	16 QAM	21.24
5	1	LOW	64QAM	21.31
		MID	64QAM	21.39
		HIGH	64QAM	21.41
	12	LOW	64QAM	20.40
		MID	64QAM	20.40
		HIGH	64QAM	20.51
	25	LOW	64QAM	20.38
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
10	1	LOW	QPSK	23.13
		MID	QPSK	23.22
		HIGH	QPSK	23.28
	25	LOW	QPSK	22.25
		MID	QPSK	22.24
		HIGH	QPSK	22.31
	50	LOW	QPSK	22.23
10	1	LOW	16 QAM	22.17
		MID	16 QAM	22.17
		HIGH	16 QAM	22.13
	25	LOW	16 QAM	21.26
		MID	16 QAM	21.30
		HIGH	16 QAM	21.34
	50	LOW	16 QAM	21.21
10	1	LOW	64QAM	**21.18**
		MID	64QAM	**21.22**
		HIGH	64QAM	**21.21**
	25	LOW	64QAM	**20.32**
		MID	64QAM	**20.32**
		HIGH	64QAM	**20.35**
	50	LOW	64QAM	**20.35**

LTE B13-State 20 -Ant.1				
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
5	1	LOW	QPSK	22.11
		MID	QPSK	22.21
		HIGH	QPSK	22.25
	12	LOW	QPSK	22.20
		MID	QPSK	22.20
		HIGH	QPSK	22.27
	25	LOW	QPSK	22.15
5	1	LOW	16 QAM	22.28
		MID	16 QAM	22.32
		HIGH	16 QAM	22.42
	12	LOW	16 QAM	21.32
		MID	16 QAM	21.27
		HIGH	16 QAM	21.38
	25	LOW	16 QAM	21.25
5	1	LOW	64QAM	21.35
		MID	64QAM	21.05
		HIGH	64QAM	20.58
	12	LOW	64QAM	20.26
		MID	64QAM	20.26
		HIGH	64QAM	20.32
	25	LOW	64QAM	20.22
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230
10	1	LOW	QPSK	22.17
		MID	QPSK	22.13
		HIGH	QPSK	22.02
	25	LOW	QPSK	22.21
		MID	QPSK	22.25
		HIGH	QPSK	22.20
	50	LOW	QPSK	22.22
10	1	LOW	16 QAM	22.25
		MID	16 QAM	22.14
		HIGH	16 QAM	22.05
	25	LOW	16 QAM	21.27
		MID	16 QAM	21.24
		HIGH	16 QAM	21.35
	50	LOW	16 QAM	21.22
10	1	LOW	64QAM	21.05
		MID	64QAM	21.15
		HIGH	64QAM	21.04
	25	LOW	64QAM	20.29
		MID	64QAM	20.19
		HIGH	64QAM	20.07
	50	LOW	64QAM	20.07

LTE B13-Full Power -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	24.00
		MID	QPSK	**23.94**	24.00
		HIGH	QPSK	22.59	23.00
	12	LOW	QPSK	22.54	23.00
		MID	QPSK	22.51	23.00
		HIGH	QPSK	22.59	23.00
	25	LOW	QPSK	22.51	23.00
5	1	LOW	16-QAM	22.73	23.00
		MID	16-QAM	22.75	23.00
		HIGH	16-QAM	22.73	23.00
	12	LOW	16-QAM	21.62	22.00
		MID	16-QAM	21.59	22.00
		HIGH	16-QAM	21.67	22.00
	25	LOW	16-QAM	21.59	22.00
5	1	LOW	64-QAM	**21.86**	22.00
		MID	64-QAM	21.78	22.00
		HIGH	64-QAM	21.80	22.00
	12	LOW	64-QAM	20.49	21.00
		MID	64-QAM	20.46	21.00
		HIGH	64-QAM	20.58	21.00
	25	LOW	64-QAM	20.51	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
10	1	LOW	QPSK	**23.41**	24.00
		MID	QPSK	23.39	24.00
		HIGH	QPSK	23.40	24.00
	25	LOW	QPSK	22.57	23.00
		MID	QPSK	22.54	23.00
		HIGH	QPSK	22.54	23.00
	50	LOW	QPSK	22.49	23.00
10	1	LOW	16-QAM	22.47	23.00
		MID	16-QAM	22.47	23.00
		HIGH	16-QAM	22.41	23.00
	25	LOW	16-QAM	21.58	22.00
		MID	16-QAM	21.60	22.00
		HIGH	16-QAM	21.58	22.00
	50	LOW	16-QAM	21.52	22.00
10	1	LOW	64-QAM	**21.82**	22.00
		MID	64-QAM	**21.87**	22.00
		HIGH	64-QAM	**21.80**	22.00
	25	LOW	64-QAM	**20.49**	21.00
		MID	64-QAM	**20.74**	21.00
		HIGH	64-QAM	**20.66**	21.00
	50	LOW	64-QAM	**20.43**	21.00

LTE B13-State 17 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	24.00
		MID	QPSK	**23.94**	24.00
		HIGH	QPSK	22.59	23.00
	12	LOW	QPSK	22.54	23.00
		MID	QPSK	22.51	23.00
		HIGH	QPSK	22.59	23.00
	25	LOW	QPSK	22.51	23.00
5	1	LOW	16-QAM	22.73	23.00
		MID	16-QAM	22.75	23.00
		HIGH	16-QAM	22.73	23.00
	12	LOW	16-QAM	21.62	22.00
		MID	16-QAM	21.59	22.00
		HIGH	16-QAM	21.67	22.00
	25	LOW	16-QAM	21.59	22.00
5	1	LOW	64-QAM	**21.86**	22.00
		MID	64-QAM	21.78	22.00
		HIGH	64-QAM	21.80	22.00
	12	LOW	64-QAM	20.49	21.00
		MID	64-QAM	20.46	21.00
		HIGH	64-QAM	20.58	21.00
	25	LOW	64-QAM	20.51	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
10	1	LOW	QPSK	**23.41**	24.00
		MID	QPSK	23.39	24.00
		HIGH	QPSK	23.40	24.00
	25	LOW	QPSK	22.57	23.00
		MID	QPSK	22.54	23.00
		HIGH	QPSK	22.54	23.00
	50	LOW	QPSK	22.49	23.00
10	1	LOW	16-QAM	22.47	23.00
		MID	16-QAM	22.47	23.00
		HIGH	16-QAM	22.41	23.00
	25	LOW	16-QAM	21.58	22.00
		MID	16-QAM	21.60	22.00
		HIGH	16-QAM	21.58	22.00
	50	LOW	16-QAM	21.52	22.00
10	1	LOW	64-QAM	**21.82**	22.00
		MID	64-QAM	**21.87**	22.00
		HIGH	64-QAM	**21.80**	22.00
	25	LOW	64-QAM	**20.49**	21.00
		MID	64-QAM	**20.74**	21.00
		HIGH	64-QAM	**20.66**	21.00
	50	LOW	64-QAM	**20.43**	21.00

LTE B13-State 18 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	24.00
		MID	QPSK	**23.94**	24.00
		HIGH	QPSK	22.59	23.00
	12	LOW	QPSK	22.54	23.00
		MID	QPSK	22.51	23.00
		HIGH	QPSK	22.59	23.00
	25	LOW	QPSK	22.51	23.00
5	1	LOW	16-QAM	22.73	23.00
		MID	16-QAM	22.75	23.00
		HIGH	16-QAM	22.73	23.00
	12	LOW	16-QAM	21.62	22.00
		MID	16-QAM	21.59	22.00
		HIGH	16-QAM	21.67	22.00
	25	LOW	16-QAM	21.59	22.00
5	1	LOW	64-QAM	**21.86**	22.00
		MID	64-QAM	21.78	22.00
		HIGH	64-QAM	21.80	22.00
	12	LOW	64-QAM	20.49	21.00
		MID	64-QAM	20.46	21.00
		HIGH	64-QAM	20.58	21.00
	25	LOW	64-QAM	20.51	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
10	1	LOW	QPSK	**23.41**	24.00
		MID	QPSK	23.39	24.00
		HIGH	QPSK	23.40	24.00
	25	LOW	QPSK	22.57	23.00
		MID	QPSK	22.54	23.00
		HIGH	QPSK	22.54	23.00
	50	LOW	QPSK	22.49	23.00
10	1	LOW	16-QAM	22.47	23.00
		MID	16-QAM	22.47	23.00
		HIGH	16-QAM	22.41	23.00
	25	LOW	16-QAM	21.58	22.00
		MID	16-QAM	21.60	22.00
		HIGH	16-QAM	21.58	22.00
	50	LOW	16-QAM	21.52	22.00
10	1	LOW	64-QAM	**21.82**	22.00
		MID	64-QAM	**21.87**	22.00
		HIGH	64-QAM	**21.80**	22.00
	25	LOW	64-QAM	**20.49**	21.00
		MID	64-QAM	**20.74**	21.00
		HIGH	64-QAM	**20.66**	21.00
	50	LOW	64-QAM	**20.43**	21.00

LTE B13-State 19 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	24.00
		MID	QPSK	**23.94**	24.00
		HIGH	QPSK	22.59	23.00
	12	LOW	QPSK	22.54	23.00
		MID	QPSK	22.51	23.00
		HIGH	QPSK	22.59	23.00
	25	LOW	QPSK	22.51	23.00
5	1	LOW	16-QAM	22.73	23.00
		MID	16-QAM	22.75	23.00
		HIGH	16-QAM	22.73	23.00
	12	LOW	16-QAM	21.62	22.00
		MID	16-QAM	21.59	22.00
		HIGH	16-QAM	21.67	22.00
	25	LOW	16-QAM	21.59	22.00
5	1	LOW	64-QAM	**21.86**	22.00
		MID	64-QAM	21.78	22.00
		HIGH	64-QAM	21.80	22.00
	12	LOW	64-QAM	20.49	21.00
		MID	64-QAM	20.46	21.00
		HIGH	64-QAM	20.58	21.00
	25	LOW	64-QAM	20.51	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
10	1	LOW	QPSK	**23.41**	24.00
		MID	QPSK	23.39	24.00
		HIGH	QPSK	23.40	24.00
	25	LOW	QPSK	22.57	23.00
		MID	QPSK	22.54	23.00
		HIGH	QPSK	22.54	23.00
	50	LOW	QPSK	22.49	23.00
10	1	LOW	16-QAM	22.47	23.00
		MID	16-QAM	22.47	23.00
		HIGH	16-QAM	22.41	23.00
	25	LOW	16-QAM	21.58	22.00
		MID	16-QAM	21.60	22.00
		HIGH	16-QAM	21.58	22.00
	50	LOW	16-QAM	21.52	22.00
10	1	LOW	64-QAM	**21.82**	22.00
		MID	64-QAM	**21.87**	22.00
		HIGH	64-QAM	**21.80**	22.00
	25	LOW	64-QAM	**20.49**	21.00
		MID	64-QAM	**20.74**	21.00
		HIGH	64-QAM	**20.66**	21.00
	50	LOW	64-QAM	**20.43**	21.00

LTE B13-State 20 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	24.00
		MID	QPSK	**23.94**	24.00
		HIGH	QPSK	22.59	23.00
	12	LOW	QPSK	22.54	23.00
		MID	QPSK	22.51	23.00
		HIGH	QPSK	22.59	23.00
	25	LOW	QPSK	22.51	23.00
5	1	LOW	16-QAM	22.73	23.00
		MID	16-QAM	22.75	23.00
		HIGH	16-QAM	22.73	23.00
	12	LOW	16-QAM	21.62	22.00
		MID	16-QAM	21.59	22.00
		HIGH	16-QAM	21.67	22.00
	25	LOW	16-QAM	21.59	22.00
5	1	LOW	64-QAM	**21.86**	22.00
		MID	64-QAM	21.78	22.00
		HIGH	64-QAM	21.80	22.00
	12	LOW	64-QAM	20.49	21.00
		MID	64-QAM	20.46	21.00
		HIGH	64-QAM	20.58	21.00
	25	LOW	64-QAM	20.51	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23/230	Tune-up power(dBm)
10	1	LOW	QPSK	**23.41**	24.00
		MID	QPSK	23.39	24.00
		HIGH	QPSK	23.40	24.00
	25	LOW	QPSK	22.57	23.00
		MID	QPSK	22.54	23.00
		HIGH	QPSK	22.54	23.00
	50	LOW	QPSK	22.49	23.00
10	1	LOW	16-QAM	22.47	23.00
		MID	16-QAM	22.47	23.00
		HIGH	16-QAM	22.41	23.00
	25	LOW	16-QAM	21.58	22.00
		MID	16-QAM	21.60	22.00
		HIGH	16-QAM	21.58	22.00
	50	LOW	16-QAM	21.52	22.00
10	1	LOW	64-QAM	**21.82**	22.00
		MID	64-QAM	**21.87**	22.00
		HIGH	64-QAM	**21.80**	22.00
	25	LOW	64-QAM	**20.49**	21.00
		MID	64-QAM	**20.74**	21.00
		HIGH	64-QAM	**20.66**	21.00
	50	LOW	64-QAM	**20.43**	21.00

8.3.7 LTE Band17 Output Power

LTE B17-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23825	Tune-up power(dB)
5	1	LOW	QPSK	23.10	23.10	23.10	23.00
		MID	QPSK	**23.31**	23.22	**23.31**	23.00
		HIGH	QPSK	23.03	23.17	23.11	23.00
	12	LOW	QPSK	22.14	22.21	22.19	23.00
		MID	QPSK	22.45	22.23	22.19	23.00
		HIGH	QPSK	22.19	22.23	22.19	23.00
	25	LOW	QPSK	22.23	22.13	22.14	23.00
5	1	LOW	16QAM	21.22	21.10	21.10	22.00
		MID	QPSK	22.42	22.25	22.28	23.00
		HIGH	QPSK	22.37	22.12	22.21	23.00
	12	LOW	QPSK	21.20	21.30	21.20	22.00
		MID	QPSK	21.29	21.40	21.31	22.00
		HIGH	QPSK	21.29	21.40	21.31	22.00
	25	LOW	QPSK	21.30	21.23	21.11	22.00
5	1	LOW	64QAM	21.30	21.89	21.39	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.57	21.89	21.37	22.00
	12	LOW	64QAM	20.30	20.40	20.31	21.00
		MID	64QAM	20.60	20.61	20.33	21.00
		HIGH	64QAM	20.53	20.62	20.42	21.00
	25	LOW	64QAM	20.36	20.17	20.22	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23800	Tune-up power(dB)
10	1	LOW	QPSK	23.16	**23.18**	23.09	24.00
		MID	QPSK	23.11	23.13	23.14	24.00
		HIGH	QPSK	23.03	23.11	23.16	24.00
	25	LOW	QPSK	22.17	22.22	22.19	23.00
		MID	QPSK	22.31	22.30	22.15	23.00
		HIGH	QPSK	22.22	22.22	22.19	23.00
	50	LOW	QPSK	**22.25**	22.25	22.19	23.00
10	1	LOW	16QAM	22.17	22.03	22.20	23.00
		MID	QPSK	22.14	22.60	22.21	23.00
		HIGH	QPSK	22.13	**22.61**	22.20	23.00
	25	LOW	QPSK	21.27	21.31	21.38	22.00
		MID	QPSK	21.22	21.29	21.40	22.00
		HIGH	QPSK	21.27	21.31	21.38	22.00
	50	LOW	QPSK	21.27	21.25	21.25	22.00
10	1	LOW	64QAM	21.26	21.39	21.22	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.48	21.60	21.13	22.00
	25	LOW	64QAM	20.32	20.19	20.38	21.00
		MID	64QAM	20.58	20.31	20.38	21.00
		HIGH	64QAM	20.60	20.50	20.12	21.00
	50	LOW	64QAM	20.27	20.25	20.25	21.00

LTE B17-State 17 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23825	Tune-up power(dB)
5	1	LOW	QPSK	23.10	23.10	23.10	23.00
		MID	QPSK	**23.31**	23.22	**23.31**	23.00
		HIGH	QPSK	23.03	23.17	23.11	23.00
	12	LOW	QPSK	22.14	22.21	22.19	23.00
		MID	QPSK	22.45	22.23	22.19	23.00
		HIGH	QPSK	22.19	22.23	22.19	23.00
	25	LOW	QPSK	22.23	22.13	22.14	23.00
5	1	LOW	16QAM	21.22	21.10	21.10	22.00
		MID	QPSK	22.42	22.25	22.28	23.00
		HIGH	QPSK	22.37	22.12	22.21	23.00
	12	LOW	QPSK	21.20	21.30	21.20	22.00
		MID	QPSK	21.29	21.40	21.31	22.00
		HIGH	QPSK	21.29	21.40	21.31	22.00
	25	LOW	QPSK	21.30	21.23	21.11	22.00
5	1	LOW	64QAM	21.30	21.89	21.39	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.57	21.89	21.37	22.00
	12	LOW	64QAM	20.30	20.40	20.31	21.00
		MID	64QAM	20.60	20.61	20.33	21.00
		HIGH	64QAM	20.53	20.62	20.42	21.00
	25	LOW	64QAM	20.36	20.17	20.22	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23800	Tune-up power(dB)
10	1	LOW	QPSK	23.16	**23.18**	23.09	24.00
		MID	QPSK	23.11	23.13	23.14	24.00
		HIGH	QPSK	23.03	23.11	23.16	24.00
	25	LOW	QPSK	22.17	22.22	22.19	23.00
		MID	QPSK	22.31	22.30	22.15	23.00
		HIGH	QPSK	22.22	22.22	22.19	23.00
	50	LOW	QPSK	**22.25**	22.25	22.19	23.00
10	1	LOW	16QAM	22.17	22.03	22.20	23.00
		MID	QPSK	22.14	22.60	22.21	23.00
		HIGH	QPSK	22.13	**22.61**	22.20	23.00
	25	LOW	QPSK	21.27	21.31	21.38	22.00
		MID	QPSK	21.22	21.29	21.40	22.00
		HIGH	QPSK	21.27	21.31	21.38	22.00
	50	LOW	QPSK	21.27	21.25	21.25	22.00
10	1	LOW	64QAM	21.26	21.39	21.22	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.48	21.60	21.13	22.00
	25	LOW	64QAM	20.32	20.19	20.38	21.00
		MID	64QAM	20.58	20.31	20.38	21.00
		HIGH	64QAM	20.60	20.50	20.12	21.00
	50	LOW	64QAM	20.27	20.25	20.25	21.00

LTE B17-State 18 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23825	Tune-up power(dB)
5	1	LOW	QPSK	23.10	23.10	23.10	23.00
		MID	QPSK	**23.31**	23.22	**23.31**	23.00
		HIGH	QPSK	23.03	23.17	23.11	23.00
	12	LOW	QPSK	22.14	22.21	22.19	23.00
		MID	QPSK	22.45	22.23	22.19	23.00
		HIGH	QPSK	22.19	22.23	22.19	23.00
	25	LOW	QPSK	22.23	22.13	22.14	23.00
5	1	LOW	16QAM	21.22	21.10	21.10	22.00
		MID	QPSK	22.42	22.25	22.28	23.00
		HIGH	QPSK	22.37	22.12	22.21	23.00
	12	LOW	QPSK	21.20	21.30	21.20	22.00
		MID	QPSK	21.29	21.40	21.31	22.00
		HIGH	QPSK	21.29	21.40	21.31	22.00
	25	LOW	QPSK	21.30	21.23	21.11	22.00
5	1	LOW	64QAM	21.30	21.89	21.39	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.57	21.89	21.37	22.00
	12	LOW	64QAM	20.30	20.40	20.31	21.00
		MID	64QAM	20.60	20.61	20.33	21.00
		HIGH	64QAM	20.53	20.62	20.42	21.00
	25	LOW	64QAM	20.36	20.17	20.22	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23800	Tune-up power(dB)
10	1	LOW	QPSK	23.16	**23.18**	23.09	24.00
		MID	QPSK	23.11	23.13	23.14	24.00
		HIGH	QPSK	23.03	23.11	23.16	24.00
	25	LOW	QPSK	22.17	22.22	22.19	23.00
		MID	QPSK	22.31	22.30	22.15	23.00
		HIGH	QPSK	22.22	22.22	22.19	23.00
	50	LOW	QPSK	**22.25**	22.25	22.19	23.00
10	1	LOW	16QAM	22.17	22.03	22.20	23.00
		MID	QPSK	22.14	22.60	22.21	23.00
		HIGH	QPSK	22.13	**22.61**	22.20	23.00
	25	LOW	QPSK	21.27	21.31	21.38	22.00
		MID	QPSK	21.22	21.29	21.40	22.00
		HIGH	QPSK	21.27	21.31	21.38	22.00
	50	LOW	QPSK	21.27	21.25	21.25	22.00
10	1	LOW	64QAM	21.26	21.39	21.22	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.48	21.60	21.13	22.00
	25	LOW	64QAM	20.32	20.19	20.38	21.00
		MID	64QAM	20.58	20.31	20.38	21.00
		HIGH	64QAM	20.60	20.50	20.12	21.00
	50	LOW	64QAM	20.27	20.25	20.25	21.00

LTE B17-State 19 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23825	Tune-up power(dB)
5	1	LOW	QPSK	23.10	23.10	23.10	23.00
		MID	QPSK	**23.31**	23.22	**23.31**	23.00
		HIGH	QPSK	23.03	23.17	23.11	23.00
	12	LOW	QPSK	22.14	22.21	22.19	23.00
		MID	QPSK	22.45	22.23	22.19	23.00
		HIGH	QPSK	22.19	22.23	22.19	23.00
	25	LOW	QPSK	22.23	22.13	22.14	23.00
5	1	LOW	16QAM	21.22	21.10	21.10	22.00
		MID	QPSK	22.42	22.25	22.28	23.00
		HIGH	QPSK	22.37	22.12	22.21	23.00
	12	LOW	QPSK	21.20	21.30	21.20	22.00
		MID	QPSK	21.29	21.40	21.31	22.00
		HIGH	QPSK	21.29	21.40	21.31	22.00
	25	LOW	QPSK	21.30	21.23	21.11	22.00
5	1	LOW	64QAM	21.30	21.89	21.39	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.57	21.89	21.37	22.00
	12	LOW	64QAM	20.30	20.40	20.31	21.00
		MID	64QAM	20.60	20.61	20.33	21.00
		HIGH	64QAM	20.53	20.62	20.42	21.00
	25	LOW	64QAM	20.36	20.17	20.22	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23800	Tune-up power(dB)
10	1	LOW	QPSK	23.16	**23.18**	23.09	24.00
		MID	QPSK	23.11	23.13	23.14	24.00
		HIGH	QPSK	23.03	23.11	23.16	24.00
	25	LOW	QPSK	22.17	22.22	22.19	23.00
		MID	QPSK	22.31	22.30	22.15	23.00
		HIGH	QPSK	22.22	22.22	22.19	23.00
	50	LOW	QPSK	**22.25**	22.25	22.19	23.00
10	1	LOW	16QAM	22.17	22.03	22.20	23.00
		MID	QPSK	22.14	22.60	22.21	23.00
		HIGH	QPSK	22.13	**22.61**	22.20	23.00
	25	LOW	QPSK	21.27	21.31	21.38	22.00
		MID	QPSK	21.22	21.29	21.40	22.00
		HIGH	QPSK	21.27	21.31	21.38	22.00
	50	LOW	QPSK	21.27	21.25	21.25	22.00
10	1	LOW	64QAM	21.26	21.39	21.22	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.48	21.60	21.13	22.00
	25	LOW	64QAM	20.32	20.19	20.38	21.00
		MID	64QAM	20.58	20.31	20.38	21.00
		HIGH	64QAM	20.60	20.50	20.12	21.00
	50	LOW	64QAM	20.27	20.25	20.25	21.00

LTE B17-State 20 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23825	Tune-up power(dB)
5	1	LOW	QPSK	23.10	23.10	23.10	23.00
		MID	QPSK	**23.31**	23.22	**23.31**	23.00
		HIGH	QPSK	23.03	23.17	23.11	23.00
	12	LOW	QPSK	22.14	22.21	22.19	23.00
		MID	QPSK	22.45	22.23	22.19	23.00
		HIGH	QPSK	22.19	22.23	22.19	23.00
	25	LOW	QPSK	22.23	22.13	22.14	23.00
5	1	LOW	16QAM	21.22	21.10	21.10	22.00
		MID	QPSK	22.42	22.25	22.28	23.00
		HIGH	QPSK	22.37	22.12	22.21	23.00
	12	LOW	QPSK	21.20	21.30	21.20	22.00
		MID	QPSK	21.29	21.40	21.31	22.00
		HIGH	QPSK	21.29	21.40	21.31	22.00
	25	LOW	QPSK	21.30	21.23	21.11	22.00
5	1	LOW	64QAM	21.30	21.89	21.39	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.57	21.89	21.37	22.00
	12	LOW	64QAM	20.30	20.40	20.31	21.00
		MID	64QAM	20.60	20.61	20.33	21.00
		HIGH	64QAM	20.53	20.62	20.42	21.00
	25	LOW	64QAM	20.36	20.17	20.22	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23730	23790	23800	Tune-up power(dB)
10	1	LOW	QPSK	23.16	**23.18**	23.09	24.00
		MID	QPSK	23.11	23.13	23.14	24.00
		HIGH	QPSK	23.03	23.11	23.16	24.00
	25	LOW	QPSK	22.17	22.22	22.19	23.00
		MID	QPSK	22.31	22.30	22.15	23.00
		HIGH	QPSK	22.22	22.22	22.19	23.00
	50	LOW	QPSK	**22.25**	22.25	22.19	23.00
10	1	LOW	16QAM	22.17	22.03	22.20	23.00
		MID	QPSK	22.14	22.60	22.21	23.00
		HIGH	QPSK	22.13	**22.61**	22.20	23.00
	25	LOW	QPSK	21.27	21.31	21.38	22.00
		MID	QPSK	21.22	21.29	21.40	22.00
		HIGH	QPSK	21.27	21.31	21.38	22.00
	50	LOW	QPSK	21.27	21.25	21.25	22.00
10	1	LOW	64QAM	21.26	21.39	21.22	22.00
		MID	64QAM	21.57	21.81	21.40	22.00
		HIGH	64QAM	21.48	21.60	21.13	22.00
	25	LOW	64QAM	20.32	20.19	20.38	21.00
		MID	64QAM	20.58	20.31	20.38	21.00
		HIGH	64QAM	20.60	20.50	20.12	21.00
	50	LOW	64QAM	20.27	20.25	20.25	21.00

LTE B17-Full Power -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	22.40	22.47	23.41	24.00
		MID	QPSK	22.49	22.52	23.48	24.00
		HIGH	QPSK	22.50	**23.50**	23.44	24.00
	12	LOW	QPSK	22.40	22.46	22.44	23.00
		MID	QPSK	22.49	22.52	22.48	23.00
		HIGH	QPSK	22.50	22.54	22.51	23.00
	25	LOW	QPSK	22.51	22.43	22.45	23.00
5	1	LOW	QPSK	22.89	22.96	22.64	23.50
		MID	QPSK	22.79	22.92	22.71	23.50
		HIGH	QPSK	22.71	23.00	22.65	23.50
	12	LOW	QPSK	21.57	21.62	21.55	22.50
		MID	QPSK	21.60	21.79	21.61	22.50
		HIGH	QPSK	21.61	21.72	21.63	22.50
	25	LOW	QPSK	21.68	21.61	21.63	22.50
5	1	LOW	64QAM	21.89	21.96	21.58	22.50
		MID	64QAM	21.89	22.23	21.72	22.50
		HIGH	64QAM	21.76	22.06	21.53	22.50
	12	LOW	64QAM	20.69	20.65	20.64	21.50
		MID	64QAM	20.72	20.86	20.49	21.50
		HIGH	64QAM	20.49	20.94	20.61	21.50
	25	LOW	64QAM	20.48	20.38	20.54	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.45	**23.49**	23.39	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.49	23.51	23.53	24.00
	25	LOW	QPSK	22.52	**22.62**	22.47	23.50
		MID	QPSK	22.58	22.64	22.61	23.50
		HIGH	QPSK	22.57	22.63	22.63	23.50
	50	LOW	QPSK	22.58	22.46	22.52	23.50
10	1	LOW	QPSK	22.49	22.52	22.46	23.50
		MID	QPSK	22.51	22.57	22.49	23.50
		HIGH	QPSK	22.52	**22.55**	22.55	23.50
	25	LOW	QPSK	21.52	21.64	21.68	22.50
		MID	QPSK	21.61	21.62	21.68	22.50
		HIGH	QPSK	21.60	21.64	21.68	22.50
	50	LOW	QPSK	21.62	21.48	21.68	22.50
10	1	LOW	64QAM	21.49	21.56	21.58	22.50
		MID	64QAM	21.51	21.55	21.49	22.50
		HIGH	64QAM	21.35	21.56	21.58	22.50
	25	LOW	64QAM	20.52	20.64	20.58	21.50
		MID	64QAM	20.70	20.67	20.55	21.50
		HIGH	64QAM	20.52	20.67	20.64	21.50
	50	LOW	64QAM	20.49	20.52	20.49	21.50

LTE B17-State 17 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.48	23.47	23.41	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.18	**23.50**	23.44	24.00
	12	LOW	QPSK	22.50	22.45	22.44	23.00
		MID	QPSK	22.49	22.52	22.48	23.00
		HIGH	QPSK	22.51	22.52	22.51	23.00
	25	LOW	QPSK	22.51	22.42	22.49	23.00
5	1	LOW	QS	22.98	22.98	22.64	23.50
		MID	QS	22.79	22.92	22.71	23.50
		HIGH	QS	22.71	23.00	22.65	23.50
	12	LOW	QS	21.57	21.63	21.55	22.50
		MID	QS	21.60	21.75	21.61	22.50
		HIGH	QS	21.61	21.72	21.63	22.50
	25	LOW	QS	21.68	21.61	21.63	22.50
5	1	LOW	64QAM	21.68	21.96	21.58	22.50
		MID	64QAM	21.68	22.23	21.72	22.50
		HIGH	64QAM	21.76	22.05	21.55	22.50
	12	LOW	64QAM	20.69	20.65	20.62	21.50
		MID	64QAM	20.77	20.86	20.49	21.50
		HIGH	64QAM	20.48	20.92	20.61	21.50
	25	LOW	64QAM	20.48	20.38	20.54	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.55	**23.49**	23.38	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.49	23.51	23.53	24.00
	25	LOW	QPSK	22.48	**22.62**	22.47	23.50
		MID	QPSK	22.58	22.64	22.61	23.50
		HIGH	QPSK	22.57	22.63	22.63	23.50
	50	LOW	QPSK	22.58	22.46	22.52	23.50
10	1	LOW	QS	22.44	22.52	22.46	23.50
		MID	QS	22.49	22.57	22.49	23.50
		HIGH	QS	22.50	**22.55**	22.55	23.50
	25	LOW	QS	21.52	21.64	21.68	22.50
		MID	QS	21.61	21.62	21.68	22.50
		HIGH	QS	21.52	21.64	21.68	22.50
	50	LOW	QS	21.55	21.48	21.54	22.50
10	1	LOW	64QAM	21.40	21.56	21.58	22.50
		MID	64QAM	21.51	21.55	21.49	22.50
		HIGH	64QAM	21.35	21.56	21.58	22.50
	25	LOW	64QAM	20.52	20.64	20.58	21.50
		MID	64QAM	20.70	20.67	20.55	21.50
		HIGH	64QAM	20.52	20.67	20.64	21.50
	50	LOW	64QAM	20.49	20.52	20.49	21.50

LTE B17-State 18 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.38	23.47	23.41	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.38	**23.50**	23.44	24.00
	12	LOW	QPSK	22.52	22.45	22.44	23.00
		MID	QPSK	22.49	22.52	22.48	23.00
		HIGH	QPSK	22.51	22.52	22.51	23.00
	25	LOW	QPSK	22.51	22.43	22.49	23.00
5	1	LOW	QS	22.98	22.98	22.68	23.50
		MID	QS	22.79	22.92	22.71	23.50
		HIGH	QS	22.71	23.00	22.65	23.50
	12	LOW	QS	21.57	21.63	21.55	22.50
		MID	QS	21.60	21.75	21.61	22.50
		HIGH	QS	21.61	21.72	21.63	22.50
	25	LOW	QS	21.68	21.61	21.63	22.50
5	1	LOW	64QAM	21.68	21.96	21.58	22.50
		MID	64QAM	21.68	22.23	21.72	22.50
		HIGH	64QAM	21.76	22.05	21.55	22.50
	12	LOW	64QAM	20.69	20.65	20.62	21.50
		MID	64QAM	20.77	20.86	20.49	21.50
		HIGH	64QAM	20.48	20.92	20.61	21.50
	25	LOW	64QAM	20.48	20.38	20.54	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.55	**23.49**	23.38	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.49	23.51	23.53	24.00
	25	LOW	QPSK	22.48	**22.62**	22.47	23.50
		MID	QPSK	22.58	22.64	22.61	23.50
		HIGH	QPSK	22.57	22.63	22.63	23.50
	50	LOW	QPSK	22.58	22.46	22.52	23.50
10	1	LOW	QS	22.44	22.52	22.46	23.50
		MID	QS	22.49	22.57	22.49	23.50
		HIGH	QS	22.50	**22.55**	22.55	23.50
	25	LOW	QS	21.52	21.64	21.68	22.50
		MID	QS	21.61	21.62	21.68	22.50
		HIGH	QS	21.52	21.64	21.68	22.50
	50	LOW	QS	21.55	21.48	21.54	22.50
10	1	LOW	64QAM	21.40	21.56	21.58	22.50
		MID	64QAM	21.51	21.55	21.49	22.50
		HIGH	64QAM	21.35	21.56	21.58	22.50
	25	LOW	64QAM	20.52	20.64	20.58	21.50
		MID	64QAM	20.70	20.67	20.55	21.50
		HIGH	64QAM	20.52	20.67	20.64	21.50
	50	LOW	64QAM	20.49	20.52	20.49	21.50

LTE B17-State 19 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.40	23.47	23.41	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.39	**23.50**	23.44	24.00
	12	LOW	QPSK	22.49	22.46	22.44	23.00
		MID	QPSK	22.49	22.52	22.48	23.00
		HIGH	QPSK	22.50	22.54	22.51	23.00
	25	LOW	QPSK	22.51	22.43	22.49	23.00
5	1	LOW	QS	22.98	22.98	22.68	23.50
		MID	QS	22.79	22.91	22.71	23.50
		HIGH	QS	22.71	23.00	22.65	23.50
	12	LOW	QS	21.57	21.62	21.55	22.50
		MID	QS	21.60	21.79	21.61	22.50
		HIGH	QS	21.61	21.72	21.63	22.50
	25	LOW	QS	21.68	21.61	21.63	22.50
5	1	LOW	64QAM	21.68	21.96	21.58	22.50
		MID	64QAM	21.68	22.23	21.72	22.50
		HIGH	64QAM	21.76	22.06	21.53	22.50
	12	LOW	64QAM	20.69	20.66	20.62	21.50
		MID	64QAM	20.77	20.86	20.49	21.50
		HIGH	64QAM	20.48	20.93	20.61	21.50
	25	LOW	64QAM	20.48	20.38	20.54	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.55	**23.49**	23.38	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.49	23.51	23.53	24.00
	25	LOW	QPSK	22.48	**22.62**	22.47	23.50
		MID	QPSK	22.58	22.64	22.61	23.50
		HIGH	QPSK	22.57	22.63	22.63	23.50
	50	LOW	QPSK	22.58	22.46	22.52	23.50
10	1	LOW	QS	22.44	22.52	22.46	23.50
		MID	QS	22.49	22.57	22.49	23.50
		HIGH	QS	22.50	**22.55**	22.55	23.50
	25	LOW	QS	21.52	21.64	21.68	22.50
		MID	QS	21.61	21.62	21.68	22.50
		HIGH	QS	21.52	21.64	21.68	22.50
	50	LOW	QS	21.55	21.48	21.54	22.50
10	1	LOW	64QAM	21.40	21.56	21.58	22.50
		MID	64QAM	21.51	21.55	21.49	22.50
		HIGH	64QAM	21.35	21.56	21.58	22.50
	25	LOW	64QAM	20.52	20.64	20.58	21.50
		MID	64QAM	20.70	20.67	20.55	21.50
		HIGH	64QAM	20.52	20.67	20.64	21.50
	50	LOW	64QAM	20.49	20.52	20.49	21.50

LTE B17-State 20 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.48	23.47	23.41	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.50	23.50	23.44	24.00
	12	LOW	QPSK	22.49	22.46	22.44	23.00
		MID	QPSK	22.49	22.52	22.48	23.00
		HIGH	QPSK	22.50	22.53	22.51	23.00
	25	LOW	QPSK	22.51	22.43	22.49	23.00
5	1	LOW	QS	22.98	22.98	22.68	23.50
		MID	QS	22.79	22.91	22.71	23.50
		HIGH	QS	22.71	23.00	22.65	23.50
	12	LOW	QS	21.57	21.62	21.55	22.50
		MID	QS	21.60	21.79	21.61	22.50
		HIGH	QS	21.61	21.72	21.63	22.50
	25	LOW	QS	21.68	21.61	21.63	22.50
5	1	LOW	64QAM	21.68	21.96	21.58	22.50
		MID	64QAM	21.68	22.23	21.72	22.50
		HIGH	64QAM	21.76	22.06	21.53	22.50
	12	LOW	64QAM	20.69	20.66	20.62	21.50
		MID	64QAM	20.77	20.86	20.49	21.50
		HIGH	64QAM	20.48	20.93	20.61	21.50
	25	LOW	64QAM	20.48	20.38	20.54	21.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.55	**23.49**	23.38	24.00
		MID	QPSK	23.49	23.52	23.48	24.00
		HIGH	QPSK	23.49	23.51	23.53	24.00
	25	LOW	QPSK	22.48	**22.62**	22.47	23.50
		MID	QPSK	22.58	22.64	22.61	23.50
		HIGH	QPSK	22.57	22.63	22.63	23.50
	50	LOW	QPSK	22.58	22.46	22.52	23.50
10	1	LOW	QS	22.44	22.52	22.46	23.50
		MID	QS	22.49	22.57	22.49	23.50
		HIGH	QS	22.50	**22.55**	22.55	23.50
	25	LOW	QS	21.52	21.64	21.68	22.50
		MID	QS	21.61	21.62	21.68	22.50
		HIGH	QS	21.52	21.64	21.68	22.50
	50	LOW	QS	21.55	21.48	21.54	22.50
10	1	LOW	64QAM	21.40	21.56	21.58	22.50
		MID	64QAM	21.51	21.55	21.49	22.50
		HIGH	64QAM	21.35	21.56	21.58	22.50
	25	LOW	64QAM	20.52	20.64	20.58	21.50
		MID	64QAM	20.70	20.67	20.55	21.50
		HIGH	64QAM	20.52	20.67	20.64	21.50
	50	LOW	64QAM	20.49	20.52	20.49	21.50

8.3.8 LTE Band26 Output Power

LTE B26-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.03	22.81	24.00
		MID	QPSK	23.27	23.12	22.91	24.00
		HIGH	QPSK	23.10	23.11	22.89	24.00
	3	LOW	QPSK	**23.30**	23.07	22.91	24.00
		MID	QPSK	23.16	23.12	22.97	24.00
		HIGH	QPSK	23.12	23.11	22.89	24.00
	6	LOW	QPSK	**23.20**	22.93	22.87	24.00
		MID	QPSK	23.20	22.98	22.88	24.00
		HIGH	QPSK	22.97	22.85	21.99	23.00
1.4	1	LOW	QAM	22.90	22.92	22.87	23.00
		MID	QAM	22.90	22.93	22.87	23.00
		HIGH	QAM	22.90	22.91	22.87	23.00
	3	LOW	QAM	21.90	21.93	21.91	22.00
		MID	QAM	21.90	21.93	21.91	22.00
		HIGH	QAM	21.90	21.91	21.91	22.00
	6	LOW	QAM	21.40	21.41	20.84	22.00
		MID	QAM	21.40	21.33	21.16	22.00
		HIGH	QAM	21.40	21.35	21.13	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	**23.30**	23.14	23.09	24.00
		MID	QPSK	23.20	23.21	23.06	24.00
		HIGH	QPSK	23.14	23.11	22.89	24.00
	8	LOW	QPSK	23.20	23.04	22.92	24.00
		MID	QPSK	23.20	23.03	22.93	24.00
		HIGH	QPSK	23.00	22.93	22.68	23.00
	15	LOW	QPSK	22.90	22.92	22.87	23.00
		MID	QPSK	22.90	22.91	22.87	23.00
		HIGH	QPSK	22.90	22.90	22.87	23.00
3	1	LOW	QAM	22.90	22.79	22.79	23.00
		MID	QAM	22.90	22.79	22.79	23.00
		HIGH	QAM	22.90	22.79	22.79	23.00
	8	LOW	QAM	21.90	21.78	21.77	22.00
		MID	QAM	21.90	21.78	21.77	22.00
		HIGH	QAM	21.90	21.78	21.77	22.00
	15	LOW	QAM	21.40	21.28	21.27	22.00
		MID	QAM	21.40	21.28	21.27	22.00
		HIGH	QAM	21.40	21.28	21.27	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	**23.27**	23.23	23.08	24.00
		MID	QPSK	**23.27**	23.19	23.02	24.00
		HIGH	QPSK	23.12	23.18	22.82	23.00
	12	LOW	QPSK	23.20	22.98	22.88	23.00
		MID	QPSK	23.20	22.97	22.93	23.00
		HIGH	QPSK	22.20	22.18	21.89	23.00
	25	LOW	QPSK	22.20	22.18	22.07	23.00
		MID	QPSK	22.20	22.15	22.03	23.00
		HIGH	QPSK	22.20	22.03	22.21	23.00
5	1	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.27	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	12	LOW	QAM	20.20	20.23	20.19	21.00
		MID	QAM	20.20	20.23	20.19	21.00
		HIGH	QAM	20.20	20.13	20.12	21.00
	25	LOW	QAM	20.20	20.18	20.15	21.00
		MID	QAM	20.20	20.15	20.14	21.00
		HIGH	QAM	20.20	20.03	20.21	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	**23.20**	23.17	23.12	24.00
		MID	QPSK	23.12	23.13	23.07	24.00
		HIGH	QPSK	23.09	23.12	23.00	24.00
	25	LOW	QPSK	22.20	22.23	22.19	23.00
		MID	QPSK	22.20	22.22	22.19	23.00
		HIGH	QPSK	22.20	22.21	22.19	23.00
	50	LOW	QPSK	22.20	22.20	22.18	23.00
		MID	QPSK	22.20	22.69	22.18	23.00
		HIGH	QPSK	22.10	22.61	22.05	23.00
10	1	LOW	QAM	20.10	20.21	20.05	21.00
		MID	QAM	20.10	20.21	20.05	21.00
		HIGH	QAM	20.10	20.21	20.05	21.00
	25	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	50	LOW	QAM	21.20	21.20	21.18	22.00
		MID	QAM	21.20	21.69	21.18	22.00
		HIGH	QAM	21.10	21.61	21.05	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.11	**23.13**	23.09	24.00
		MID	QPSK	23.11	23.12	23.07	24.00
		HIGH	QPSK	23.09	23.03	22.95	24.00
	36	LOW	QPSK	23.07	**22.97**	22.95	24.00
		MID	QPSK	22.20	22.22	22.19	23.00
		HIGH	QPSK	22.20	22.21	22.19	23.00
	75	LOW	QPSK	**22.21**	**22.21**	22.19	23.00
		MID	QPSK	22.19	22.19	22.18	23.00
		HIGH	QPSK	22.19	22.19	22.18	23.00
15	1	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	36	LOW	QAM	21.20	21.20	21.18	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	75	LOW	QAM	21.20	21.19	21.18	22.00
15	1	LOW	64QAM	21.10	21.08	21.02	22.00
		MID	64QAM	21.10	21.08	21.02	22.00
		HIGH	64QAM	21.10	21.04	20.96	22.00
	36	LOW	64QAM	20.20	20.23	20.19	21.00
		MID	64QAM	20.20	20.21	20.19	21.00
		HIGH	64QAM	20.20	20.03	20.21	21.00
	75	LOW	64QAM	20.20	20.20	20.17	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.20	23.05	22.81	24.00
		MID	QPSK	23.20	23.12	22.91	24.00
		HIGH	QPSK	23.16	23.11	22.89	24.00
	3	LOW	QPSK	**23.20**	23.07	22.91	24.00
		MID	QPSK	23.16	23.12	22.97	24.00
		HIGH	QPSK	23.12	23.11	22.89	24.00
	6	LOW	QPSK	**23.20**	22.93	22.87	24.00
		MID	QPSK	23.20	22.98	22.88	24.00
		HIGH	QPSK	22.97	22.85	21.99	23.00
1.4	1	LOW	QAM	22.90	22.92	22.87	23.00
		MID	QAM	22.90	22.93	22.87	23.00
		HIGH	QAM	22.90	22.91	22.87	23.00
	3	LOW	QAM	21.90	21.93	21.91	22.00
		MID	QAM	21.90	21.93	21.91	22.00
		HIGH	QAM	21.90	21.91	21.91	22.00
	6	LOW	QAM	21.40	21.41	20.84	22.00
		MID	QAM	21.40	21.33	21.16	22.00
		HIGH	QAM	21.40	21.35	21.13	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	**23.20**	23.14	23.09	24.00
		MID	QPSK	23.20	23.21	23.06	24.00
		HIGH	QPSK	23.14	23.11	22.89	24.00
	8	LOW	QPSK	23.20	23.04	22.92	24.00
		MID	QPSK	23.20	23.03	22.93	24.00
		HIGH	QPSK	23.00	22.93	22.68	23.00
	15	LOW	QPSK	22.90	22.92	22.87	23.00
		MID	QPSK	22.90	22.91	22.87	23.00
		HIGH	QPSK	22.90	22.90	22.87	23.00
3	1	LOW	QAM	22.90	22.79	22.79	23.00
		MID	QAM	22.90	22.79	22.79	23.00
		HIGH	QAM	22.90	22.79	22.79	23.00
	8	LOW	QAM	21.90	21.78	21.77	22.00
		MID	QAM	21.90	21.78	21.77	22.00
		HIGH	QAM	21.90	21.78	21.77	22.00
	15	LOW	QAM	21.40	21.28	21.27	22.00
		MID	QAM	21.40	21.28	21.27	22.00
		HIGH	QAM	21.40	21.28	21.27	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	**23.27**	23.23	23.08	24.00
		MID	QPSK	**23.27**	23.19	23.02	24.00
		HIGH	QPSK	23.12	23.18	22.82	23.00
	12	LOW	QPSK	23.20	22.98	22.88	23.00
		MID	QPSK	23.20	22.97	22.93	23.00
		HIGH	QPSK	22.20	22.18	21.89	23.00
	25	LOW	QPSK	22.20	22.18	22.07	23.00
		MID	QPSK	22.20	22.15	22.03	23.00
		HIGH	QPSK	22.20	22.03	22.21	23.00
5	1	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.27	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	12	LOW	QAM	20.20	20.23	20.19	21.00
		MID	QAM	20.20	20.23	20.19	21.00
		HIGH	QAM	20.20	20.13	20.12	21.00
	25	LOW	QAM	20.20	20.18	20.15	21.00
		MID	QAM	20.20	20.15	20.14	21.00
		HIGH	QAM	20.20	20.03	20.21	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	**23.20**	23.17	23.12	24.00
		MID	QPSK	23.12	23.13	23.07	24.00
		HIGH	QPSK	23.09	23.12	23.00	24.00
	25	LOW	QPSK	22.20	22.23	22.19	23.00
		MID	QPSK	22.20	22.22	22.19	23.00
		HIGH	QPSK	22.20	22.21	22.19	23.00
	50	LOW	QPSK	22.20	22.20	22.18	23.00
		MID	QPSK	22.20	22.69	22.18	23.00
		HIGH	QPSK	22.10	22.61	22.05	23.00
10	1	LOW	QAM	20.10	20.21	20.05	21.00
		MID	QAM	20.10	20.21	20.05	21.00
		HIGH	QAM	20.10	20.21	20.05	21.00
	25	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	50	LOW	QAM	21.20	21.20	21.18	22.00
		MID	QAM	21.20	21.69	21.18	22.00
		HIGH	QAM	21.10	21.61	21.05	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.11	**23.13**	23.09	24.00
		MID	QPSK	23.11	23.12	23.07	24.00
		HIGH	QPSK	23.09	23.03	22.95	24.00
	36	LOW	QPSK	23.07	**22.97**	22.95	24.00
		MID	QPSK	22.20	22.22	22.19	23.00
		HIGH	QPSK	22.20	22.21	22.19	23.00
	75	LOW	QPSK	**22.21**	**22.21**	22.19	23.00
		MID	QPSK	22.19	22.19	22.18	23.00
		HIGH	QPSK	22.19	22.19	22.18	23.00
15	1	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	36	LOW	QAM	21.20	21.20	21.18	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	75	LOW	QAM	21.20	21.19	21.18	22.00
15	1	LOW	64QAM	21.10	21.08	21.02	22.00
		MID	64QAM	21.10	21.08	21.02	22.00
		HIGH	64QAM	21.10	21.04	20.96	22.00
	36	LOW	64QAM	20.20	20.23	20.19	21.00
		MID	64QAM	20.20	20.21	20.19	21.00
		HIGH	64QAM	20.20	20.03	20.21	21.00
	75	LOW	64QAM	20.20	20.20	20.17	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.22	22.09	21.80	23.00
		MID	QPSK	22.22	22.09	21.80	23.00
		HIGH	QPSK	22.14	22.07	21.83	23.00
	3	LOW	QPSK	22.20	22.07	21.80	23.00
		MID	QPSK	22.21	22.13	21.86	23.00
		HIGH	QPSK	22.12	22.07	21.83	23.00
	6	LOW	QPSK	22.20	22.12	21.86	23.00
		MID	QPSK	22.20	22.12	21.86	23.00
		HIGH	QPSK	22.07	22.06	21.59	22.00
1.4	1	LOW	QAM	21.20	21.09	20.80	22.00
		MID	QAM	21.20	21.09	20.80	22.00
		HIGH	QAM	21.20	21.07	20.83	22.00
	3	LOW	QAM	20.20	20.09	19.80	21.00
		MID	QAM	20.20	20.09	19.80	21.00
		HIGH	QAM	20.20	20.07	19.83	21.00
	6	LOW	QAM	19.40	19.09	18.80	20.00
		MID	QAM	19.40	19.09	18.80	20.00
		HIGH	QAM	19.40	19.07	18.83	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	22.20	22.14	21.89	23.00
		MID	QPSK	22.21	22.21	21.89	23.00
		HIGH	QPSK	22.14	22.11	21.89	23.00
	8	LOW	QPSK	22.20	22.04	21.89	23.00
		MID	QPSK	22.20	22.03	21.89	23.00
		HIGH	QPSK	22.00	22.03	21.68	22.00
	15	LOW	QPSK	21.20	21.04	21.89	23.00
		MID	QPSK	21.20	21.03	21.89	23.00
		HIGH	QPSK	21.20	21.03	21.68	22.00
3	1	LOW	QAM	21.20	21.09	20.89	22.00
		MID	QAM	21.20	21.09	20.89	22.00
		HIGH	QAM	21.20	21.07	20.68	22.00
	8	LOW	QAM	20.20	20.09	19.89	21.00
		MID	QAM	20.20	20.09	19.89	21.00
		HIGH	QAM	20.20	20.07	19.68	21.00
	15	LOW	QAM	19.40	19.09	18.89	20.00
		MID	QAM	19.40	19.09	18.89	20.00
		HIGH	QAM	19.40	19.07	18.68	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	**23.27**	23.23	23.08	24.00
		MID	QPSK	**23.27**	23.19	23.02	24.00
		HIGH	QPSK	23.12	23.18	22.82	23.00
	12	LOW	QPSK	23.20	22.98	22.88	23.00
		MID	QPSK	23.20	22.97	22.93	23.00
		HIGH	QPSK	22.20	22.18	21.89	23.00
	25	LOW	QPSK	22.20	22.18	22.07	23.00
		MID	QPSK	22.20	22.15	22.03	23.00
		HIGH	QPSK	22.20	22.03	22.21	23.00
5	1	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.27	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	12	LOW	QAM	20.20	20.23	20.19	21.00
		MID	QAM	20.20	20.23	20.19	21.00
		HIGH	QAM	20.20	20.13	20.12	21.00
	25	LOW	QAM	20.20	20.18	20.15	21.00
		MID	QAM	20.20	20.15	20.14	21.00
		HIGH	QAM	20.20	20.03	20.21	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	**23.20**	23.17	23.12	24.00
		MID	QPSK	23.12	23.13	23.07	24.00
		HIGH	QPSK	23.09	23.12	23.00	24.00
	25	LOW	QPSK	22.20	22.23	22.19	23.00
		MID	QPSK	22.20	22.22	22.19	23.00
		HIGH	QPSK	22.20	22.21	22.19	23.00
	50	LOW	QPSK	22.20	22.20	22.18	23.00
		MID	QPSK	22.20	22.69	22.18	23.00
		HIGH	QPSK	22.10	22.61	22.05	23.00
10	1	LOW	QAM	20.10	20.21	20.05	21.00
		MID	QAM	20.10	20.21	20.05	21.00
		HIGH	QAM	20.10	20.21	20.05	21.00
	25	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	50	LOW	QAM	21.20	21.20	21.18	22.00
		MID	QAM	21.20	21.69	21.18	22.00
		HIGH	QAM	21.10	21.61	21.05	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.11	**23.13**	23.09	24.00
		MID	QPSK	23.11	23.12	23.07	24.00
		HIGH	QPSK	23.09	23.03	22.95	24.00
	36	LOW	QPSK	23.07	**22.97**	22.95	24.00
		MID	QPSK	22.20	22.22	22.19	23.00
		HIGH	QPSK	22.20	22.21	22.19	23.00
	75	LOW	QPSK	**22.21**	**22.21**	22.19	23.00
		MID	QPSK	22.19	22.19	22.18	23.00
		HIGH	QPSK	22.19	22.19	22.18	23.00
15	1	LOW	QAM	21.20	21.23	21.19	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	36	LOW	QAM	21.20	21.20	21.18	22.00
		MID	QAM	21.20	21.23	21.19	22.00
		HIGH	QAM	21.20	21.18	21.09	22.00
	75	LOW	QAM	21.20	21.19	21.18	22.00
15	1	LOW	64QAM	21.10	21.08	21.02	22.00
		MID	64QAM	21.10	21.08	21.02	22.00
		HIGH	64QAM	21.10	21.04	20.96	22.00
	36	LOW	64QAM	20.20	20.23	20.19	21.00
		MID	64QAM	20.20	20.21	20.19	21.00
		HIGH	64QAM	20.20	20.03	20.21	21.00
	75	LOW	64QAM	20.20	20.20	20.17	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.07	22.06	22.01	23.00
		MID	QPSK	22.07	22.09	22.02	23.00
		HIGH	QPSK	22.08	22.05	22.02	23.00
	3	LOW	QPSK	22.75	22.80	22.49	23.00
		MID	QPSK	22.75	22.80	22.49	23.00
		HIGH	QPSK	22.75	22.78	22.49	23.00
	6	LOW	QPSK	22.22	22.19	21.89	23.00
		MID	QPSK	22.22	22.19	21.89	23.00
		HIGH	QPSK	22.09	22.05	21.69	22.00
1.4	1	LOW	QAM	22.40	22.40	22.49	23.00
		MID	QAM	22.40	22.40	22.49	23.00
		HIGH	QAM	22.40	22.39	22.49	23.00
	3	LOW	QAM	21.28	21.39	20.89	22.00
		MID	QAM	21.28	21.39	20.89	22.00
		HIGH	QAM	21.28	21.38	20.89	22.00
	6	LOW	QAM	21.28	21.39	20.89	22.00
		MID	QAM	21.28	21.39	20.89	22.00
		HIGH	QAM	21.28	21.38	20.89	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	22.79	22.69	22.79	23.00
		MID	QPSK	22.79	22.69	22.79	23.00
		HIGH	QPSK	22.79	22.66	22.77	23.00
	8	LOW	QPSK	22.28	22.19	22.19	23.00
		MID	QPSK	22.28	22.19	22.19	23.00
		HIGH	QPSK	22.28	22.18	22.19	23.00
	15	LOW	QPSK	21.28	21.19	21.19	22.00
		MID	QPSK	21.28	21.19	21.19	22.00
		HIGH	QPSK	21.28	21.18	21.19	22.00
3	1	LOW	QAM	21.28	21.39	21.19	22.00
		MID	QAM	21.28	21.39	21.19	22.00
		HIGH	QAM	21.28	21.38	21.19	22.00
	8	LOW	QAM	20.28	20.39	20.19	21.00
		MID	QAM	20.28	20.39	20.19	21.00
		HIGH	QAM	20.28	20.38	20.19	21.00
	15	LOW	QAM	19.28	19.39	19.19	20.00
		MID	QAM	19.28	19.39	19.19	20.00
		HIGH	QAM	19.28	19.38	19.19	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	22.79	22.89	22.79	23.00
		MID	QPSK	22.79	22.89	22.79	23.00
		HIGH	QPSK	22.79	22.86	22.77	23.00
	12	LOW	QPSK	22.28	22.19	22.19	23.00
		MID	QPSK	22.28	22.19	22.19	23.00
		HIGH	QPSK	22.28	22.18	22.19	23.00
	25	LOW	QPSK	21.28	21.19	21.19	22.00
		MID	QPSK	21.28	21.19	21.19	22.00
		HIGH	QPSK	21.28	21.18	21.19	22.00
5	1	LOW	QAM	21.28	21.39	21.19	22.00
		MID	QAM	21.28	21.39	21.19	22.00
		HIGH	QAM	21.28	21.38	21.19	22.00
	12	LOW	QAM	20.28	20.39	20.19	21.00
		MID	QAM	20.28	20.39	20.19	21.00
		HIGH	QAM	20.28	20.38	20.19	21.00
	25	LOW	QAM	19.28	19.39	19.19	20.00
		MID	QAM	19.28	19.39	19.19	20.00
		HIGH	QAM	19.28	19.38	19.19	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	22.73	22.69	22.71	23.00
		MID	QPSK	22.73	22.69	22.71	23.00
		HIGH	QPSK	22.68	22.69	22.71	23.00
	25	LOW	QPSK	22.28	22.19	22.19	23.00
		MID	QPSK	22.28	22.19	22.19	23.00
		HIGH	QPSK	22.28	22.19	22.19	23.00
	50	LOW	QPSK	22.28	22.19	22.19	23.00
		MID	QPSK	22.28	22.19	22.19	23.00
		HIGH	QPSK	22.28	22.18	22.19	23.00
10	1	LOW	QAM	21.28	21.39	21.19	22.00
		MID	QAM	21.28	21.39	21.19	22.00
		HIGH	QAM	21.28	21.38	21.19	22.00
	25	LOW	QAM	21.28	21.39	21.19	22.00
		MID	QAM	21.28	21.39	21.19	22.00
		HIGH	QAM	21.28	21.38	21.19	22.00
	50	LOW	QAM	21.28	21.39	21.19	22.00
		MID	QAM	21.28	21.39	21.19	22.00
		HIGH	QAM	21.28	21.38	21.19	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	22.69	**22.67**	22.69	23.00
		MID	QPSK	22.69	22.67	22.69	23.00
		HIGH	QPSK	22.69	22.67	22.69	23.00
	36	LOW	QPSK	22.28	22.23	22.29	23.00
		MID	QPSK	22.28	22.23	22.29	23.00
		HIGH	QPSK	22.28	22.23	22.29	23.00
	75	LOW	QPSK	**22.19**	**22.28**	22.19	23.00
		MID	QPSK	22.19	22.19	22.19	23.00
		HIGH	QPSK	22.19	22.19	22.19	23.00
15	1	LOW	QAM	21.28	21.39	21.19	22.00
		MID	QAM	21.28	21.39	21.19	22.00
		HIGH	QAM	21.28	21.38	21.19	22.00
	36	LOW	QAM	21.28	21.39	21.19	22.00
		MID	QAM	21.28	21.39	21.19	22.00
		HIGH	QAM	21.28	21.38	21.19	22.00
	75	LOW	QAM	21.28	21.39	21.19	22.00
15	1	LOW	64QAM	21.28	21.39	21.19	22.00
		MID	64QAM	21.28	21.39	21.19	22.00
		HIGH	64QAM	21.28	21.38	21.19	22.00
	36	LOW	64QAM	20.28	20.39	20.19	21.00
		MID	64QAM	20.28	20.39	20.19	21.00
		HIGH	64QAM	20.28	20.38	20.19	21.00
	75	LOW	64QAM	20.28	20.39	20.19	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.22	20.09	19.85	21.00
		MID	QPSK	20.22	20.09	19.85	21.00
		HIGH	QPSK	20.13	20.07	19.81	21.00
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Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dB m)
1.4	1	LOW	QPSK	23.10	23.32	23.47	24.00
		MID	QPSK	23.10	23.32	23.47	24.00
		HIGH	QPSK	22.48	23.02	23.18	23.60
	3	LOW	QPSK	22.59	22.82	22.98	23.50
		MID	QPSK	22.57	22.82	22.97	23.50
		HIGH	QPSK	21.74	22.31	22.47	23.00
	6	LOW	QPSK	22.52	22.47	22.33	23.00
		MID	QPSK	22.52	22.47	22.33	23.00
		HIGH	QPSK	21.74	21.81	21.97	22.50
1.4	1	LOW	16QAM	22.59	22.82	22.98	23.50
		MID	16QAM	22.59	22.82	22.98	23.50
		HIGH	16QAM	21.74	22.31	22.47	23.00
	3	LOW	16QAM	22.59	22.79	22.62	23.00
		MID	16QAM	22.59	22.79	22.62	23.00
		HIGH	16QAM	21.74	21.81	21.97	22.50
	6	LOW	16QAM	21.75	21.85	21.62	22.00
		MID	16QAM	21.75	21.85	21.62	22.00
		HIGH	16QAM	20.74	21.31	21.47	22.00
1.4	1	LOW	64QAM	21.75	21.85	21.62	22.00
		MID	64QAM	21.75	21.85	21.62	22.00
		HIGH	64QAM	21.82	21.82	21.37	22.50
	3	LOW	64QAM	21.75	21.85	21.62	22.00
		MID	64QAM	21.75	21.85	21.62	22.00
		HIGH	64QAM	21.82	21.82	21.37	22.50
	6	LOW	64QAM	20.74	20.85	20.62	21.00
		MID	64QAM	20.74	20.85	20.62	21.00
		HIGH	64QAM	21.82	21.82	21.37	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dB m)
3	1	LOW	QPSK	23.83	23.49	23.41	24.00
		MID	QPSK	23.83	23.49	23.41	24.00
		HIGH	QPSK	23.33	23.51	23.32	24.50
	8	LOW	QPSK	22.72	22.93	22.88	23.50
		MID	QPSK	22.72	22.93	22.88	23.50
		HIGH	QPSK	22.42	22.57	22.33	23.00
	15	LOW	QPSK	22.87	22.87	22.63	23.00
		MID	QPSK	22.87	22.87	22.63	23.00
		HIGH	QPSK	22.42	22.57	22.33	23.00
3	1	LOW	16QAM	22.86	23.01	22.99	23.50
		MID	16QAM	22.86	23.01	22.99	23.50
		HIGH	16QAM	22.52	22.69	22.49	23.00
	8	LOW	16QAM	21.86	21.93	21.69	22.00
		MID	16QAM	21.86	21.93	21.69	22.00
		HIGH	16QAM	21.76	21.82	21.42	22.00
	15	LOW	16QAM	21.87	21.82	21.72	22.00
		MID	16QAM	21.87	21.82	21.72	22.00
		HIGH	16QAM	21.76	21.82	21.42	22.00
3	1	LOW	64QAM	21.80	21.93	21.70	22.00
		MID	64QAM	21.80	21.93	21.70	22.00
		HIGH	64QAM	21.81	21.93	21.38	22.50
	8	LOW	64QAM	21.74	21.87	21.41	22.00
		MID	64QAM	21.74	21.87	21.41	22.00
		HIGH	64QAM	21.87	21.70	21.37	22.50
	15	LOW	64QAM	20.87	20.70	20.41	21.00
		MID	64QAM	20.87	20.70	20.41	21.00
		HIGH	64QAM	21.87	21.70	21.37	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dB m)
5	1	LOW	QPSK	23.43	23.59	23.39	24.00
		MID	QPSK	23.43	23.59	23.39	24.00
		HIGH	QPSK	23.06	23.55	23.31	24.50
	12	LOW	QPSK	22.72	22.83	22.43	23.00
		MID	QPSK	22.72	22.83	22.43	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
	25	LOW	QPSK	22.46	22.52	22.22	23.00
		MID	QPSK	22.46	22.52	22.22	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
5	1	LOW	16QAM	22.43	22.13	22.49	23.00
		MID	16QAM	22.43	22.13	22.49	23.00
		HIGH	16QAM	21.76	21.73	21.98	23.00
	12	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	25	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
5	1	LOW	64QAM	21.80	22.21	21.88	23.00
		MID	64QAM	21.80	22.21	21.88	23.00
		HIGH	64QAM	21.82	22.21	21.87	23.50
	12	LOW	64QAM	20.78	20.89	20.47	21.00
		MID	64QAM	20.78	20.89	20.47	21.00
		HIGH	64QAM	21.77	21.89	21.47	22.50
	25	LOW	64QAM	20.73	20.89	20.49	21.00
		MID	64QAM	20.73	20.89	20.49	21.00
		HIGH	64QAM	21.73	21.89	21.49	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dB m)
10	1	LOW	QPSK	23.82	23.78	23.49	24.50
		MID	QPSK	23.82	23.78	23.49	24.50
		HIGH	QPSK	23.48	23.49	23.43	24.50
	25	LOW	QPSK	22.71	22.82	22.48	23.00
		MID	QPSK	22.71	22.82	22.48	23.00
		HIGH	QPSK	22.65	22.52	22.48	23.50
	50	LOW	QPSK	22.46	22.41	22.41	23.00
		MID	QPSK	22.46	22.41	22.41	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
10	1	LOW	16QAM	22.46	22.13	22.49	23.00
		MID	16QAM	22.46	22.13	22.49	23.00
		HIGH	16QAM	21.81	21.88	21.88	23.00
	25	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	50	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
10	1	LOW	64QAM	21.80	22.21	21.88	23.00
		MID	64QAM	21.80	22.21	21.88	23.00
		HIGH	64QAM	21.82	22.21	21.87	23.50
	25	LOW	64QAM	20.78	20.89	20.47	21.00
		MID	64QAM	20.78	20.89	20.47	21.00
		HIGH	64QAM	21.77	21.89	21.47	22.50
	50	LOW	64QAM	20.73	20.89	20.49	21.00
		MID	64QAM	20.73	20.89	20.49	21.00
		HIGH	64QAM	21.73	21.89	21.49	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dB m)
15	1	LOW	QPSK	23.33	23.59	23.49	24.50
		MID	QPSK	23.33	23.59	23.49	24.50
		HIGH	QPSK	23.29	23.42	23.32	24.50
	36	LOW	QPSK	22.51	22.67	22.43	23.00
		MID	QPSK	22.51	22.67	22.43	23.00
		HIGH	QPSK	22.42	22.57	22.33	23.00
	75	LOW	QPSK	22.37	22.52	22.22	23.00
		MID	QPSK	22.37	22.52	22.22	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
15	1	LOW	16QAM	22.51	22.13	22.49	23.00
		MID	16QAM	22.51	22.13	22.49	23.00
		HIGH	16QAM	21.88	21.93	21.69	23.00
	36	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	75	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
15	1	LOW	64QAM	21.80	21.93	21.70	22.00
		MID	64QAM	21.80	21.93	21.70	22.00
		HIGH	64QAM	21.81	22.10	21.38	23.00
	36	LOW	64QAM	20.74	20.87	20.41	21.00
		MID	64QAM	20.74	20.87	20.41	21.00
		HIGH	64QAM	21.74	21.87	21.41	22.50
	75	LOW	64QAM	20.70	20.87	20.41	21.00
		MID	64QAM	20.70	20.87	20.41	21.00
		HIGH	64QAM	21.70	21.87	21.41	22.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dB m)
1.4	1	LOW	QPSK	23.10	23.32	23.47	24.00
		MID	QPSK	23.10	23.32	23.47	24.00
		HIGH	QPSK	22.48	23.02	23.18	23.60
	3	LOW	QPSK	22.59	22.82	22.98	23.50
		MID	QPSK	22.57	22.82	22.97	23.50
		HIGH	QPSK	21.74	22.31	22.47	23.00
	6	LOW	QPSK	22.52	22.47	22.33	23.00
		MID	QPSK	22.52	22.47	22.33	23.00
		HIGH	QPSK	21.74	21.81	21.97	22.50
1.4	1	LOW	16QAM	22.59	22.82	22.98	23.50
		MID	16QAM	22.59	22.82	22.98	23.50
		HIGH	16QAM	21.74	22.31	22.47	23.00
	3	LOW	16QAM	22.59	22.79	22.62	23.00
		MID	16QAM	22.59	22.79	22.62	23.00
		HIGH	16QAM	21.74	21.81	21.97	22.50
	6	LOW	16QAM	21.75	21.85	21.62	22.00
		MID	16QAM	21.75	21.85	21.62	22.00
		HIGH	16QAM	20.74	21.31	21.47	22.00
1.4	1	LOW	64QAM	21.75	21.85	21.62	22.00
		MID	64QAM	21.75	21.85	21.62	22.00
		HIGH	64QAM	21.82	21.82	21.37	22.50
	3	LOW	64QAM	21.75	21.85	21.62	22.00
		MID	64QAM	21.75	21.85	21.62	22.00
		HIGH	64QAM	21.82	21.82	21.37	22.50
	6	LOW	64QAM	20.74	20.85	20.62	21.00
		MID	64QAM	20.74	20.85	20.62	21.00
		HIGH	64QAM	21.82	21.82	21.37	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dB m)
3	1	LOW	QPSK	23.83	23.49	23.41	24.00
		MID	QPSK	23.83	23.49	23.41	24.00
		HIGH	QPSK	23.33	23.51	23.32	24.50
	8	LOW	QPSK	22.72	22.93	22.88	23.50
		MID	QPSK	22.72	22.93	22.88	23.50
		HIGH	QPSK	22.42	22.57	22.33	23.00
	15	LOW	QPSK	22.87	22.87	22.63	23.00
		MID	QPSK	22.87	22.87	22.63	23.00
		HIGH	QPSK	22.42	22.57	22.33	23.00
3	1	LOW	16QAM	22.86	23.01	22.99	23.50
		MID	16QAM	22.86	23.01	22.99	23.50
		HIGH	16QAM	22.52	22.69	22.49	23.00
	8	LOW	16QAM	21.86	21.93	21.69	22.00
		MID	16QAM	21.86	21.93	21.69	22.00
		HIGH	16QAM	21.76	21.82	21.42	22.00
	15	LOW	16QAM	21.87	21.82	21.72	22.00
		MID	16QAM	21.87	21.82	21.72	22.00
		HIGH	16QAM	21.76	21.82	21.42	22.00
3	1	LOW	64QAM	21.80	21.93	21.70	22.00
		MID	64QAM	21.80	21.93	21.70	22.00
		HIGH	64QAM	21.81	22.10	21.38	23.00
	8	LOW	64QAM	21.74	21.87	21.41	22.00
		MID	64QAM	21.74	21.87	21.41	22.00
		HIGH	64QAM	21.87	21.70	21.37	22.50
	15	LOW	64QAM	20.87	20.70	20.41	21.00
		MID	64QAM	20.87	20.70	20.41	21.00
		HIGH	64QAM	21.87	21.70	21.37	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dB m)
5	1	LOW	QPSK	23.43	23.59	23.39	24.00
		MID	QPSK	23.43	23.59	23.39	24.00
		HIGH	QPSK	23.06	23.55	23.31	24.50
	12	LOW	QPSK	22.72	22.83	22.43	23.00
		MID	QPSK	22.72	22.83	22.43	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
	25	LOW	QPSK	22.46	22.52	22.22	23.00
		MID	QPSK	22.46	22.52	22.22	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
5	1	LOW	16QAM	22.43	22.13	22.49	23.00
		MID	16QAM	22.43	22.13	22.49	23.00
		HIGH	16QAM	21.76	21.73	21.98	23.00
	12	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	25	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
5	1	LOW	64QAM	21.80	22.21	21.88	23.00
		MID	64QAM	21.80	22.21	21.88	23.00
		HIGH	64QAM	21.82	22.21	21.87	23.50
	12	LOW	64QAM	20.78	20.89	20.47	21.00
		MID	64QAM	20.78	20.89	20.47	21.00
		HIGH	64QAM	21.77	21.89	21.47	22.50
	25	LOW	64QAM	20.73	20.89	20.49	21.00
		MID	64QAM	20.73	20.89	20.49	21.00
		HIGH	64QAM	21.73	21.89	21.49	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dB m)
10	1	LOW	QPSK	23.82	23.78	23.49	24.50
		MID	QPSK	23.82	23.78	23.49	24.50
		HIGH	QPSK	23.48	23.49	23.43	24.50
	25	LOW	QPSK	22.71	22.82	22.48	23.00
		MID	QPSK	22.71	22.82	22.48	23.00
		HIGH	QPSK	22.65	22.52	22.48	23.50
	50	LOW	QPSK	22.46	22.41	22.41	23.00
		MID	QPSK	22.46	22.41	22.41	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
10	1	LOW	16QAM	22.46	22.13	22.49	23.00
		MID	16QAM	22.46	22.13	22.49	23.00
		HIGH	16QAM	21.81	21.88	21.88	23.00
	25	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	50	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
10	1	LOW	64QAM	21.80	22.21	21.88	23.00
		MID	64QAM	21.80	22.21	21.88	23.00
		HIGH	64QAM	21.82	22.21	21.87	23.50
	25	LOW	64QAM	20.78	20.89	20.47	21.00
		MID	64QAM	20.78	20.89	20.47	21.00
		HIGH	64QAM	21.77	21.89	21.47	22.50
	50	LOW	64QAM	20.73	20.89	20.49	21.00
		MID	64QAM	20.73	20.89	20.49	21.00
		HIGH	64QAM	21.73	21.89	21.49	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dB m)
15	1	LOW	QPSK	23.33	23.59	23.49	24.50
		MID	QPSK	23.33	23.59	23.49	24.50
		HIGH	QPSK	23.29	23.42	23.32	24.50
	36	LOW	QPSK	22.51	22.67	22.43	23.00
		MID	QPSK	22.51	22.67	22.43	23.00
		HIGH	QPSK	22.42	22.57	22.33	23.00
	75	LOW	QPSK	22.37	22.52	22.22	23.00
		MID	QPSK	22.37	22.52	22.22	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
15	1	LOW	16QAM	22.51	22.13	22.49	23.00
		MID	16QAM	22.51	22.13	22.49	23.00
		HIGH	16QAM	21.88	21.93	21.69	23.00
	36	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	75	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
15	1	LOW	64QAM	21.80	21.93	21.70	22.00
		MID	64QAM	21.80	21.93	21.70	22.00
		HIGH	64QAM	21.81	22.10	21.38	23.00
	36	LOW	64QAM	20.74	20.87	20.41	21.00
		MID	64QAM	20.74	20.87	20.41	21.00
		HIGH	64QAM	21.74	21.87	21.41	22.50
	75	LOW	64QAM	20.70	20.87	20.41	21.00
		MID	64QAM	20.70	20.87	20.41	21.00
		HIGH	64QAM	21.70	21.87	21.41	22.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dB m)
1.4	1	LOW	QPSK	23.10	23.32	23.47	24.00
		MID	QPSK	23.10	23.32	23.47	24.00
		HIGH	QPSK	22.48	23.02	23.18	23.60
	3	LOW	QPSK	22.59	22.82	22.98	23.50
		MID	QPSK	22.57	22.82	22.97	23.50
		HIGH	QPSK	21.74	22.31	22.47	23.00
	6	LOW	QPSK	22.52	22.47	22.33	23.00
		MID	QPSK	22.52	22.47	22.33	23.00
		HIGH	QPSK	21.74	21.81	21.97	22.50
1.4	1	LOW	16QAM	22.59	22.82	22.98	23.50
		MID	16QAM	22.59	22.82	22.98	23.50
		HIGH	16QAM	21.74	22.31	22.47	23.00
	3	LOW	16QAM	22.59	22.79	22.62	23.00
		MID	16QAM	22.59	22.79	22.62	23.00
		HIGH	16QAM	21.74	21.81	21.97	22.50
	6	LOW	16QAM	21.75	21.85	21.62	22.00
		MID	16QAM	21.75	21.85	21.62	22.00
		HIGH	16QAM	20.74	21.31	21.47	22.00
1.4	1	LOW	64QAM	21.75	21.85	21.62	22.00
		MID	64QAM	21.75	21.85	21.62	22.00
		HIGH	64QAM	21.82	21.82	21.37	22.50
	3	LOW	64QAM	21.75	21.85	21.62	22.00
		MID	64QAM	21.75	21.85	21.62	22.00
		HIGH	64QAM	21.82	21.82	21.37	22.50
	6	LOW	64QAM	20.74	20.85	20.62	21.00
		MID	64QAM	20.74	20.85	20.62	21.00
		HIGH	64QAM	21.82	21.82	21.37	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dB m)
3	1	LOW	QPSK	23.83	23.49	23.41	24.00
		MID	QPSK	23.83	23.49	23.41	24.00
		HIGH	QPSK	23.33	23.51	23.32	24.50
	8	LOW	QPSK	22.72	22.93	22.88	23.50
		MID	QPSK	22.72	22.93	22.88	23.50
		HIGH	QPSK	22.42	22.57	22.33	23.00
	15	LOW	QPSK	22.87	22.87	22.63	23.00
		MID	QPSK	22.87	22.87	22.63	23.00
		HIGH	QPSK	22.42	22.57	22.33	23.00
3	1	LOW	16QAM	22.86	23.01	22.99	23.50
		MID	16QAM	22.86	23.01	22.99	23.50
		HIGH	16QAM	22.52	22.69	22.49	23.00
	8	LOW	16QAM	21.86	21.93	21.69	22.00
		MID	16QAM	21.86	21.93	21.69	22.00
		HIGH	16QAM	21.76	21.82	21.42	22.00
	15	LOW	16QAM	21.87	21.82	21.72	22.00
		MID	16QAM	21.87	21.82	21.72	22.00
		HIGH	16QAM	21.76	21.82	21.42	22.00
3	1	LOW	64QAM	21.80	21.93	21.70	22.00
		MID	64QAM	21.80	21.93	21.70	22.00
		HIGH	64QAM	21.81	22.10	21.38	23.00
	8	LOW	64QAM	21.74	21.87	21.41	22.00
		MID	64QAM	21.74	21.87	21.41	22.00
		HIGH	64QAM	21.87	21.70	21.37	22.50
	15	LOW	64QAM	20.87	20.70	20.41	21.00
		MID	64QAM	20.87	20.70	20.41	21.00
		HIGH	64QAM	21.87	21.70	21.37	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dB m)
5	1	LOW	QPSK	23.43	23.59	23.39	24.00
		MID	QPSK	23.43	23.59	23.39	24.00
		HIGH	QPSK	23.06	23.55	23.31	24.50
	12	LOW	QPSK	22.72	22.83	22.43	23.00
		MID	QPSK	22.72	22.83	22.43	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
	25	LOW	QPSK	22.46	22.52	22.22	23.00
		MID	QPSK	22.46	22.52	22.22	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
5	1	LOW	16QAM	22.43	22.13	22.49	23.00
		MID	16QAM	22.43	22.13	22.49	23.00
		HIGH	16QAM	21.76	21.73	21.98	23.00
	12	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	25	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
5	1	LOW	64QAM	21.80	22.21	21.88	23.00
		MID	64QAM	21.80	22.21	21.88	23.00
		HIGH	64QAM	21.82	22.21	21.87	23.50
	12	LOW	64QAM	20.78	20.89	20.47	21.00
		MID	64QAM	20.78	20.89	20.47	21.00
		HIGH	64QAM	21.77	21.89	21.47	22.50
	25	LOW	64QAM	20.73	20.89	20.49	21.00
		MID	64QAM	20.73	20.89	20.49	21.00
		HIGH	64QAM	21.73	21.89	21.49	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dB m)
10	1	LOW	QPSK	23.82	23.78	23.49	24.50
		MID	QPSK	23.82	23.78	23.49	24.50
		HIGH	QPSK	23.48	23.49	23.43	24.50
	25	LOW	QPSK	22.71	22.82	22.48	23.00
		MID	QPSK	22.71	22.82	22.48	23.00
		HIGH	QPSK	22.65	22.52	22.48	23.50
	50	LOW	QPSK	22.46	22.41	22.41	23.00
		MID	QPSK	22.46	22.41	22.41	23.00
		HIGH	QPSK	22.38	22.52	22.32	23.50
10	1	LOW	16QAM	22.46	22.13	22.49	23.00
		MID	16QAM	22.46	22.13	22.49	23.00
		HIGH	16QAM	21.81	21.88	21.88	23.00
	25	LOW	16QAM	21.79	21.79	21.49	22.00
		MID	16QAM	21.79	21.79	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
	50	LOW	16QAM	21.80	21.73	21.49	22.00
		MID	16QAM	21.80	21.73	21.49	22.00
		HIGH	16QAM	21.73	21.73	21.49	22.00
10	1	LOW	64QAM	21.80	22.21	21.88	23.00
		MID	64QAM	21.80	22.21	21.88	23.00
		HIGH	64QAM	21.82	22.21	21.87	23.50
	25	LOW	64QAM	20.78	20.89	20.47	21.00
		MID	64QAM	20.78	20.89	20.47	21.00
		HIGH	64QAM	21.77	21.89	21.47	22.50
	50	LOW	64QAM	20.73	20.89	20.49	21.00
		MID	64QAM	20.73	20.89	20.49	21.00
		HIGH	64QAM	21.73	21.89	21.49	22.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dB m)
15	1	LOW	QPSK	23.33	23.59

8.3.9 LTE Band66 Output Power

LTE B66-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.48	23.47	23.45	23.50
		MID	QPSK	23.51	23.49	23.48	23.50
		HIGH	QPSK	23.52	23.50	23.49	23.50
	3	LOW	QPSK	23.48	23.47	23.45	23.50
		MID	QPSK	**23.50**	23.49	23.48	23.50
		HIGH	QPSK	23.51	23.50	23.49	23.50
	6	LOW	QPSK	21.97	21.93	21.89	22.00
		MID	QPSK	21.99	21.95	21.91	22.00
		HIGH	QPSK	22.00	21.96	21.92	22.00
1.4	1	LOW	QAM	21.89	21.84	21.83	22.00
		MID	QAM	21.94	21.89	21.87	22.00
		HIGH	QAM	21.94	21.89	21.87	22.00
	3	LOW	QAM	21.84	21.79	21.75	22.00
		MID	QAM	21.89	21.84	21.80	22.00
		HIGH	QAM	21.89	21.84	21.80	22.00
	6	LOW	64QAM	20.72	20.66	20.62	21.00
		MID	64QAM	20.77	20.70	20.66	21.00
		HIGH	64QAM	20.72	20.66	20.62	21.00
1.4	1	LOW	256QAM	20.74	20.67	20.63	21.00
		MID	256QAM	20.79	20.71	20.67	21.00
		HIGH	256QAM	20.74	20.67	20.63	21.00
	3	LOW	256QAM	20.75	20.68	20.64	21.00
		MID	256QAM	20.80	20.72	20.68	21.00
		HIGH	256QAM	20.75	20.68	20.64	21.00
	6	LOW	256QAM	19.47	19.37	19.33	19.50
		MID	256QAM	19.48	19.41	19.37	19.50
		HIGH	256QAM	19.48	19.41	19.37	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.47	23.48	23.48	23.50
		MID	QPSK	**23.49**	23.50	**23.49**	23.50
		HIGH	QPSK	23.48	23.49	23.49	23.50
	8	LOW	QPSK	21.93	21.93	21.92	22.00
		MID	QPSK	**21.95**	21.95	**21.93**	22.00
		HIGH	QPSK	21.94	21.95	21.93	22.00
3	1	LOW	QAM	21.85	21.85	21.85	22.00
		MID	QAM	21.86	21.85	21.85	22.00
		HIGH	QAM	21.86	21.85	21.85	22.00
	8	LOW	QAM	20.73	20.63	20.66	21.00
		MID	QAM	20.74	20.65	20.68	21.00
		HIGH	QAM	20.73	20.63	20.66	21.00
	15	LOW	QAM	20.67	20.58	20.58	21.00
		MID	QAM	20.68	20.59	20.59	21.00
		HIGH	QAM	20.67	20.58	20.58	21.00
3	1	LOW	64QAM	20.71	21.17	20.66	21.00
		MID	64QAM	20.72	21.18	20.67	21.00
		HIGH	64QAM	20.71	21.17	20.66	21.00
	8	LOW	64QAM	19.78	19.69	19.62	20.00
		MID	64QAM	19.79	19.70	19.62	20.00
		HIGH	64QAM	19.79	19.69	19.62	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132007	132322	132637	Tune-up power(dBm)
5	1	LOW	QPSK	22.42	22.49	22.42	23.00
		MID	QPSK	**22.51**	22.50	22.49	23.00
		HIGH	QPSK	22.49	22.50	22.49	23.00
	12	LOW	QPSK	21.84	21.42	21.38	22.00
		MID	QPSK	21.86	21.43	21.39	22.00
		HIGH	QPSK	21.85	21.42	21.38	22.00
	25	LOW	QPSK	21.80	21.37	21.33	22.00
		MID	QPSK	21.81	21.38	21.34	22.00
		HIGH	QPSK	21.81	21.37	21.33	22.00
5	1	LOW	QAM	21.76	20.53	21.69	22.00
		MID	QAM	21.82	21.73	20.63	22.00
		HIGH	QAM	21.77	20.53	21.69	22.00
	12	LOW	QAM	20.76	20.53	20.57	21.00
		MID	QAM	20.77	20.54	20.58	21.00
		HIGH	QAM	20.76	20.53	20.57	21.00
	25	LOW	QAM	20.71	20.48	20.52	21.00
		MID	QAM	20.72	20.49	20.53	21.00
		HIGH	QAM	20.71	20.48	20.52	21.00
5	1	LOW	64QAM	20.82	21.12	20.50	21.00
		MID	64QAM	20.83	21.13	20.51	21.00
		HIGH	64QAM	20.82	21.12	20.50	21.00
	12	LOW	64QAM	19.72	19.50	19.11	20.00
		MID	64QAM	19.73	19.51	19.11	20.00
		HIGH	64QAM	19.73	19.50	19.11	20.00
	25	LOW	64QAM	19.65	19.43	19.04	19.50
		MID	64QAM	19.66	19.44	19.05	19.50
		HIGH	64QAM	19.65	19.43	19.04	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**23.47**	22.47	22.42	23.00
		MID	QPSK	22.49	22.50	22.53	23.00
		HIGH	QPSK	22.50	22.50	22.53	23.00
	25	LOW	QPSK	21.80	21.40	21.42	22.00
		MID	QPSK	21.82	21.41	21.43	22.00
		HIGH	QPSK	21.80	21.40	21.42	22.00
	50	LOW	QPSK	21.67	21.37	21.39	22.00
		MID	QPSK	21.69	21.38	21.40	22.00
		HIGH	QPSK	21.68	21.37	21.39	22.00
10	1	LOW	QAM	21.81	21.80	21.86	22.00
		MID	QAM	21.87	21.85	21.86	22.00
		HIGH	QAM	21.87	21.85	21.86	22.00
	25	LOW	QAM	20.84	20.83	20.89	21.00
		MID	QAM	20.89	20.83	20.89	21.00
		HIGH	QAM	20.87	20.83	20.89	21.00
	50	LOW	QAM	20.63	20.55	20.57	21.00
		MID	QAM	20.64	20.56	20.58	21.00
		HIGH	QAM	20.63	20.55	20.57	21.00
10	1	LOW	64QAM	20.81	21.06	20.42	21.00
		MID	64QAM	20.81	21.06	20.42	21.00
		HIGH	64QAM	20.81	21.06	20.42	21.00
	25	LOW	64QAM	19.85	19.85	19.41	20.00
		MID	64QAM	19.86	19.86	19.42	20.00
		HIGH	64QAM	19.85	19.85	19.41	20.00
	50	LOW	64QAM	19.73	19.73	19.29	19.50
		MID	64QAM	19.74	19.74	19.30	19.50
		HIGH	64QAM	19.73	19.73	19.29	19.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.50	22.50	**22.49**	23.00
		MID	QPSK	22.51	22.50	22.50	23.00
		HIGH	QPSK	22.51	22.50	22.50	23.00
	36	LOW	QPSK	21.82	21.53	21.52	22.00
		MID	QPSK	21.83	21.54	21.53	22.00
		HIGH	QPSK	21.83	21.53	21.52	22.00
	75	LOW	QPSK	21.49	21.20	21.19	22.00
		MID	QPSK	21.50	21.21	21.20	22.00
		HIGH	QPSK	21.49	21.20	21.19	22.00
15	1	LOW	QAM	21.89	21.92	22.00	22.00
		MID	QAM	21.90	21.93	22.01	22.00
		HIGH	QAM	21.90	21.93	22.01	22.00
	36	LOW	QAM	20.82	20.71	20.80	21.00
		MID	QAM	20.83	20.72	20.81	21.00
		HIGH	QAM	20.82	20.71	20.80	21.00
	75	LOW	QAM	20.55	20.45	20.55	21.00
		MID	QAM	20.56	20.46	20.56	21.00
		HIGH	QAM	20.55	20.45	20.55	21.00
15	1	LOW	64QAM	19.98	19.95	20.05	20.50
		MID	64QAM	19.99	19.96	20.06	20.50
		HIGH	64QAM	19.98	19.95	20.05	20.50
	36	LOW	64QAM	19.68	19.65	19.72	20.00
		MID	64QAM	19.69	19.66	19.73	20.00
		HIGH	64QAM	19.68	19.65	19.72	20.00
	75	LOW	64QAM	19.73	19.65	19.62	20.00
		MID	64QAM	19.74	19.66	19.63	20.00
		HIGH	64QAM	19.73	19.65	19.62	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.48	22.50	22.42	23.00
		MID	QPSK	22.49	22.50	**22.51**	23.00
		HIGH	QPSK	22.50	22.50	22.49	23.00
	50	LOW	QPSK	21.68	21.43	21.42	22.00
		MID	QPSK	21.69	21.44	21.43	22.00
		HIGH	QPSK	21.68	21.43	21.42	22.00
	100	LOW	QPSK	21.13	20.93	20.93	22.00
		MID	QPSK	21.14	20.94	20.94	22.00
		HIGH	QPSK	21.13	20.93	20.93	22.00
20	1	LOW	QAM	21.88	21.73	21.72	22.00
		MID	QAM	21.89	21.74	21.73	22.00
		HIGH	QAM	21.88	21.73	21.72	22.00
	50	LOW	QAM	20.76	20.61	20.61	21.00
		MID	QAM	20.77	20.62	20.62	21.00
		HIGH	QAM	20.76	20.61	20.61	21.00
	100	LOW	QAM	20.51	20.36	20.36	21.00
		MID	QAM	20.52	20.37	20.37	21.00
		HIGH	QAM	20.51	20.36	20.36	21.00
20	1	LOW	64QAM	19.98	19.83	19.83	20.50
		MID	64QAM	19.99	19.84	19.84	20.50
		HIGH	64QAM	19.98	19.83	19.83	20.50
	50	LOW	64QAM	19.68	19.53	19.53	20.00
		MID	64QAM	19.69	19.54	19.54	20.00
		HIGH	64QAM	19.68	19.53	19.53	20.00
	100	LOW	64QAM	19.58	19.43	19.43	19.50
		MID	64QAM	19.59	19.44	19.44	19.50
		HIGH	64QAM	19.58	19.43	19.43	19.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.21	19.22	19.23	19.50
		MID	QPSK	19.22	19.23	19.24	19.50
		HIGH	QPSK	19.22	19.23	19.24	19.50
	3	LOW	QPSK	19.21	19.22	19.23	19.50
		MID	QPSK	19.22	19.23	19.24	19.50
		HIGH	QPSK	19.22	19.23	19.24	19.50
	6	LOW	QPSK	18.26	18.27	18.28	18.50
		MID	QPSK	18.27	18.28	18.29	18.50
		HIGH	QPSK	18.27	18.28	18.29	18.50
1.4	1	LOW	QAM	18.19	18.20	18.22	18.50
		MID	QAM	18.20	18.21	18.23	18.50
		HIGH	QAM	18.20	18.21	18.23	18.50
	3	LOW	QAM	18.19	18.20	18.22	18.50
		MID	QAM	18.20	18.21	18.23	18.50
		HIGH	QAM	18.20	18.21	18.23	18.50
	6	LOW	64QAM	17.20	17.21	17.23	17.50
		MID	64QAM	17.21	17.22	17.24	17.50
		HIGH	64QAM	17.20	17.21	17.23	17.50
1.4	1	LOW	256QAM	17.19	17.20	17.22	17.50
		MID	256QAM	17.20	17.21	17.23	17.50
		HIGH	256QAM	17.19	17.20	17.22	17.50
	3	LOW	256QAM	17.20	17.21	17.23	17.50
		MID	256QAM	17.21	17.22	17.24	17.50
		HIGH	256QAM	17.20	17.21	17.23	17.50
	6	LOW	256QAM	16.20	16.21	16.23	16.50
		MID	256QAM	16.21	16.22	16.24	16.50
		HIGH	256QAM	16.20	16.21	16.23	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	19.23	19.24	19.50
		MID	QPSK	19.23	19.24	19.25	19.50
		HIGH	QPSK	19.23	19.24	19.25	19.50
	8	LOW	QPSK	18.20	18.21	18.22	18.50
		MID	QPSK	18.21	18.22	18.23	18.50
		HIGH	QPSK	18.21	18.22	18.23	18.50
3	1	LOW	QAM	18.20	18.21	18.23	18.50
		MID	QAM	18.21	18.22	18.24	18.50
		HIGH	QAM	18.21	18.22	18.24	18.50
	8	LOW	QAM	17.20	17.21	17.23	17.50
		MID	QAM	17.21	17.22	17.24	17.50
		HIGH	QAM	17.20	17.21	17.23	17.50
	15	LOW	QAM	17.19	17.20	17.22	17.50
		MID	QAM	17.20	17.21	17.23	17.50
		HIGH	QAM	17.19	17.20	17.22	17.50
3	1	LOW	64QAM	16.20	16.21	16.23	16.50
		MID	64QAM	16.21	16.22	16.24	16.50
		HIGH	64QAM	16.20	16.21	16.23	16.50
	8	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132007	132322	132637	Tune-up power(dBm)
5	1	LOW	QPSK	19.23	19.24	19.25	19.50
		MID	QPSK	19.24	19.25	19.26	19.50
		HIGH	QPSK	19.24	19.25	19.26	19.50
	12	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
	25	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
5	1	LOW	QAM	18.21	18.22	18.24	18.50
		MID	QAM	18.22	18.23	18.25	18.50
		HIGH	QAM	18.22	18.23	18.25	18.50
	12	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
	25	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
5	1	LOW	64QAM	16.21	16.22	16.24	16.50
		MID	64QAM	16.22	16.23	16.25	16.50
		HIGH	64QAM	16.21	16.22	16.24	16.50
	12	LOW	64QAM	15.22	15.23	15.25	15.50
		MID	64QAM	15.23	15.24	15.26	15.50
		HIGH	64QAM	15.22	15.23	15.25	15.50
	25	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.22	19.23	19.24	19.50
		MID	QPSK	19.23	19.24	19.25	19.50
		HIGH	QPSK	19.23	19.24	19.25	19.50
	25	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
	50	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
10	1	LOW	QAM	18.21	18.22	18.24	18.50
		MID	QAM	18.22	18.23	18.25	18.50
		HIGH	QAM	18.22	18.23	18.25	18.50
	25	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
	50	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
10	1	LOW	64QAM	16.21	16.22	16.24	16.50
		MID	64QAM	16.22	16.23	16.25	16.50
		HIGH	64QAM	16.21	16.22	16.24	16.50
	25	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50
	50	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.23	19.24	19.25	19.50
		MID	QPSK	19.24	19.25	19.26	19.50
		HIGH	QPSK	19.24	19.25	19.26	19.50
	36	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
	75	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
15	1	LOW	QAM	18.21	18.22	18.24	18.50
		MID	QAM	18.22	18.23	18.25	18.50
		HIGH	QAM	18.22	18.23	18.25	18.50
	36	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
	75	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
15	1	LOW	64QAM	16.21	16.22	16.24	16.50
		MID	64QAM	16.22	16.23	16.25	16.50
		HIGH	64QAM	16.21	16.22	16.24	16.50
	36	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50
	75	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.23	19.24	19.25	19.50
		MID	QPSK	19.24	19.25	19.26	19.50
		HIGH	QPSK	19.24	19.25	19.26	19.50
	50	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
	100	LOW	QPSK	18.21	18.22	18.24	18.50
		MID	QPSK	18.22	18.23	18.25	18.50
		HIGH	QPSK	18.22	18.23	18.25	18.50
20	1	LOW	QAM	18.21	18.22	18.24	18.50
		MID	QAM	18.22	18.23	18.25	18.50
		HIGH	QAM	18.22	18.23	18.25	18.50
	50	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
	100	LOW	QAM	17.21	17.22	17.24	17.50
		MID	QAM	17.22	17.23	17.25	17.50
		HIGH	QAM	17.22	17.23	17.25	17.50
20	1	LOW	64QAM	16.21	16.22	16.24	16.50
		MID	64QAM	16.22	16.23	16.25	16.50
		HIGH	64QAM	16.21	16.22	16.24	16.50
	50	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50
	100	LOW	64QAM	15.21	15.22	15.24	15.50
		MID	64QAM	15.22	15.23	15.25	15.50
		HIGH	64QAM	15.21	15.22	15.24	15.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.17	19.18	19.19	19.50
		MID	QPSK	19.18	19.20	19.20	19.50
		HIGH	QPSK	19.18	19.20	19.20	19.50
	3	LOW	QPSK	19.17	19.18	19.19	19.50
		MID	QPSK	19.18	19.20	19.20	19.50
		HIGH	QPSK	19.18	19.20	19.20	19.50
	6	LOW	QPSK	18.26	18.27	18.28	18.50
		MID	QPSK	18.27	18.28	18.29	18.50
		HIGH	QPSK	18.27	18.28	18.29	18.50
1.4	1	LOW	QAM	18.19	18.20	18.22	18.50
		MID	QAM	18.20	18.21	18.23	18.50
		HIGH	QAM	18.20	18.21	18.23	18.50
	3	LOW	QAM	18.19	18.20	18.22	18.50
		MID	QAM	18.20	18.21	18.23	18.50
		HIGH	QAM	18.20	18.21	18.23	18.50
	6	LOW	64QAM	17.20	17.21	17.23	17.50
		MID	64QAM	17.21	17.22	17.24	17.50
		HIGH	64QAM	17.20	17.21	17.23	17.50
1.4	1	LOW	256QAM	17.19	17.20	17.22	17.50
		MID	256QAM	17.20	17.21	17.23	17.50
		HIGH	256QAM	17.19	17.20	17.22	17.50
	3	LOW	256QAM	17.20	17.21	17.23	17.50
		MID	256QAM	17.21	17.22	17.24	17.50
		HIGH	256QAM	17.20	17.21	17.23	17.50
	6	LOW	256QAM	16.20	16.21	16.23	16.50
		MID	256QAM	16.21	16.22	16.24	16.50
		HIGH	256QAM	16.20	16.21	16.23	16.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.18	19.19	19.20	19.50
		MID	QPSK	19.19	19.20	19.21	19.50
		HIGH	QPSK	19.19	19.20	19.21	19.50
	8	LOW	QPSK	18.16	18.17	18.18	18.50
		MID	QPSK	18.17	18.18	18.19	18.50
		HIGH	QPSK	18.17	18.18	18.19	18.50
3	1	LOW	QAM	18.16	18.17	18.19	18.50
		MID	QAM	18.17	18.18	18.20	18.50
		HIGH	QAM	18.17	18.18	18.20	18.50
	8	LOW	QAM	17.16	17.17	17.19	17.50
		MID	QAM	17.17	17.18	17.20	17.50
		HIGH	QAM	17.16	17.17	17.19	17.50
	15	LOW	QAM	17.15	17.16	17.18	17.50
		MID	QAM	17.16	17.17	17.19	17.50
		HIGH	QAM	17.15	17.16	17.18	17.50
3	1	LOW	64QAM	16.16	16.17	16.19	16.50
		MID	64QAM	16.17	16.18	16.20	16.50
		HIGH	64QAM	16.16	16.17	16.19	16.50
	8	LOW	64QAM	15.17	15.18	15.20	15.50
		MID	64QAM	15.18	15.19	15.21	15.50
		HIGH	64QAM	15.17	15.18	15.20	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132007	132322	132637	Tune-up power(dBm)
5	1	LOW	QPSK	19.19	19.20	19.21	19.50
		MID	QPSK	19.20	19.21	19.22	19.50
		HIGH	QPSK	19.20	19.21	19.22	19.50
	12	LOW	QPSK	18.17	18.18	18.20	18.50
		MID	QPSK	18.18	18.19	18.21	18.50
		HIGH	QPSK	18.18	18.19	18.21	18.50
	25	LOW	QPSK	18.17	18.18	18.20	18.50
		MID	QPSK	18.18	18.19	18.21	18.50
		HIGH	QPSK	18.18	18.19	18.21	18.50
5	1	LOW	QAM	18.17	18.18	18.20	18.50
		MID	QAM	18.18	18.19	18.21	18.50
		HIGH	QAM	18.18	18.19	18.21	18.50
	12	LOW	QAM	17.17	17.18	17.20	17.50
		MID	QAM	17.18	17.19	17.21	17.50
		HIGH	QAM	17.18	17.19	17.21	17.50
	25	LOW	QAM	17.17	17.18	17.20	17.50
		MID	QAM	17.18	17.19	17.21	17.50
		HIGH	QAM	17.18	17.19	17.21	17.50
5	1	LOW	64QAM	16.17	16.18	16.20	16.50
		MID	64QAM	16.18	16.19	16.21	16.50
		HIGH	64QAM	16.17	16.18	16.20	16.50
	12	LOW	64QAM	15.18	15.19	15.21	15.50
		MID	64QAM	15.19	15.20	15.22	15.50
		HIGH	64QAM	15.18	15.19	15.21	15.50
	25	LOW	64QAM	15.17	15.18	15.20	15.50
		MID	64QAM	15.18	15.19	15.21	15.50
		HIGH	64QAM	15.17	15.18	15.20	15.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.18	19.19	19.20	19.50
		MID	QPSK	19.19

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.99	23.61	24.00
		MID	QPSK	23.01	23.99	23.61	24.00
		HIGH	QPSK	23.01	23.99	23.61	24.00
	3	LOW	QPSK	**23.09**	22.99	23.60	24.00
		MID	QPSK	23.09	22.99	23.60	24.00
		HIGH	QPSK	23.09	22.99	22.69	24.00
	6	LOW	QPSK	22.09	22.02	22.69	23.00
		MID	QPSK	22.09	22.02	22.69	23.00
		HIGH	QPSK	22.09	22.02	22.69	23.00
1.4	1	LOW	16-QAM	22.24	22.26	22.23	23.00
		MID	16-QAM	22.24	22.26	22.23	23.00
		HIGH	16-QAM	22.24	22.26	22.23	23.00
	3	LOW	16-QAM	21.18	22.26	22.22	23.00
		MID	16-QAM	21.18	22.26	22.22	23.00
		HIGH	16-QAM	21.18	22.26	22.22	23.00
	6	LOW	16-QAM	20.18	20.29	20.18	21.00
		MID	16-QAM	20.18	20.29	20.18	21.00
		HIGH	16-QAM	20.18	20.29	20.18	21.00
1.4	1	LOW	64-QAM	21.40	21.49	21.23	22.00
		MID	64-QAM	21.40	21.49	21.23	22.00
		HIGH	64-QAM	21.40	21.49	21.23	22.00
	3	LOW	64-QAM	21.21	21.39	21.08	22.00
		MID	64-QAM	21.21	21.39	21.08	22.00
		HIGH	64-QAM	21.21	21.39	21.08	22.00
	6	LOW	64-QAM	20.23	20.33	20.17	21.00
		MID	64-QAM	20.23	20.33	20.17	21.00
		HIGH	64-QAM	20.23	20.33	20.17	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.36	23.55	23.46	24.00
		MID	QPSK	23.36	23.55	23.46	24.00
		HIGH	QPSK	23.36	23.55	23.46	24.00
	8	LOW	QPSK	22.41	22.59	22.49	23.00
		MID	QPSK	22.41	22.59	22.49	23.00
		HIGH	QPSK	22.41	22.59	22.49	23.00
	15	LOW	QPSK	22.16	22.33	22.23	23.00
		MID	QPSK	22.16	22.33	22.23	23.00
		HIGH	QPSK	22.16	22.33	22.23	23.00
3	1	LOW	16-QAM	22.17	22.23	22.23	23.00
		MID	16-QAM	22.17	22.23	22.23	23.00
		HIGH	16-QAM	22.17	22.23	22.23	23.00
	8	LOW	16-QAM	21.09	22.22	22.19	23.00
		MID	16-QAM	21.09	22.22	22.19	23.00
		HIGH	16-QAM	21.09	22.22	22.19	23.00
	15	LOW	16-QAM	21.26	21.26	21.27	22.00
		MID	16-QAM	21.26	21.26	21.27	22.00
		HIGH	16-QAM	21.26	21.26	21.27	22.00
3	1	LOW	64-QAM	21.48	21.49	21.12	22.00
		MID	64-QAM	21.48	21.49	21.12	22.00
		HIGH	64-QAM	21.48	21.49	21.12	22.00
	8	LOW	64-QAM	20.56	21.27	21.18	22.00
		MID	64-QAM	20.56	21.27	21.18	22.00
		HIGH	64-QAM	20.56	21.27	21.18	22.00
	15	LOW	64-QAM	21.43	21.13	21.21	22.00
		MID	64-QAM	21.43	21.13	21.21	22.00
		HIGH	64-QAM	21.43	21.13	21.21	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
5	1	LOW	QPSK	23.43	23.41	23.48	24.00
		MID	QPSK	23.43	23.41	23.48	24.00
		HIGH	QPSK	23.43	23.41	23.48	24.00
	12	LOW	QPSK	22.57	23.11	23.12	23.00
		MID	QPSK	22.57	23.11	23.12	23.00
		HIGH	QPSK	22.57	23.11	23.12	23.00
	25	LOW	QPSK	22.17	22.22	22.10	23.00
		MID	QPSK	22.17	22.22	22.10	23.00
		HIGH	QPSK	22.17	22.22	22.10	23.00
5	1	LOW	16-QAM	22.17	22.22	22.10	23.00
		MID	16-QAM	22.17	22.22	22.10	23.00
		HIGH	16-QAM	22.17	22.22	22.10	23.00
	12	LOW	16-QAM	21.23	21.23	21.23	22.00
		MID	16-QAM	21.23	21.23	21.23	22.00
		HIGH	16-QAM	21.23	21.23	21.23	22.00
	25	LOW	16-QAM	21.00	21.13	21.11	22.00
		MID	16-QAM	21.00	21.13	21.11	22.00
		HIGH	16-QAM	21.00	21.13	21.11	22.00
5	1	LOW	64-QAM	21.47	21.60	21.20	22.00
		MID	64-QAM	21.47	21.60	21.20	22.00
		HIGH	64-QAM	21.47	21.60	21.20	22.00
	12	LOW	64-QAM	20.56	20.25	20.25	21.00
		MID	64-QAM	20.56	20.25	20.25	21.00
		HIGH	64-QAM	20.56	20.25	20.25	21.00
	25	LOW	64-QAM	20.12	20.16	19.98	21.00
		MID	64-QAM	20.12	20.16	19.98	21.00
		HIGH	64-QAM	20.12	20.16	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
10	1	LOW	QPSK	**23.54**	23.52	23.58	24.00
		MID	QPSK	23.54	23.52	23.58	24.00
		HIGH	QPSK	23.54	23.52	23.58	24.00
	25	LOW	QPSK	22.53	23.03	23.09	23.00
		MID	QPSK	22.53	23.03	23.09	23.00
		HIGH	QPSK	22.53	23.03	23.09	23.00
	50	LOW	QPSK	22.21	22.12	22.13	23.00
		MID	QPSK	22.21	22.12	22.13	23.00
		HIGH	QPSK	22.21	22.12	22.13	23.00
10	1	LOW	16-QAM	22.12	22.22	22.14	23.00
		MID	16-QAM	22.12	22.22	22.14	23.00
		HIGH	16-QAM	22.12	22.22	22.14	23.00
	25	LOW	16-QAM	21.21	21.12	21.22	22.00
		MID	16-QAM	21.21	21.12	21.22	22.00
		HIGH	16-QAM	21.21	21.12	21.22	22.00
	50	LOW	16-QAM	21.23	21.13	21.22	22.00
		MID	16-QAM	21.23	21.13	21.22	22.00
		HIGH	16-QAM	21.23	21.13	21.22	22.00
10	1	LOW	64-QAM	21.18	21.40	21.23	22.00
		MID	64-QAM	21.18	21.40	21.23	22.00
		HIGH	64-QAM	21.18	21.40	21.23	22.00
	25	LOW	64-QAM	20.97	20.95	20.97	21.00
		MID	64-QAM	20.97	20.95	20.97	21.00
		HIGH	64-QAM	20.97	20.95	20.97	21.00
	50	LOW	64-QAM	20.18	20.25	20.12	21.00
		MID	64-QAM	20.18	20.25	20.12	21.00
		HIGH	64-QAM	20.18	20.25	20.12	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.55	23.09	24.00
		MID	QPSK	23.39	23.55	23.09	24.00
		HIGH	QPSK	23.39	23.55	23.09	24.00
	36	LOW	QPSK	22.25	22.19	22.17	23.00
		MID	QPSK	22.25	22.19	22.17	23.00
		HIGH	QPSK	22.25	22.19	22.17	23.00
	75	LOW	QPSK	22.20	22.13	22.18	23.00
		MID	QPSK	22.20	22.13	22.18	23.00
		HIGH	QPSK	22.20	22.13	22.18	23.00
15	1	LOW	16-QAM	21.17	21.22	21.23	22.00
		MID	16-QAM	21.17	21.22	21.23	22.00
		HIGH	16-QAM	21.17	21.22	21.23	22.00
	36	LOW	16-QAM	20.65	20.62	20.85	21.00
		MID	16-QAM	20.65	20.62	20.85	21.00
		HIGH	16-QAM	20.65	20.62	20.85	21.00
	75	LOW	16-QAM	21.21	21.16	21.09	22.00
		MID	16-QAM	21.21	21.16	21.09	22.00
		HIGH	16-QAM	21.21	21.16	21.09	22.00
15	1	LOW	64-QAM	21.76	21.77	21.77	22.00
		MID	64-QAM	21.76	21.77	21.77	22.00
		HIGH	64-QAM	21.76	21.77	21.77	22.00
	36	LOW	64-QAM	21.63	21.62	21.62	22.00
		MID	64-QAM	21.63	21.62	21.62	22.00
		HIGH	64-QAM	21.63	21.62	21.62	22.00
	75	LOW	64-QAM	20.37	20.30	20.37	21.00
		MID	64-QAM	20.37	20.30	20.37	21.00
		HIGH	64-QAM	20.37	20.30	20.37	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132017	132322	132627	Tune-up power(dBm)
20	1	LOW	QPSK	23.12	**23.19**	23.03	24.00
		MID	QPSK	23.12	**23.19**	23.03	24.00
		HIGH	QPSK	23.12	**23.19**	23.03	24.00
	50	LOW	QPSK	22.17	**22.27**	22.14	23.00
		MID	QPSK	22.17	**22.27**	22.14	23.00
		HIGH	QPSK	22.17	**22.27**	22.14	23.00
	100	LOW	QPSK	22.19	22.13	22.22	23.00
		MID	QPSK	22.19	22.13	22.22	23.00
		HIGH	QPSK	22.19	22.13	22.22	23.00
20	1	LOW	16-QAM	22.83	22.69	22.43	23.00
		MID	16-QAM	22.83	22.69	22.43	23.00
		HIGH	16-QAM	22.83	22.69	22.43	23.00
	50	LOW	16-QAM	21.26	21.22	21.18	22.00
		MID	16-QAM	21.26	21.22	21.18	22.00
		HIGH	16-QAM	21.26	21.22	21.18	22.00
	100	LOW	16-QAM	21.13	21.13	21.13	22.00
		MID	16-QAM	21.13	21.13	21.13	22.00
		HIGH	16-QAM	21.13	21.13	21.13	22.00
20	1	LOW	64-QAM	21.74	21.87	21.68	22.00
		MID	64-QAM	21.74	21.87	21.68	22.00
		HIGH	64-QAM	21.74	21.87	21.68	22.00
	50	LOW	64-QAM	20.37	20.70	20.27	21.00
		MID	64-QAM	20.37	20.70	20.27	21.00
		HIGH	64-QAM	20.37	20.70	20.27	21.00
	100	LOW	64-QAM	20.30	20.58	20.58	21.00
		MID	64-QAM	20.30	20.58	20.58	21.00
		HIGH	64-QAM	20.30	20.58	20.58	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	132007	132670	133333	Tune-up power(dBm)
1.4	1	LOW	QPSK	25.14	25.04	25.51	26.00
		MID	QPSK	25.14	25.04	25.51	26.00
		HIGH	QPSK	25.14	25.04	25.51	26.00
	3	LOW	QPSK	25.26	25.17	25.52	26.00
		MID	QPSK	25.26	25.17	25.52	26.00
		HIGH	QPSK	25.26	25.17	25.52	26.00
	6	LOW	QPSK	22.32	22.27	22.52	23.00
		MID	QPSK	22.32	22.27	22.52	23.00
		HIGH	QPSK	22.32	22.27	22.52	23.00
1.4	1	LOW	16-QAM	20.51	20.45	20.53	21.00
		MID	16-QAM	20.51	20.45	20.53	21.00
		HIGH	16-QAM	20.51	20.45	20.53	21.00
	3	LOW	16-QAM	20.19	20.20	20.27	21.00
		MID	16-QAM	20.19	20.20	20.27	21.00
		HIGH	16-QAM	20.19	20.20	20.27	21.00
	6	LOW	16-QAM	19.19	19.20	19.27	20.00
		MID	16-QAM	19.19	19.20	19.27	20.00
		HIGH	16-QAM	19.19	19.20	19.27	20.00
1.4	1	LOW	64-QAM	20.13	20.12	20.17	21.00
		MID	64-QAM	20.13	20.12	20.17	21.00
		HIGH	64-QAM	20.13	20.12	20.17	21.00
	3	LOW	64-QAM	19.13	19.12	19.17	20.00
		MID	64-QAM	19.13	19.12	19.17	20.00
		HIGH	64-QAM	19.13	19.12	19.17	20.00
	6	LOW	64-QAM	18.13	18.12	18.17	19.00
		MID	64-QAM	18.13	18.12	18.17	19.00
		HIGH	64-QAM	18.13	18.12	18.17	19.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132007	132670	133333	Tune-up power(dBm)
3	1	LOW	QPSK	25.36	25.55	25.46	26.00
		MID	QPSK	25.36	25.55	25.46	26.00
		HIGH	QPSK	25.36	25.55	25.46	26.00
	8	LOW	QPSK	22.41	22.59	22.49	23.00
		MID	QPSK	22.41	22.59	22.49	23.00
		HIGH	QPSK	22.41	22.59	22.49	23.00
	15	LOW	QPSK	22.16	22.33	22.23	23.00
		MID	QPSK	22.16	22.33	22.23	23.00
		HIGH	QPSK	22.16	22.33	22.23	23.00
3	1	LOW	16-QAM	22.17	22.23	22.23	23.00
		MID	16-QAM	22.17	22.23	22.23	23.00
		HIGH	16-QAM	22.17	22.23	22.23	23.00
	8	LOW	16-QAM	21.09	22.22	22.19	23.00
		MID	16-QAM	21.09	22.22	22.19	23.00
		HIGH	16-QAM	21.09	22.22	22.19	23.00
	15	LOW	16-QAM	21.26	21.26	21.27	22.00
		MID	16-QAM	21.26	21.26	21.27	22.00
		HIGH	16-QAM	21.26	21.26	21.27	22.00
3	1	LOW	64-QAM	21.48	21.49	21.12	22.00
		MID	64-QAM	21.48	21.49	21.12	22.00
		HIGH	64-QAM	21.48	21.49	21.12	22.00
	8	LOW	64-QAM	20.56	21.27	21.18	22.00
		MID	64-QAM	20.56	21.27	21.18	22.00
		HIGH	64-QAM	20.56	21.27	21.18	22.00
	15	LOW	64-QAM	21.43	21.13	21.21	22.00
		MID	64-QAM	21.43	21.13	21.21	22.00
		HIGH	64-QAM	21.43	21.13	21.21	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132017	132670	133323	Tune-up power(dBm)
5	1	LOW	QPSK	25.43	25.41	25.48	26.00
		MID	QPSK	25.43	25.41	25.48	26.00
		HIGH	QPSK	25.43	25.41	25.48	26.00
	12	LOW	QPSK	22.57	23.11	23.12	23.00
		MID	QPSK	22.57	23.11	23.12	23.00
		HIGH	QPSK	22.57	23.11	23.12	23.00
	25	LOW	QPSK	22.17	22.22	22.10	23.00
		MID	QPSK	22.17	22.22	22.10	23.00
		HIGH	QPSK	22.17	22.22	22.10	23.00
5	1	LOW	16-QAM	22.17	22.22	22.10	23.00
		MID	16-QAM	22.17	22.22	22.10	23.00
		HIGH	16-QAM	22.17	22.22	22.10	23.00
	12	LOW	16-QAM	21.23	21.23	21.23	22.00
		MID	16-QAM	21.23	21.23	21.23	22.00
		HIGH	16-QAM	21.23	21.23	21.23	22.00
	25	LOW	16-QAM	21.00	21.13	21.11	22.00
		MID	16-QAM	21.00	21.13	21.11	22.00
		HIGH	16-QAM	21.00	21.13	21.11	22.00
5	1	LOW	64-QAM	21.47	21.60	21.20	22.00
		MID	64-QAM	21.47	21.60	21.20	22.00
		HIGH	64-QAM	21.47	21.60	21.20	22.00
	12	LOW	64-QAM	20.56	20.25	20.25	21.00
		MID	64-QAM	20.56	20.25	20.25	21.00
		HIGH	64-QAM	20.56	20.25	20.25	21.00
	25	LOW	64-QAM	20.12	20.16	19.98	21.00
		MID	64-QAM	20.12	20.16	19.98	21.00
		HIGH	64-QAM	20.12	20.16	19.98	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132037	132670	133303	Tune-up power(dBm)
10	1	LOW	QPSK	**23.13**	**23.29**	23.08	24.00
		MID	QPSK	23.23	23.29	23.08	24.00
		HIGH	QPSK	23.23	23.29	23.08	24.00
	25	LOW	QPSK	22.23	22.29	22.08	23.00
		MID	QPSK	22.23	22.29	22.08	23.00
		HIGH	QPSK	22.23	22.29	22.08	23.00
	50	LOW	QPSK	22.13	22.12	22.13	23.00
		MID	QPSK	22.13	22.12	22.13	23.00
		HIGH	QPSK	22.13	22.12	22.13	23.00
10	1	LOW	16-QAM	20.97	20.62	20.98	21.00
		MID	16-QAM	20.97	20.62	20.98	21.00
		HIGH	16-QAM	20.97	20.62	20.98	21.00
	25	LOW	16-QAM	20.23	20.29	20.23	21.00
		MID	16-QAM	20.23	20.29	20.23	21.00
		HIGH	16-QAM	20.23	20.29	20.23	21.00
	50	LOW	16-QAM	20.23	20.17	20.22	21.00
		MID	16-QAM	20.23	20.17	20.22	21.00
		HIGH	16-QAM	20.23	20.17	20.22	21.00
10	1	LOW	64-QAM	20.23	20.29	20.23	21.00
		MID	64-QAM	20.23	20.29	20.23	21.00
		HIGH	64-QAM	20.23	20.29	20.23	21.00
	25	LOW	64-QAM	19.23	19.29	19.23	20.00
		MID	64-QAM	19.23	19.29	19.23	20.00
		HIGH	64-QAM	19.23	19.29	19.23	20.00
	50	LOW	64-QAM	19.23	19.17	19.22	20.00
		MID	64-QAM	19.23	19.17	19.22	20.00
		HIGH	64-QAM	19.23	19.17	19.22	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132670	133293	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.55	23.09	24.00
		MID	QPSK	23.39	23.55	23.09	24.00
		HIGH	QPSK	23.39	23.55	23.09	24.00
	36	LOW	QPSK	22.25	22.19	22.17	23.00
		MID	QPSK	22.25	22.19	22.17	23.00
		HIGH	QPSK	22.25	22.19	22.17	23.00
	75	LOW	QPSK	22.20	22.13	22.18	23.00
		MID	QPSK	22.20	22.13	22.18	23.00
		HIGH	QPSK	22.20	22.13	22.18	23.00
15	1	LOW	16-QAM	21.17	21.22	21.23	22.00
		MID	16-QAM	21.17	21.22	21.23	22.00
		HIGH	16-QAM	21.17	21.22	21.23	22.00
	36	LOW	16-QAM	20.65	20.62	20.85	21.00
		MID	16-QAM	20.65	20.62	20.85	21.00
		HIGH	16-QAM	20.65	20.62	20.85	21.00
	75	LOW	16-QAM	21.21	21.16	21.09	22.00
		MID	16-QAM	21.21	21.16	21.09	22.00
		HIGH	16-QAM	21.21	21.16	21.09	22.00
15	1	LOW	64-QAM	21.76	21.77	21.77	22.00
		MID	64-QAM	21.76	21.77	21.77	22.00
		HIGH	64-QAM	21.76	21.77	21.77	22.00
	36	LOW	64-QAM	21.63	21.62	21.62	22.00
		MID	64-QAM	21.63	21.62	21.62	22.00
		HIGH	64-QAM	21.63	21.62	21.62	22.00
	75	LOW	64-QAM	20.37	20.30	20.37	21.00
		MID	64-QAM	20.37	20.30	20.37	21.00
		HIGH	64-QAM	20.37	20.30	20.37	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132067	132670	133273	Tune-up power(dBm)
20	1	LOW	QPSK	23.12	**23.19**	23.03	24.00
		MID	QPSK	23.12	**23.19**	23.03	24.00
		HIGH	QPSK	23.12	**23.19**	23.03	24.00
	50	LOW	QPSK	22.17	**22.27**	22.14	23.00
		MID	QPSK	22.17	**22.27**	22.14	23.00
		HIGH	QPSK	22.17	**22.27**	22.14	23.00
	100	LOW	QPSK	22.19	22.13	22.22	23.00
		MID	QPSK	22.19	22.13	22.22	23.00
		HIGH	QPSK	22.19	22.13	22.22	23.00
20	1	LOW	16-QAM	22.83	22.69	22.43	23.00
		MID	16-QAM	22.83	22.69	22.43	23.00
		HIGH	16-QAM	22.83	22.69	22.43	23.00
	50	LOW	16-QAM	21.26	21.22	21.18	22.00
		MID	16-QAM	21.26	21.22	21.18	22.00
		HIGH	16-QAM	21.26	21.22	21.18	22.00
	100	LOW	16-QAM	21.13	21.13	21.13	22.00
		MID	16-QAM	21.13	21.13	21.13	22.00
		HIGH	16-QAM	21.13	21.13	21.13	22.00
20	1	LOW	64-QAM	21.74	21.87	21.68	22.00
		MID	64-QAM	21.74	21.87	21.68	22.00
		HIGH	64-QAM	21.74	21.87	21.68	22.00
	50	LOW	64-QAM	20.37	20.70	20.27	21.00
		MID	64-QAM	20.37	20.70	20.27	21.00
		HIGH	64-QAM	20.37	20.70	20.27	21.00
	100	LOW	64-QAM	20.30	20.58	20.58	21.00
		MID	64-QAM	20.30	20.58	20.58	21.00
		HIGH	64-QAM	20.30	20.58	20.58	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.01	23.99	23.61	24.00
		MID	QPSK	23.01	23.99	23.61	24.00
		HIGH	QPSK	23.01	23.99	23.61	24.00
	3	LOW	QPSK	**23.09**	22.99	23.60	24.00
		MID	QPSK	23.09	22.99	23.60	24.00
		HIGH	QPSK	23.09	22.99	22.69	24.00
	6	LOW	QPSK	22.09	22.02	22.69	23.00
		MID	QPSK	22.09	22.02	22.69	23.00
		HIGH	QPSK	22.09	22.02	22.69	23.00
1.4	1	LOW	16-QAM	22.24	22.26	22.23	23.00
		MID	16-QAM	22.24	22.26	22.23	23.00
		HIGH	16-QAM	22.24	22.26	22.23	23.00
	3	LOW	16-QAM	21.18	22.26	22.22	23.00
		MID	16-QAM	21.18	22.26	22.22	23.00
		HIGH	16-QAM	21.18	22.26	22.22	23.00
	6	LOW	16-QAM	20.18	20.29	20.18	21.00
		MID	16-QAM	20.18	20.29	20.18	21.00
		HIGH	16-QAM	20.18	20.29	20.18	21.00
1.4	1	LOW	64-QAM	21.40	21.49	21.23	22.00
		MID	64-QAM	21.40	21.49	21.23	22.00
		HIGH	64-QAM	21.40	21.49	21.23	22.00
	3	LOW	64-QAM	21.21	21.39	21.08	22.00
		MID	64-QAM	21.21	21.39	21.08	22.00
		HIGH	64-QAM	21.21	21.39	21.08	22.00
	6	LOW	64-QAM	20.23	20.33	20.17	21.00
		MID	64-QAM	20.23	20.33	20.17	21.00
		HIGH	64-QAM	20.23	20.33	20.17	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.36	23.55	23.46	24.00
		MID	QPSK	23.36	23.55	23.46	24.00
		HIGH	QPSK	23.36	23.55	23.46	24.00
	8	LOW	QPSK	22.41	22.59	22.49	23.00
		MID	QPSK	22.41	22.59	22.49	23.00
		HIGH	QPSK	22.41	22.59	22.49	23.00
	15	LOW	QPSK	22.16	22.33	22.23	23.00
		MID	QPSK	22.16	22.33	22.23	23.00
		HIGH	QPSK	22.16	22.33	22.23	23.00
3	1	LOW	16-QAM	22.17	22.23	22.23	23.00
		MID	16-QAM	22.17	22.23	22.23	23.00
		HIGH	16-QAM	22.17	22.23	22.23	23.00
	8	LOW	16-QAM	21.09	22.22	22.19	23.00
		MID	16-QAM	21.09	22.22	22.19	23.00
		HIGH	16-QAM	21.09	22.22	22.19	23.00
	15	LOW	16-QAM	21.26	21.26	21.27	22.00
		MID	16-QAM	21.26	21.26	21.27	22.00
		HIGH	16-QAM	21.26	21.26	21.27	22.00
3	1	LOW	64-QAM	21.48	21.49	21.12	22.00
		MID	64-QAM	21.48	21.49	21.12	22.00
		HIGH	64-QAM	21.48	21.49	21.12	22.00
	8	LOW	64-QAM	20.56	21.27	21.18	22.00
		MID	64-QAM	20.56	21.27	21.18	22.00
		HIGH	64-QAM	20.56	21.27	21.18	22.00
	15	LOW	64-QAM	21.43	21.13	21.21	22.00
		MID	64-QAM	21.43	21.13	21.21	22.00
		HIGH	64-QAM	21.43	21.13	21.21	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132017	132322	132627	Tune-up

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.48	21.47	21.43	22.50
		MID	QPSK	21.51	21.48	21.48	22.50
		HIGH	QPSK	21.49	21.45	21.35	22.50
	3	LOW	QPSK	21.53	21.50	21.47	22.50
		MID	QPSK	**21.58**	21.49	21.49	22.50
		HIGH	QPSK	21.51	21.51	21.46	22.50
	6	LOW	QPSK	20.57	20.56	20.48	21.50
	1	LOW	QAM	20.68	20.91	20.49	21.50
		MID	QAM	20.76	20.94	20.56	21.50
		HIGH	QAM	20.69	20.90	20.53	21.50
1.4	3	LOW	QAM	20.64	20.73	20.61	21.50
		MID	QAM	20.64	20.78	20.75	21.50
		HIGH	QAM	20.62	20.75	20.53	21.50
	6	LOW	QAM	19.60	19.49	19.71	20.50
1.4	1	LOW	64QAM	19.73	19.68	19.52	20.50
		MID	64QAM	19.72	19.83	19.71	20.50
		HIGH	64QAM	19.72	19.85	19.92	20.50
	3	LOW	64QAM	19.74	19.65	19.68	20.50
		MID	64QAM	19.75	19.81	19.75	20.50
		HIGH	64QAM	19.75	19.78	19.67	20.50
	6	LOW	64QAM	18.66	18.61	18.57	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.51	21.45	21.55	22.50
		MID	QPSK	**21.58**	21.51	**21.59**	22.50
		HIGH	QPSK	21.54	21.49	21.52	22.50
	8	LOW	QPSK	20.64	20.54	20.58	21.50
		MID	QPSK	20.64	20.63	20.53	21.50
		HIGH	QPSK	20.64	20.62	20.58	21.50
	15	LOW	QPSK	20.64	20.50	20.58	21.50
3	1	LOW	QAM	20.60	20.66	21.00	21.50
		MID	QAM	20.66	21.08	20.68	21.50
		HIGH	QAM	20.55	21.03	20.61	21.50
	8	LOW	QAM	19.73	19.63	19.66	20.50
		MID	QAM	19.72	19.71	19.65	20.50
		HIGH	QAM	19.75	19.70	19.62	20.50
	15	LOW	QAM	19.67	19.59	19.59	20.50
3	1	LOW	64QAM	19.74	19.64	19.77	20.50
		MID	64QAM	19.77	20.17	19.69	20.50
		HIGH	64QAM	19.62	20.17	19.53	20.50
	8	LOW	64QAM	19.70	19.69	19.64	19.50
		MID	64QAM	19.68	19.64	19.76	19.50
		HIGH	64QAM	19.76	19.74	19.75	19.50
	15	LOW	64QAM	19.79	19.48	19.64	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.54	21.48	21.42	22.50
		MID	QPSK	**21.62**	21.57	21.52	22.50
		HIGH	QPSK	21.48	21.53	21.44	22.50
	12	LOW	QPSK	20.60	20.49	20.55	21.50
		MID	QPSK	20.64	20.62	20.56	21.50
		HIGH	QPSK	20.59	20.62	20.52	21.50
	25	LOW	QPSK	20.60	20.49	20.56	21.50
5	1	LOW	QAM	20.75	21.04	20.65	21.50
		MID	QAM	20.82	21.12	20.74	21.50
		HIGH	QAM	20.77	21.07	20.63	21.50
	12	LOW	QAM	19.70	19.68	19.65	20.50
		MID	QAM	19.76	19.76	19.69	20.50
		HIGH	QAM	19.71	19.74	19.60	20.50
	25	LOW	QAM	19.64	19.56	19.51	20.50
5	1	LOW	64QAM	19.62	20.12	19.55	20.50
		MID	64QAM	19.76	19.97	19.64	20.50
		HIGH	64QAM	19.72	19.92	19.56	20.50
	12	LOW	64QAM	18.74	18.59	18.51	19.50
		MID	64QAM	18.74	18.77	18.57	19.50
		HIGH	64QAM	18.80	18.79	18.51	19.50
	25	LOW	64QAM	18.65	18.48	18.52	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**21.57**	21.47	21.53	22.50
		MID	QPSK	21.43	21.51	21.53	22.50
		HIGH	QPSK	21.48	21.53	21.52	22.50
	25	LOW	QPSK	20.63	20.53	20.52	21.50
		MID	QPSK	20.64	20.52	20.52	21.50
		HIGH	QPSK	20.60	20.59	20.58	21.50
	50	LOW	QPSK	20.57	20.59	20.48	21.50
10	1	LOW	QAM	20.56	20.97	20.60	21.50
		MID	QAM	20.51	20.95	20.58	21.50
		HIGH	QAM	20.51	20.96	20.55	21.50
	25	LOW	QAM	19.66	19.65	19.64	20.50
		MID	QAM	19.69	19.65	19.68	20.50
		HIGH	QAM	19.67	19.67	19.70	20.50
	50	LOW	QAM	19.63	19.58	19.57	20.50
10	1	LOW	64QAM	19.59	20.12	19.64	20.50
		MID	64QAM	19.50	19.83	19.49	20.50
		HIGH	64QAM	19.61	20.06	19.41	20.50
	25	LOW	64QAM	18.71	18.79	18.72	19.50
		MID	64QAM	18.60	18.58	18.71	19.50
		HIGH	64QAM	18.68	18.81	18.80	19.50
	50	LOW	64QAM	18.74	18.67	18.48	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.46	21.50	**21.59**	22.50
		MID	QPSK	21.53	21.51	21.52	22.50
		HIGH	QPSK	21.54	21.53	21.52	22.50
	36	LOW	QPSK	20.56	20.59	20.58	21.50
		MID	QPSK	20.67	20.61	20.58	21.50
		HIGH	QPSK	20.63	20.66	20.64	21.50
	75	LOW	QPSK	20.45	20.57	20.55	21.50
15	1	LOW	QAM	20.49	20.98	21.00	21.50
		MID	QAM	20.49	20.98	21.05	21.50
		HIGH	QAM	20.46	21.01	21.06	21.50
	36	LOW	QAM	19.61	19.61	19.55	20.50
		MID	QAM	19.70	19.68	19.59	20.50
		HIGH	QAM	19.66	19.71	19.61	20.50
	75	LOW	QAM	19.45	19.63	19.62	20.50
15	1	LOW	64QAM	19.44	20.13	19.91	20.50
		MID	64QAM	19.52	19.96	19.94	20.50
		HIGH	64QAM	19.63	20.10	20.12	20.50
	36	LOW	64QAM	18.46	18.70	18.61	19.50
		MID	64QAM	18.67	18.70	18.91	19.50
		HIGH	64QAM	18.82	18.87	18.85	19.50
	75	LOW	64QAM	18.75	18.63	18.65	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.50	21.46	21.47	22.50
		MID	QPSK	21.38	21.49	21.38	22.50
		HIGH	QPSK	21.39	**21.56**	21.49	22.50
	50	LOW	QPSK	20.61	20.53	20.49	21.50
		MID	QPSK	20.61	20.63	20.49	21.50
		HIGH	QPSK	20.47	**20.69**	20.55	21.50
	100	LOW	QPSK	20.47	20.47	20.57	21.50
20	1	LOW	QAM	20.42	21.00	20.94	21.50
		MID	QAM	20.41	20.91	20.99	21.50
		HIGH	QAM	20.46	**21.09**	20.99	21.50
	50	LOW	QAM	19.53	19.57	19.57	20.50
		MID	QAM	19.71	19.59	19.55	20.50
		HIGH	QAM	19.67	19.67	19.64	20.50
	100	LOW	QAM	19.63	19.64	19.54	20.50
20	1	LOW	64QAM	19.39	20.12	19.84	20.50
		MID	64QAM	19.58	19.86	19.98	20.50
		HIGH	64QAM	19.68	20.12	20.07	20.50
	50	LOW	64QAM	18.46	18.50	18.65	19.50
		MID	64QAM	18.63	18.67	18.45	19.50
		HIGH	64QAM	18.59	18.63	18.40	19.50
	100	LOW	64QAM	18.66	18.60	18.52	19.50

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.48	21.47	21.43	22.50
		MID	QPSK	21.51	21.48	21.48	22.50
		HIGH	QPSK	21.49	21.45	21.35	22.50
	3	LOW	QPSK	21.53	21.50	21.47	22.50
		MID	QPSK	**21.58**	21.49	21.49	22.50
		HIGH	QPSK	21.51	21.51	21.46	22.50
	6	LOW	QPSK	20.57	20.56	20.48	21.50
1.4	1	LOW	QAM	20.68	20.91	20.49	21.50
		MID	QAM	20.76	20.94	20.56	21.50
		HIGH	QAM	20.69	20.90	20.53	21.50
	3	LOW	QAM	20.64	20.73	20.61	21.50
		MID	QAM	20.64	20.78	20.75	21.50
		HIGH	QAM	20.62	20.75	20.53	21.50
	6	LOW	QAM	19.60	19.49	19.71	20.50
1.4	1	LOW	64QAM	19.73	19.68	19.52	20.50
		MID	64QAM	19.72	19.83	19.71	20.50
		HIGH	64QAM	19.72	19.85	19.92	20.50
	3	LOW	64QAM	19.74	19.65	19.68	20.50
		MID	64QAM	19.75	19.81	19.75	20.50
		HIGH	64QAM	19.75	19.78	19.67	20.50
	6	LOW	64QAM	18.66	18.61	18.57	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.51	21.45	21.55	22.50
		MID	QPSK	**21.58**	21.51	**21.59**	22.50
		HIGH	QPSK	21.54	21.49	21.52	22.50
	8	LOW	QPSK	20.64	20.54	20.58	21.50
		MID	QPSK	20.64	20.63	20.53	21.50
		HIGH	QPSK	20.64	20.62	20.58	21.50
	15	LOW	QPSK	20.64	20.50	20.58	21.50
3	1	LOW	QAM	20.60	20.66	21.00	21.50
		MID	QAM	20.66	21.08	20.68	21.50
		HIGH	QAM	20.55	21.03	20.61	21.50
	8	LOW	QAM	19.73	19.63	19.66	20.50
		MID	QAM	19.72	19.71	19.65	20.50
		HIGH	QAM	19.75	19.70	19.62	20.50
	15	LOW	QAM	19.67	19.59	19.59	20.50
3	1	LOW	64QAM	19.74	19.64	19.77	20.50
		MID	64QAM	19.77	20.17	19.69	20.50
		HIGH	64QAM	19.62	20.17	19.53	20.50
	8	LOW	64QAM	19.70	19.69	19.64	19.50
		MID	64QAM	19.68	19.64	19.76	19.50
		HIGH	64QAM	19.76	19.74	19.75	19.50
	15	LOW	64QAM	19.79	19.48	19.64	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.54	21.48	21.42	22.50
		MID	QPSK	**21.62**	21.57	21.52	22.50
		HIGH	QPSK	21.48	21.53	21.44	22.50
	12	LOW	QPSK	20.60	20.49	20.55	21.50
		MID	QPSK	20.64	20.62	20.56	21.50
		HIGH	QPSK	20.59	20.62	20.52	21.50
	25	LOW	QPSK	20.60	20.49	20.56	21.50
5	1	LOW	QAM	20.75	21.04	20.65	21.50
		MID	QAM	20.82	21.12	20.74	21.50
		HIGH	QAM	20.77	21.07	20.63	21.50
	12	LOW	QAM	19.70	19.68	19.65	20.50
		MID	QAM	19.76	19.76	19.69	20.50
		HIGH	QAM	19.71	19.74	19.60	20.50
	25	LOW	QAM	19.64	19.56	19.51	20.50
5	1	LOW	64QAM	19.62	20.12	19.55	20.50
		MID	64QAM	19.76	19.97	19.64	20.50
		HIGH	64QAM	19.72	19.92	19.56	20.50
	12	LOW	64QAM	18.74	18.59	18.51	19.50
		MID	64QAM	18.74	18.77	18.57	19.50
		HIGH	64QAM	18.80	18.79	18.51	19.50
	25	LOW	64QAM	18.65	18.48	18.52	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**21.57**	21.47	21.53	22.50
		MID	QPSK	21.43	21.51	21.53	22.50
		HIGH	QPSK	21.48	21.53	21.52	22.50
	25	LOW	QPSK	20.63	20.53	20.52	21.50
		MID	QPSK	20.64	20.52	20.52	21.50
		HIGH	QPSK	20.60	20.59	20.58	21.50
	50	LOW	QPSK	20.57	20.59	20.48	21.50
10	1	LOW	QAM	20.56	20.97	20.60	21.50
		MID	QAM	20.51	20.95	20.58	21.50
		HIGH	QAM	20.51	20.96	20.55	21.50
	25	LOW	QAM	19.66	19.65	19.64	20.50
		MID	QAM	19.69	19.65	19.68	20.50
		HIGH	QAM	19.67	19.67	19.70	20.50
	50	LOW	QAM	19.63	19.58	19.57	20.50
10	1	LOW	64QAM	19.59	20.12	19.64	20.50
		MID	64QAM	19.50	19.83	19.49	20.50
		HIGH	64QAM	19.61	20.06	19.41	20.50
	25	LOW	64QAM	18.71	18.79	18.72	19.50
		MID	64QAM	18.60	18.58	18.71	19.50
		HIGH	64QAM	18.68	18.81	18.80	19.50
	50	LOW	64QAM	18.74	18.67	18.48	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.46	21.50	**21.59**	22.50
		MID	QPSK	21.53	21.51	21.52	22.50
		HIGH	QPSK	21.54	21.53	21.52	22.50
	36	LOW	QPSK	20.56	20.59	20.58	21.50
		MID	QPSK	20.67	20.61	20.58	21.50
		HIGH	QPSK	20.63	20.66	20.64	21.50
	75	LOW	QPSK	20.45	20.57	20.55	21.50
15	1	LOW	QAM	20.49	20.98	21.00	21.50
		MID	QAM	20.49	20.98	21.05	21.50
		HIGH	QAM	20.46	21.01	21.06	21.50
	36	LOW	QAM	19.61	19.61	19.55	20.50
		MID	QAM	19.70	19.68	19.59	20.50
		HIGH	QAM	19.66	19.71	19.61	20.50
	75	LOW	QAM	19.45	19.63	19.62	20.50
15	1	LOW	64QAM	19.44	20.13	19.91	20.50
		MID	64QAM	19.52	19.96	19.94	20.50
		HIGH	64QAM	19.63	20.10	20.12	20.50
	36	LOW	64QAM	18.46	18.70	18.61	19.50
		MID	64QAM	18.67	18.70	18.91	19.50
		HIGH	64QAM	18.82	18.87	18.85	19.50
	75	LOW	64QAM	18.75	18.63	18.65	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.50	21.46	21.47	22.50
		MID	QPSK	21.38	21.49	21.38	22.50
		HIGH	QPSK	21.39	**21.56**	21.49	22.50
	50	LOW	QPSK	20.61	20.53	20.49	21.50
		MID	QPSK	20.61	20.63	20.49	21.50
		HIGH	QPSK	20.47	**20.69**	20.55	21.50
	100	LOW	QPSK	20.47	20.47	20.57	21.50
20	1	LOW	QAM	20.42	21.00	20.94	21.50
		MID	QAM	20.41	20.91	20.99	21.50
		HIGH	QAM	20.46	**21.09**	20.99	21.50
	50	LOW	QAM	19.53	19.57	19.57	20.50
		MID	QAM	19.71	19.59	19.55	20.50
		HIGH	QAM	19.67	19.67	19.64	20.50
	100	LOW	QAM	19.63	19.64	19.54	20.50
20	1	LOW	64QAM	19.39	20.12	19.84	20.50
		MID	64QAM	19.58	19.86	19.98	20.50
		HIGH	64QAM	19.68	20.12	20.07	20.50
	50	LOW	64QAM	18.46	18.50	18.65	19.50
		MID	64QAM	18.63	18.67	18.45	19.50
		HIGH	64QAM	18.59	18.63	18.40	19.50
	100	LOW	64QAM	18.66	18.60	18.52	19.50

LTE B66-Full Power -State 18-Ant.3(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.48	21.47	21.43	22.50
		MID	QPSK	21.51	21.48	21.48	22.50
		HIGH	QPSK	21.49	21.45	21.35	22.50
	3	LOW	QPSK	21.53	21.50	21.47	22.50
		MID	QPSK	**21.58**	21.49	21.49	22.50
		HIGH	QPSK	21.51	21.51	21.46	22.50
	6	LOW	QPSK	20.57	20.56	20.48	21.50
1.4	1	LOW	QAM	20.68	20.91	20.49	21.50
		MID	QAM	20.76	20.94	20.56	21.50
		HIGH	QAM	20.69	20.90	20.53	21.50
	3	LOW	QAM	20.64	20.73	20.61	21.50
		MID	QAM	20.64	20.78	20.75	21.50
		HIGH	QAM	20.62	20.75	20.53	21.50
	6	LOW	QAM	19.60	19.49	19.71	20.50
1.4	1	LOW	64QAM	19.73	19.68	19.52	20.50
		MID	64QAM	19.72	19.83	19.71	20.50
		HIGH	64QAM	19.72	19.85	19.92	20.50
	3	LOW	64QAM	19.74	19.65	19.68	20.50
		MID	64QAM	19.75	19.81	19.75	20.50
		HIGH	64QAM	19.75	19.78	19.67	20.50
	6	LOW	64QAM	18.66	18.61	18.57	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.51	21.45	21.55	22.50
		MID	QPSK	**21.58**	21.51	**21.59**	22.50
		HIGH	QPSK	21.54	21.49	21.52	22.50
	8	LOW	QPSK	20.64	20.54	20.58	21.50
		MID	QPSK	20.64	20.63	20.53	21.50
		HIGH	QPSK	20.64	20.62	20.58	21.50
	15	LOW	QPSK	20.64	20.50	20.58	21.50
3	1	LOW	QAM	20.60	20.66	21.00	21.50
		MID	QAM	20.66	21.08	20.68	21.50
		HIGH	QAM	20.55	21.03	20.61	21.50
	8	LOW	QAM	19.73	19.63	19.66	20.50
		MID	QAM	19.72	19.71	19.65	20.50
		HIGH	QAM	19.75	19.70	19.62	20.50
	15	LOW	QAM	19.67	19.59	19.59	20.50
3	1	LOW	64QAM	19.74	19.64	19.77	20.50
		MID	64QAM	19.77	20.17	19.69	20.50
		HIGH	64QAM	19.62	20.17	19.53	20.50
	8	LOW	64QAM	19.70	19.69	19.64	19.50
		MID	64QAM	19.68	19.64	19.76	19.50
		HIGH	64QAM	19.76	19.74	19.75	19.50
	15	LOW	64QAM	19.79	19.48	19.64	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.54	21.48	21.42	22.50
		MID	QPSK	**21.62**	21.57	21.52	22.50
		HIGH	QPSK	21.48	21.53	21.44	22.50
	12	LOW	QPSK	20.60	20.49	20.55	21.50
		MID	QPSK	20.64	20.62	20.56	21.50
		HIGH	QPSK	20.59	20.62	20.52	21.50
	25	LOW	QPSK	20.60	20.49	20.56	21.50
5	1	LOW	QAM	20.75	21.04	20.65	21.50
		MID	QAM	20.82	21.12	20.74	21.50
		HIGH	QAM	20.77	21.07	20.63	21.50
	12	LOW	QAM	19.70	19.68	19.65	20.50
		MID	QAM	19.76	19.76	19.69	20.50
		HIGH	QAM	19.71	19.74	19.60	20.50
	25	LOW	QAM	19.64	19.56	19.51	20.50
5	1	LOW	64QAM	19.62	20.12	19.55	20.50
		MID	64QAM	19.76	19.97	19.64	20.50
		HIGH	64QAM	19.72	19.92	19.56	20.50
	12	LOW	64QAM	18.74	18.59	18.51	19.50
		MID	64QAM	18.74	18.77	18.57	19.50
		HIGH	64QAM	18.80	18.79	18.51	19.50
	25	LOW	64QAM	18.65	18.48	18.52	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**21.57**	21.47	21.53	22.50
		MID	QPSK	21.43	21.51	21.53	22.50
		HIGH	QPSK	21.48	21.53	21.52	22.50
	25	LOW	QPSK	20.63	20.53	20.52	21.50
		MID	QPSK	20.64	20.52	20.52	21.50
		HIGH	QPSK	20.60	20.59	20.58	21.50
	50	LOW	QPSK	20.57	20.59	20.48	21.50
10	1	LOW	QAM	20.56	20.97	20.60	21.50
		MID	QAM	20.51	20.95	20.58	21.50
		HIGH	QAM	20.51	20.96	20.55	21.50
	25	LOW	QAM	19.66	19.65	19.64	20.50
		MID	QAM	19.69	19.65	19.68	20.50
		HIGH	QAM	19.67	19.67	19.70	20.50
	50	LOW	QAM	19.63	19.58	19.57	20.50
10	1	LOW	64QAM	19.59	20.12	19.64	20.50
		MID	64QAM	19.50	19.83	19.49	20.50
		HIGH	64QAM	19.61	20.06	19.41	20.50
	25	LOW	64QAM	18.71	18.79	18.72	19.50
		MID	64QAM	18.60	18.58	18.71	19.50
		HIGH	64QAM	18.68	18.81	18.80	19.50
	50	LOW	64QAM	18.74	18.67	18.48	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.46	21.50	**21.59**	22.50
		MID	QPSK	21.53	21.51	21.52	22.50
		HIGH	QPSK	21.54	21.53	21.52	22.50
	36	LOW	QPSK	20.56	20.59	20.58	21.50
		MID	QPSK	20.67	20.61	20.58	21.50
		HIGH	QPSK	20.63	20.66	20.64	21.50
	75	LOW	QPSK	20.45	20.57	20.55	21.50
15	1	LOW	QAM	20.49	20.98	21.00	21.50
		MID	QAM	20.49	20.98	21.05	21.50
		HIGH	QAM	20.46	21.01	21.06	21.50
	36	LOW	QAM	19.61	19.61	19.55	20.50
		MID	QAM	19.70	19.68	19.59	20.50
		HIGH	QAM	19.66	19.71	19.61	20.50
	75	LOW	QAM	19.45	19.63	19.62	20.50
15	1	LOW	64QAM	19.44	20.13	19.91	20.50
		MID	64QAM	19.52	19.96	19.94	20.50
		HIGH	64QAM	19.63	20.10	20.12	20.50
	36	LOW	64QAM	18.46	18.70	18.61	19.50
		MID	64QAM	18.67	18.70	18.91	19.50
		HIGH	64QAM	18.82	18.87	18.85	19.50
	75	LOW	64QAM	18.75	18.63	18.65	19.50

Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.50	21.46	21.47	22.50
		MID	QPSK	21.38	21.49	21.38	22.50
		HIGH	QPSK	21.39	**21.56**	21.49	22.50
	50	LOW	QPSK	20.61	20.53	20.49	21.50
		MID	QPSK	20.61	20.63	20.49	21.50
		HIGH	QPSK	20.47	**20.69**	20.55	21.50
	100	LOW	QPSK	20.47	20.47	20.57	21.50
20	1	LOW	QAM	20.42	21.00	20.94	21.50
		MID	QAM	20.41	20.91	20.99	21.50
		HIGH	QAM	20.46	**21.09**	20.99	21.50
	50	LOW	QAM	19.53	19.57	19.57	20.50
		MID	QAM	19.71	19.59	19.55	20.50
		HIGH	QAM	19.67	19.67	19.64	20.50
	100	LOW	QAM	19.63	19.64	19.54	20.50
20	1	LOW	64QAM	19.39	20.12	19.84	20.50
		MID	64QAM	19.58	19.86	19.98	20.50
		HIGH	64QAM	19.68	20.12	20.07	20.50
	50	LOW	64QAM	18.46	18.50	18.65

LTE B66-Full Power -Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dB m)
1.4	1	LOW	QPSK	21.40	21.43	21.43	22.00
		MID	QPSK	21.50	21.50	21.42	22.00
		HIGH	QPSK	21.50	21.43	21.35	22.00
	3	LOW	QPSK	21.49	21.50	21.41	22.00
		MID	QPSK	**21.54**	21.46	21.39	22.00
		HIGH	QPSK	21.47	21.45	21.40	22.00
	6	LOW	QPSK	20.50	20.47	20.46	21.00
		LOW	Q16	20.61	20.69	20.50	21.00
	1	MID	Q16	20.72	20.66	20.59	21.00
		HIGH	Q16	20.64	20.64	20.55	21.00
	3	LOW	Q16	20.63	20.72	20.59	21.00
		MID	Q16	20.61	20.77	20.75	21.00
		HIGH	Q16	20.61	20.75	20.67	21.00
	6	LOW	Q16	19.60	19.40	19.70	20.00
		LOW	64QAM	19.65	19.64	19.54	20.00
	1	MID	64QAM	19.72	19.78	19.72	20.00
		HIGH	64QAM	19.74	19.77	19.67	20.00
	3	LOW	64QAM	19.75	19.58	19.70	20.00
		MID	64QAM	19.71	19.83	19.73	20.00
		HIGH	64QAM	19.73	19.88	19.68	20.00
	6	LOW	64QAM	18.63	18.58	18.57	19.00

LTE B66-Full Power -Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132647	Tune-up power(dB m)
3	1	LOW	QPSK	21.49	21.47	21.54	22.00
		MID	QPSK	21.54	21.46	**21.59**	22.00
		HIGH	QPSK	21.56	21.45	21.47	22.00
	8	LOW	QPSK	20.61	20.47	20.49	21.00
		MID	QPSK	20.63	20.64	20.45	21.00
		HIGH	QPSK	20.48	20.64	20.45	21.00
	15	LOW	QPSK	20.60	20.49	20.57	21.00
		LOW	Q16	20.68	20.66	20.66	21.00
	1	MID	Q16	20.68	20.72	20.70	21.00
		HIGH	Q16	20.50	20.64	20.58	21.00
	8	LOW	Q16	19.70	19.58	19.61	20.00
		MID	Q16	19.71	19.78	19.58	20.00
		HIGH	Q16	19.77	19.69	19.58	20.00
	15	LOW	Q16	19.62	19.58	19.52	20.00
		LOW	64QAM	19.73	19.64	19.74	20.00
	1	MID	64QAM	19.26	19.61	19.23	20.00
		HIGH	64QAM	19.28	19.79	19.14	20.00
	8	LOW	64QAM	18.49	18.51	18.42	19.00
		MID	64QAM	18.43	18.41	18.54	19.00
		HIGH	64QAM	18.56	18.55	18.51	19.00
	15	LOW	64QAM	18.73	18.50	18.61	19.00

LTE B66-Full Power -Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dB m)
5	1	LOW	QPSK	21.47	21.46	21.33	22.00
		MID	QPSK	**21.62**	21.49	21.43	22.00
		HIGH	QPSK	21.45	21.50	21.36	22.00
	12	LOW	QPSK	20.52	20.50	20.43	21.00
		MID	QPSK	20.65	20.54	20.47	21.00
		HIGH	QPSK	20.55	20.66	20.47	21.00
	25	LOW	QPSK	20.58	20.49	20.50	21.00
		LOW	Q16	20.77	20.66	20.59	21.00
	1	MID	Q16	20.76	20.63	20.67	21.00
		HIGH	Q16	20.79	20.68	20.58	21.00
	12	LOW	Q16	19.61	19.67	19.67	20.00
		MID	Q16	19.68	19.76	19.60	20.00
		HIGH	Q16	19.71	19.74	19.58	20.00
	25	LOW	Q16	19.62	19.48	19.48	20.00
		LOW	64QAM	19.61	19.75	19.45	20.00
	1	MID	64QAM	19.74	19.96	19.62	20.00
		HIGH	64QAM	19.74	19.93	19.48	20.00
	12	LOW	64QAM	18.69	18.60	18.43	19.00
		MID	64QAM	18.74	18.74	18.49	19.00
		HIGH	64QAM	18.82	18.81	18.47	19.00
	25	LOW	64QAM	18.65	18.62	18.47	19.00

LTE B66-Full Power -Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dB m)
10	1	LOW	QPSK	21.51	21.38	21.46	22.00
		MID	QPSK	21.37	21.52	**21.55**	22.00
		HIGH	QPSK	21.46	21.53	21.50	22.00
	25	LOW	QPSK	20.61	20.47	20.48	21.00
		MID	QPSK	20.66	20.52	20.45	21.00
		HIGH	QPSK	20.62	20.55	20.49	21.00
	50	LOW	QPSK	20.63	20.58	20.45	21.00
		LOW	Q16	20.57	20.60	20.59	21.00
	1	MID	Q16	20.44	20.67	20.52	21.00
		HIGH	Q16	20.43	20.60	20.53	21.00
	25	LOW	Q16	19.62	19.66	19.57	20.00
		MID	Q16	19.71	19.63	19.68	20.00
		HIGH	Q16	19.61	19.63	19.61	20.00
	50	LOW	Q16	19.55	19.50	19.53	20.00
		LOW	64QAM	19.59	19.54	19.57	20.00
	1	MID	64QAM	19.47	19.64	19.43	20.00
		HIGH	64QAM	19.53	19.56	19.43	20.00
	25	LOW	64QAM	18.46	18.61	18.73	19.00
		MID	64QAM	18.51	18.56	18.67	19.00
		HIGH	64QAM	18.64	18.72	18.72	19.00
	50	LOW	64QAM	18.67	18.58	18.40	19.00

LTE B66-Full Power -Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dB m)
15	1	LOW	QPSK	21.38	21.44	21.47	22.00
		MID	QPSK	21.48	21.47	21.44	22.00
		HIGH	QPSK	**21.53**	21.45	21.50	22.00
	36	LOW	QPSK	20.53	20.50	20.58	21.00
		MID	QPSK	20.62	20.61	20.58	21.00
		HIGH	QPSK	20.64	20.64	20.58	21.00
	75	LOW	QPSK	20.60	20.52	20.52	21.00
		LOW	Q16	20.46	20.66	20.67	21.00
	1	MID	Q16	20.44	20.95	20.67	21.00
		HIGH	Q16	20.47	20.65	20.60	21.00
	36	LOW	Q16	19.53	19.62	19.55	20.00
		MID	Q16	19.62	19.67	19.54	20.00
		HIGH	Q16	19.60	19.73	19.62	20.00
	75	LOW	Q16	19.46	19.58	19.48	20.00
		LOW	64QAM	19.38	19.54	19.67	20.00
	1	MID	64QAM	19.45	19.64	19.67	20.00
		HIGH	64QAM	19.54	19.60	19.63	20.00
	36	LOW	64QAM	18.46	18.61	18.67	19.00
		MID	64QAM	18.59	18.71	18.67	19.00
		HIGH	64QAM	18.63	18.69	18.58	19.00
	75	LOW	64QAM	18.69	18.63	18.58	19.00

LTE B66-Full Power -Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dB m)
20	1	LOW	QPSK	21.44	**21.60**	21.52	22.00
		MID	QPSK	21.50	21.44	21.52	22.00
		HIGH	QPSK	21.47	21.48	21.44	22.00
	50	LOW	QPSK	20.52	20.49	20.52	21.00
		MID	QPSK	20.67	20.62	20.53	21.00
		HIGH	QPSK	20.52	20.63	20.53	21.00
	100	LOW	QPSK	20.55	20.58	20.53	21.00
		LOW	Q16	20.50	20.90	20.86	21.00
	1	MID	Q16	20.40	20.91	20.85	21.00
		HIGH	Q16	20.42	**21.00**	20.99	21.00
	50	LOW	Q16	19.59	19.58	19.49	20.00
		MID	Q16	19.70	19.60	19.57	20.00
		HIGH	Q16	19.60	19.63	19.59	20.00
	100	LOW	Q16	19.56	19.63	19.49	20.00
		LOW	64QAM	19.38	19.48	19.51	20.00
	1	MID	64QAM	19.56	19.89	19.67	20.00
		HIGH	64QAM	19.54	19.59	19.64	20.00
	50	LOW	64QAM	18.49	18.48	18.58	19.00
		MID	64QAM	18.64	18.71	18.57	19.00
		HIGH	64QAM	18.67	18.48	18.43	19.00
	100	LOW	64QAM	18.49	18.63	18.52	19.00

LTE B66-Full Power -State 17-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dB m)
1.4	1	LOW	QPSK	21.40	21.43	21.43	22.00
		MID	QPSK	21.50	21.50	21.42	22.00
		HIGH	QPSK	21.50	21.43	21.35	22.00
	3	LOW	QPSK	21.49	21.50	21.41	22.00
		MID	QPSK	**21.54**	21.46	21.39	22.00
		HIGH	QPSK	21.47	21.45	21.40	22.00
	6	LOW	QPSK	20.50	20.47	20.46	21.00
		LOW	Q16	20.61	20.69	20.50	21.00
	1	MID	Q16	20.72	20.66	20.59	21.00
		HIGH	Q16	20.64	20.64	20.55	21.00
	3	LOW	Q16	20.63	20.72	20.59	21.00
		MID	Q16	20.61	20.77	20.75	21.00
		HIGH	Q16	20.61	20.75	20.67	21.00
	6	LOW	Q16	19.60	19.40	19.70	20.00
		LOW	64QAM	19.65	19.64	19.54	20.00
	1	MID	64QAM	19.72	19.78	19.72	20.00
		HIGH	64QAM	19.74	19.77	19.67	20.00
	3	LOW	64QAM	19.75	19.58	19.70	20.00
		MID	64QAM	19.71	19.83	19.73	20.00
		HIGH	64QAM	19.73	19.88	19.68	20.00
	6	LOW	64QAM	18.63	18.58	18.57	19.00

LTE B66-Full Power -State 17-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132647	Tune-up power(dB m)
3	1	LOW	QPSK	21.49	21.47	21.54	22.00
		MID	QPSK	21.54	21.46	**21.59**	22.00
		HIGH	QPSK	21.56	21.45	21.47	22.00
	8	LOW	QPSK	20.61	20.47	20.49	21.00
		MID	QPSK	20.63	20.64	20.45	21.00
		HIGH	QPSK	20.48	20.64	20.45	21.00
	15	LOW	QPSK	20.60	20.49	20.57	21.00
		LOW	Q16	20.68	20.66	20.66	21.00
	1	MID	Q16	20.68	20.72	20.70	21.00
		HIGH	Q16	20.50	20.64	20.58	21.00
	8	LOW	Q16	19.70	19.58	19.61	20.00
		MID	Q16	19.71	19.78	19.58	20.00
		HIGH	Q16	19.77	19.69	19.58	20.00
	15	LOW	Q16	19.62	19.58	19.52	20.00
		LOW	64QAM	19.73	19.64	19.74	20.00
	1	MID	64QAM	19.26	19.61	19.23	20.00
		HIGH	64QAM	19.28	19.79	19.14	20.00
	8	LOW	64QAM	18.49	18.51	18.42	19.00
		MID	64QAM	18.43	18.41	18.54	19.00
		HIGH	64QAM	18.56	18.55	18.51	19.00
	15	LOW	64QAM	18.73	18.50	18.61	19.00

LTE B66-Full Power -State 17-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dB m)
5	1	LOW	QPSK	21.47	21.46	21.33	22.00
		MID	QPSK	**21.62**	21.49	21.43	22.00
		HIGH	QPSK	21.45	21.50	21.36	22.00
	12	LOW	QPSK	20.52	20.50	20.43	21.00
		MID	QPSK	20.65	20.54	20.47	21.00
		HIGH	QPSK	20.55	20.66	20.47	21.00
	25	LOW	QPSK	20.58	20.49	20.50	21.00
		LOW	Q16	20.77	20.66	20.59	21.00
	1	MID	Q16	20.76	20.63	20.67	21.00
		HIGH	Q16	20.79	20.68	20.58	21.00
	12	LOW	Q16	19.61	19.67	19.67	20.00
		MID	Q16	19.68	19.76	19.60	20.00
		HIGH	Q16	19.71	19.74	19.58	20.00
	25	LOW	Q16	19.62	19.48	19.48	20.00
		LOW	64QAM	19.61	19.75	19.45	20.00
	1	MID	64QAM	19.74	19.96	19.62	20.00
		HIGH	64QAM	19.74	19.93	19.48	20.00
	12	LOW	64QAM	18.69	18.60	18.43	19.00
		MID	64QAM	18.74	18.74	18.49	19.00
		HIGH	64QAM	18.82	18.81	18.47	19.00
	25	LOW	64QAM	18.65	18.62	18.47	19.00

LTE B66-Full Power -State 17-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dB m)
10	1	LOW	QPSK	21.51	21.38	21.46	22.00
		MID	QPSK	21.37	21.52	**21.55**	22.00
		HIGH	QPSK	21.46	21.53	21.50	22.00
	25	LOW	QPSK	20.61	20.47	20.48	21.00
		MID	QPSK	20.66	20.52	20.45	21.00
		HIGH	QPSK	20.62	20.55	20.49	21.00
	50	LOW	QPSK	20.63	20.58	20.45	21.00
		LOW	Q16	20.57	20.60	20.59	21.00
	1	MID	Q16	20.44	20.67	20.52	21.00
		HIGH	Q16	20.43	20.60	20.53	21.00
	25	LOW	Q16	19.62	19.66	19.57	20.00
		MID	Q16	19.71	19.63	19.68	20.00
		HIGH	Q16	19.61	19.63	19.61	20.00
	50	LOW	Q16	19.55	19.50	19.53	20.00
		LOW	64QAM	19.59	19.54	19.57	20.00
	1	MID	64QAM	19.47	19.64	19.43	20.00
		HIGH	64QAM	19.53	19.56	19.43	20.00
	25	LOW	64QAM	18.46	18.61	18.73	19.00
		MID	64QAM	18.51	18.56	18.67	19.00
		HIGH	64QAM	18.64	18.72	18.72	19.00
	50	LOW	64QAM	18.67	18.58	18.40	19.00

LTE B66-Full Power -State 17-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dB m)
15	1	LOW	QPSK	21.38	21.44	21.47	22.00
		MID	QPSK	21.48	21.47	21.44	22.00
		HIGH	QPSK	**21.53**	21.45	21.50	22.00
	36	LOW	QPSK	20.53	20.50	20.58	21.00
		MID	QPSK	20.62	20.61	20.58	21.00
		HIGH	QPSK	20.64	20.64	20.58	21.00
	75	LOW	QPSK	20.60	20.52	20.52	21.00
		LOW	Q16	20.46	20.66	20.67	21.00
	1	MID	Q16	20.44	20.95	20.67	21.00
		HIGH	Q16	20.47	20.65	20.60	21.00
	36	LOW	Q16	19.53	19.62	19.55	20.00
		MID	Q16	19.62	19.67	19.54	20.00
		HIGH	Q16	19.60	19.73	19.62	20.00
	75	LOW	Q16	19.46	19.58	19.48	20.00
		LOW	64QAM	19.38	19.54	19.67	20.00
	1	MID	64QAM	19.45	19.64	19.67	20.00
		HIGH	64QAM	19.54	19.60	19.63	20.00
	36	LOW	64QAM	18.46	18.61	18.67	19.00
		MID	64QAM	18.59	18.71	18.67	19.00
		HIGH	64QAM	18.63	18.69	18.58	19.00
	75	LOW	64QAM	18.69	18.63	18.58	19.00

LTE B66-Full Power -State 17-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dB m)
20	1	LOW	QPSK	21.44	**21.60**	21.52	22.00
		MID	QPSK	21.50	21.44	21.52	22.00
		HIGH	QPSK	21.47	21.48	21.44	22.00
	50	LOW	QPSK	20.52	20.49	20.52	21.00
		MID	QPSK	20.67	20.62	20.53	21.00
		HIGH	QPSK	20.52	20.63	20.53	21.00
	100	LOW	QPSK	20.55	20.58	20.53	21.00
		LOW	Q16	20.50	20.90	20.86	21.00
	1	MID	Q16	20.40	20.91	20.85	21.00
		HIGH	Q16	20.42	**21.00**	20.99	21.00
	50	LOW	Q16	19.59	19.58	19.49	20.00
		MID	Q16	19.70	19.60	19.57	20.00
		HIGH	Q16	19.60	19.63	19.59	20.00
	100	LOW	Q16	19.56	19.63	19.49	20.00
		LOW	64QAM	19.38	19.48	19.51	20.00
	1	MID	64QAM	19.56	19.89	19.67	20.00
		HIGH	64QAM	19.54	19.59	19.64	20.00
	50	LOW	64QAM	18.49	18.48	18.58	19.00
		MID	64QAM	18.64	18.71	18.57	19.00
		HIGH	64QAM	18.67	18.48	18.43	19.00
	100	LOW	64QAM	18.49	18.63	18.52	19.00

LTE B66-Full Power -State 19-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dB m)
1.4	1	LOW	QPSK	21.40	21.43	21.43	22.00
		MID	QPSK	21.50	21.50	21.42	22.00
		HIGH	QPSK	21.50	21.43	21.35	22.00
	3	LOW	QPSK	21.49	21.50	21.41	22.00
		MID	QPSK	**21.54**	21.46	21.39	22.00
		HIGH	QPSK	21.47	21.45	21.40	22.00
	6	LOW	QPSK	20.50	20.47	20.46	21.00
		LOW	Q16	20.61	20.69	20.50	21.00
	1	MID	Q16	20.72	20.66	20.59	21.00
		HIGH	Q16	20.64	20.64	20.55	21.00
	3	LOW	Q16	20.63	20.72	20.59	21.00
		MID	Q16	20.61	20.77	20.75	21.00
		HIGH	Q16	20.61	20.75	20.67	21.00
	6	LOW	Q16	19.60	19.40	19.70	20.00
		LOW	64QAM	19.65	19.64	19.54	20.00
	1	MID	64QAM	19.72	19.78	19.72	20.00
		HIGH	64QAM	19.74	19.77	19.67	20.00
	3	LOW	64QAM	19.75	19.58	19.70	20.00
		MID	64QAM	19.71	19.83	19.73	20.00
		HIGH	64QAM	19.73	19.88	19.68	20.00
	6	LOW	64QAM	18.63	18.58	18.57	19.00

LTE B66-Full Power -State 19-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132647	Tune-up power(dB m)
3	1	LOW	QPSK	21.49	21.47	21.54	22.00
		MID	QPSK	21.54	21.46	**21.59**	22.00
		HIGH	QPSK	21.56	21.45	21.47	22.00
	8	LOW	QPSK	20.61	20.47	20.49	21.00
		MID	QPSK	20.63	20.64	20.45	21.00
		HIGH	QPSK	20.48	20.64	20.45	21.00
	15	LOW	QPSK	20.60	20.49	20.57	21.00
		LOW	Q16	20.68	20.66	20.66	21.00
	1	MID	Q16	20.68	20.72	20.70	21.00
		HIGH	Q16	20.50	20.64	20.58	21.00
	8	LOW	Q16	19.70	19.58	19.61	20.00
		MID	Q16	19.71	19.78	19.58	20.00
		HIGH	Q16	19.77	19.69	19.58	20.00
	15	LOW	Q16	19.62	19.58	19.52	20.00
		LOW	64QAM	19.73	19.64	19.74	20.00
	1	MID	64QAM	19.26	19.61	19.23	20.00
		HIGH	64QAM	19.28	19.79	19.14	20.00
	8	LOW	64QAM	18.49	18.51	18.42	19.00
		MID	64QAM	18.43	18.41	18.54	19.00
		HIGH	64QAM	18.56	18.55	18.51	19.00
	15	LOW	64QAM	18.73	18.50	18.61	19.00

LTE B66-Full Power -State 19-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dB m)
5	1	LOW	QPSK	21.47	21.46	21.33	22.00
		MID	QPSK	**21.62**	21.49	21.43	22.00
		HIGH	QPSK	21.45	21.50	21.36	22.00
	12	LOW	QPSK	20.52	20.50	20.43	21.00
		MID	QPSK	20.65	20.54	20.47	21.00
		HIGH	QPSK	20.55	20.66	20.47	21.00
	25	LOW	QPSK	20.58	20.49	20.50	21.00
		LOW	Q16	20.77	20.66	20.59	21.00
	1	MID	Q16	20.76	20.63	20.67	21.00
		HIGH	Q16	20.79	20.68	20.58	21.00
	12	LOW	Q16	19.61	19.67	19.67	20.00
		MID	Q16	19.68	19.76	19.60	20.00
		HIGH	Q16	19.71	19.74	19.58	20.00
	25	LOW	Q16	19.62	19.48	19.48	20.00
		LOW	64QAM	19.61	19.75	19.45	20.00
	1	MID	64QAM	19.74	19.96	19.62	20.00
		HIGH	64QAM	19.74	19.93	19.48	20.00
	12	LOW	64QAM	18.69	18.60	18.43	19.00
		MID	64QAM	18.74	18.74	18.49	19.00
		HIGH	64QAM	18.82	18.81	18.47	19.00
	25	LOW	64QAM	18.65	18.62	18.47	19.00

LTE B66-Full Power -State 19-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dB m)
10	1	LOW	QPSK	21.51	21.38	21.46	22.00
		MID	QPSK	21.37	21.52	**21.55**	22.00
		HIGH	QPSK	21.46	21.53	21.50	22.00
	25	LOW	QPSK	20.61	20.47	20.48	21.00
		MID	QPSK	20.66	20.52	20.45	21.00
		HIGH	QPSK	20.62	20.55	20.49	21.00
	50	LOW	QPSK	20.63	20.58	20.45	21.00
		LOW	Q16	20.57	20.60	20.59	21.00
	1	MID	Q16	20.44	20.67	20.52	21.00
		HIGH	Q16	20.43	20.60	20.53	21.00
	25	LOW	Q16	19.62	19.66	19.57	20.00
		MID	Q16	19.71	19.63	19.68	20.00
		HIGH	Q16	19.61	19.63	19.61	20.00
	50	LOW	Q16	19.55	19.50	19.53	20.00
		LOW	64QAM	19.59	19.54	19.57	20.00
	1	MID	64QAM	19.47	19.64	19.43	20.00
		HIGH	64QAM	19.53	19.56	19.43	20.00
	25	LOW	64QAM	18.46	18.61	18.73	19.00
		MID	64QAM	18.51	18.56	18.67	19.00
		HIGH	64QAM	18.64	18.72	18.72	19.00
	50	LOW	64QAM	18.67	18.58	18.40	19.00

LTE B66-Full Power -State 19-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dB m)
15	1	LOW	QPSK	21.38	21.44	21.47	22.00
		MID	QPSK	21.48	21.47	21.44	22.00
		HIGH	QPSK	**21.53**	21.45	21.50	22.00
	36	LOW	QPSK	20.53	20.50	20.58	21.00
		MID	QPSK	20.62	20.61	20.58	21.00
		HIGH	QPSK	20.64	20.64	20.58	21.00
	75	LOW	QPSK	20.60	20.52	20.52	21.00
		LOW	Q16	20.46	20.66	20.67	21.00
	1	MID	Q16	20.44	20.95	20.67	21.00
		HIGH	Q16	20.47	20.65	20.60	21.00
	36	LOW	Q16	19.53	19.62	19.55	20.00
		MID	Q16	19.62	19.67	19.54	20.00
		HIGH	Q16	19.60	19.73	19.62	20.00
	75	LOW	Q16	19.46	19.58	19.48	20.00
		LOW	64QAM	19.38	19.54	19.67	20.00
	1	MID	64QAM	19.45	19.64	19.67	20.00
		HIGH	64QAM	19.54	19.60	19.63	20.00
	36	LOW	64QAM	18.46	18.61	18.67	19.00
		MID	64QAM	18.59	18.71	18.67	19.00
		HIGH	64QAM	18.63	18.69	18.58	19.00
	75	LOW	64QAM	18.69	18.63	18.58	19.00

LTE B66-Full Power -State 19-Ant.5(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dB m)
20	1	LOW	QPSK	21.44	**21.60**	21.52	22.00
		MID	QPSK	21.50	21.44	21.52	22.00
		HIGH	QPSK	21.47	21.48	21.44	22.00
	50	LOW	QPSK	20.52	20.49	20.52	21.00
		MID	QPSK	20.67	20.62	20.53	21.00
		HIGH	QPSK	20.52	20.63	20.53